

F., Marchini, F., R., Bondi, Roberto, A., Duri, Andrea, C., Fabiani, Claudia, L., Latterini, Loredana, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Marchini, F. (58500461500); Bondi, Roberto (57211580434); Duri, Andrea (59972750600); Fabiani, Claudia (56856637200); Latterini, Loredana (23004563600); Pisello, Anna Laura (54896291600)

58500461500; 57211580434; 59972750600; 56856637200; 23004563600; 54896291600

Coupling vanadium oxide and lead-free perovskite for sustainable passive daytime radiative cooling (2026) Renewable Energy, 256, art. no. 123755

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105009622810&doi=10.1016%2Fj.renene.2025.123755&partnerID=40&md5=4fe597adcbc947c5fb159e754f38ec21>

DOCUMENT TYPE: Article

D.K., Al-Assaad, Douaa K., I., Pigliautile, Ilaria, J., Shinoda, Jun, R.U., Rawal, Rajan U., M., André, Maíra, S., Vashi, Siddhi, R., Rugani, Roberto, G., Torriani, Giulia, W., Pasut, Wilmer, A., Gupta, Akshit

AUTHOR FULL NAMES: Al-Assaad, Douaa K. (57196414534); Pigliautile, Ilaria (57194409282); Shinoda, Jun (57203979556); Rawal, Rajan U. (55504010600); André, Maíra (57212004379); Vashi, Siddhi (60016775400); Rugani, Roberto (57222038436); Torriani, Giulia (57956682700); Pasut, Wilmer (37056030700); Gupta, Akshit (57382479800)

57196414534; 57194409282; 57203979556; 55504010600; 57212004379; 60016775400; 57222038436; 57956682700; 37056030700; 57382479800

Personalized environmental control systems (PECS): A systematic review of performance evaluation methods for thermal comfort, air quality and energy

(2025) Building and Environment, 284, art. no. 113471

DOI: 10.1016/j.buildenv.2025.113471

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105011829832&doi=10.1016%2Fj.buildenv.2025.113471&partnerID=40&md5=c731d65bcd1669417c0bea545cb87463>

DOCUMENT TYPE: Review

C., Santini, Carolina, E., Previti, Emanuele, E., Mastronardo, Emanuela, L., Calabrese, Luigi, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Santini, Carolina (58024763200); Previti, Emanuele (57339056100); Mastronardo, Emanuela (56134900200); Calabrese, Luigi (7102175347); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

58024763200; 57339056100; 56134900200; 7102175347; 56856637200; 54896291600

Salt-infused sorption mortars for enhancing thermal energy storage in building walls

(2025) Energy, 332, art. no. 137034

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008202993&doi=10.1016%2Fj.energy.2025.137034&partnerID=40&md5=7be4e8799f8c542b6f05800c12a361e9>

DOCUMENT TYPE: Article

C., Grapas, C., A.L., Pisello, Anna Laura, I., Pigliautile, Ilaria, C., Guattari, Claudia, E., De Cristo, Edoardo

AUTHOR FULL NAMES: Grapas, C. (58299469300); Pisello, Anna Laura (54896291600); Pigliautile, Ilaria (57194409282); Guattari, Claudia (36470228000); De Cristo, Edoardo (58737676100)

58299469300; 54896291600; 57194409282; 36470228000; 58737676100

Multisensory Urban Climate Zones (MUCZ): A Framework for Mapping Dynamic Multidomain Human Comfort in Complex Urban Fabrics beyond Urban Morphology

(2025) Sustainable Cities and Society, 131, art. no. 106673

DOI: 10.1016/j.scs.2025.106673

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012354992&doi=10.1016%2Fj.scs.2025.106673&partnerID=40&md5=a814732c509f78f59e643398c65bd980>

DOCUMENT TYPE: Article

M., Schweiker, Marcel, R.K., Andersen, Rune K., S., Carlucci, Salvatore, G., Chinazzo, Giorgia, S.G., Hodder, Simon G., A., Mahdavi, Ardeshir, B.I., Palella, Boris Igor, A.L., Pisello, Anna Laura, F.R., d'Ambrosio Alfano, Francesca Romana, M., Vellei, Marika

AUTHOR FULL NAMES: Schweiker, Marcel (60040788100); Andersen, Rune K. (24448187200); Carlucci, Salvatore (55331189400); Chinazzo, Giorgia (57188722359); Hodder, Simon G.

(7003521150); Mahdavi, Ardeshir (7006750113); Palella, Boris Igor (6603203073); Pisello, Anna Laura (54896291600); d'Ambrosio Alfano, Francesca Romana (57203527400); Vellei, Marika (56951347600)

60040788100; 24448187200; 55331189400; 57188722359; 7003521150; 7006750113; 6603203073; 54896291600; 57203527400; 56951347600

Ten questions concerning the usage of subjective assessment scales in research on indoor environmental quality

(2025) Building and Environment, 283, art. no. 113393

DOI: 10.1016/j.buildenv.2025.113393

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105010563029&doi=10.1016%2Fj.buildenv.2025.113393&partnerID=40&md5=49c761ff9b3046d77639e70fe31cf4d4>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, A., Muscio, Alberto, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Muscio, Alberto (6701623729); Pisello, Anna Laura (54896291600)

56856637200; 6701623729; 54896291600

Introducing the enhanced Solar Reflectance Index (SRI*) for comprehensive evaluation of spectrally selective cool materials in real-world scenarios

(2025) Sustainable Energy Technologies and Assessments, 81, art. no. 104415

DOI: 10.1016/j.seta.2025.104415

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105010563023&doi=10.1016%2Fj.seta.2025.104415&partnerID=40&md5=9e8b370d6b61af3df545ba988db971f3>

DOCUMENT TYPE: Article

S., Torresin, Simone, L.P., de Souza, Larissa Pereira, S.Y., Dicle, Seda Yuksel, D.K., Al-Assaad, Douaa K., F., Aletta, Francesco, A., Balderrama, Alvaro, M.P., Bivolarova, Mariya P., P., Lee, Pyoung-jik, J., Llorca, Josep, H., Maula, Henna

AUTHOR FULL NAMES: Torresin, Simone (57201296947); de Souza, Larissa Pereira (58168997100); Dicle, Seda Yuksel (59319086100); Al-Assaad, Douaa K. (57196414534); Aletta, Francesco (55557756700); Balderrama, Alvaro (57873926800); Bivolarova, Mariya P. (56549044400); Lee, Pyoung-jik (16432472700); Llorca, Josep (57195061326); Maula, Henna (55843912800)

57201296947; 58168997100; 59319086100; 57196414534; 55557756700; 57873926800; 56549044400; 16432472700; 57195061326; 55843912800

Definition and performance of acoustic personalised environmental control systems (acoustic PECS): A systematic review

(2025) Building and Environment, 282, art. no. 113243

DOI: 10.1016/j.buildenv.2025.113243

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007785128&doi=10.1016%2Fj.buildenv.2025.113243&partnerID=40&md5=60953edc36fd8755682009aa8e095862>

DOCUMENT TYPE: Article

R.J., Cureau, Roberta Jacoby, I., Pigliautile, Ilaria, I., Kousis, Ioannis, X., Huang, Xinjie, E.R., Bou-Zeid, Elie R., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cureau, Roberta Jacoby (57211983386); Pigliautile, Ilaria (57194409282); Kousis, Ioannis (57211821338); Huang, Xinjie (57215414860); Bou-Zeid, Elie R. (6603009057); Pisello, Anna Laura (54896291600)

57211983386; 57194409282; 57211821338; 57215414860; 6603009057; 54896291600

On the performance of human thermal stress models in the outdoors against observations

(2025) Energy and Buildings, 341, art. no. 115837

DOI: 10.1016/j.enbuild.2025.115837

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004664927&doi=10.1016%2Fj.enbuild.2025.115837&partnerID=40&md5=774c0b5befff15b1de0d4d6e3d135df5>

DOCUMENT TYPE: Article

S., Cavagnoli, Silvia, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cavagnoli, Silvia (57844526000); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57844526000; 56856637200; 54896291600

Dynamic solutions for urban cooling: integrating thermochromism and photoluminescence in dynamic retroreflective skins for heat mitigation

(2025) Solar Energy Materials and Solar Cells, 289, art. no. 113659

DOI: 10.1016/j.solmat.2025.113659

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004393980&doi=10.1016%2Fj.solmat.2025.113659&partnerID=40&md5=f3e608459d77934a9e982044658f71c2>

DOCUMENT TYPE: Article

E., Bruschini, Enrico, M., Ferrari, M., A.L., Pisello, Anna Laura, S., De Angelis, Simone, J.F., Brossier, Jeremy F., M.C., De Sanctis, M. Cristina, F., Altieri, Francesca

AUTHOR FULL NAMES: Bruschini, Enrico (56386063700); Ferrari, M. (55534140914); Pisello, Anna Laura (54896291600); De Angelis, Simone (54392871700); Brossier, Jeremy F. (57215012454); De Sanctis, M. Cristina (7005287120); Altieri, Francesca (14010575400)

56386063700; 55534140914; 54896291600; 54392871700; 57215012454; 7005287120; 14010575400

Spectroscopic Investigation of Synthetic Martian Analog Mineral Mixtures Relevant to Gale and Jezero Craters Exploration

(2025) Earth and Space Science, 12 (8), art. no. e2025EA004386

DOI: 10.1029/2025EA004386

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012932370&doi=10.1029%2F2025EA004386&partnerID=40&md5=119f3f113ed2575528daa80496e50357>

DOCUMENT TYPE: Article

E., Tarpani, Elena, T., Hong, Tianzhen, I., Pigliatile, Ilaria, W., Zhang, Wannu, K., Sun, Kaiyu, B., Pioppi, Benedetta, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Tarpani, Elena (57930148200); Hong, Tianzhen (7202830430); Pigliatile, Ilaria (57194409282); Zhang, Wannu (57212675884); Sun, Kaiyu (56175457000); Pioppi, Benedetta (57212135352); Pisello, Anna Laura (54896291600)

57930148200; 7202830430; 57194409282; 57212675884; 56175457000; 57212135352; 54896291600

On renewable energy community implementation in historic cities: A city-scale validated model

(2025) Energy and Buildings, 338, art. no. 115709

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002368051&doi=10.1016%2Fj.enbuild.2025.115709&partnerID=40&md5=b497f6208ee8549d95a6ee19bc6da75a>

DOCUMENT TYPE: Article

J.R., Castro, J. Ramon, C., Santini, Carolina, G., Zsembinszki, Gabriel, S., Mani Kala, Saranprabhu, F.R., Martínez, Franklin R., S., Risco, Sara, C., Fabiani, Claudia, A.L., Pisello, Anna Laura, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Castro, J. Ramon (57204730565); Santini, Carolina (58024763200); Zsembinszki, Gabriel (6508016470); Mani Kala, Saranprabhu (59090962400); Martínez, Franklin R.

(57211001850); Risco, Sara (59557421000); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); Cabeza, Luisa F. (7004085845)

57204730565; 58024763200; 6508016470; 59090962400; 57211001850; 59557421000; 56856637200; 54896291600; 7004085845

Innovative refractory concrete for high temperature thermal energy storage

(2025) Solar Energy Materials and Solar Cells, 285, art. no. 113506

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217795862&doi=10.1016%2Fj.solmat.2025.113506&partnerID=40&md5=4f8ac37d91ff5443a993ad9899494674>

DOCUMENT TYPE: Article

D., Sánchez-García, Daniel, D., Bienvenido-Huertas, David, J., Kim, Jungsoo, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Sánchez-García, Daniel (57204012665); Bienvenido-Huertas, David (57201717825); Kim, Jungsoo (57189969323); Pisello, Anna Laura (54896291600)

57204012665; 57201717825; 57189969323; 54896291600

Exploring the energy implications of human thermal adaptation to hot temperatures in present and future scenarios: a parametric simulation study

(2025) Energy, 325, art. no. 136029

DOI: 10.1016/j.energy.2025.136029

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002581211&doi=10.1016%2Fj.energy.2025.136029&partnerID=40&md5=5ddfcaf24433f8a6cc40bc3b0a771393>

DOCUMENT TYPE: Article

V.M., Gnecco, Veronica Martins, A., Chiucchiù, Agnese, S.A., Mansi, Silvia Angela, I., Pigliautile, Ilaria, G., Cosoli, Gloria, M., Arnesano, Marco, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Gnecco, Veronica Martins (57367157500); Chiucchiù, Agnese (59259530600); Mansi, Silvia Angela (57226318769); Pigliautile, Ilaria (57194409282); Cosoli, Gloria (56786271100); Arnesano, Marco (56418947300); Pisello, Anna Laura (54896291600)

57367157500; 59259530600; 57226318769; 57194409282; 56786271100; 56418947300; 54896291600

Exploring acclimation time in test-room environments via physiological indicators: Evolving human-centric personalized comfort measurement procedures

(2025) Building and Environment, 277, art. no. 112924

DOI: 10.1016/j.buildenv.2025.112924

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001869025&doi=10.1016%2Fj.buildenv.2025.112924&partnerID=40&md5=224931f0f1ed726b967069d583ae2b93>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, T.M., Amer, Toka M., B., Pioppi, Benedetta

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Amer, Toka M. (59708840000); Pioppi, Benedetta (57212135352)

54896291600; 59708840000; 57212135352

Ten questions concerning living laboratories (LL) for multi-domain comfort investigations

(2025) Building and Environment, 276, art. no. 112750

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001001302&doi=10.1016%2Fj.buildenv.2025.112750&partnerID=40&md5=dd4784f6a30f8fa24cac5771f6fe203d>

DOCUMENT TYPE: Article

V.M., Gnecco, Veronica Martins, I., Kousis, Ioannis, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Gnecco, Veronica Martins (57367157500); Kousis, Ioannis (57211821338); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57367157500; 57211821338; 57194409282; 54896291600

Decoding Living Lab sensing system through Bayesian networks: The preferable working space targeting comfort and productivity

(2025) Journal of Building Engineering, 101, art. no. 111913

DOI: 10.1016/j.jobbe.2025.111913

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85216189489&doi=10.1016%2Fj.jobbe.2025.111913&partnerID=40&md5=b74241ac580844900297e1096133cb33>

DOCUMENT TYPE: Article

K., Stephan, Katrin, K., Rammelkamp, Kristin, M., Baqué, Mickael, S., Schröder, Susanne, A.L., Pisello, Anna Laura, K., Gwinner, Klaus, G., Ortenzi, Gianluigi, P., Irmisch, Patrick, F., Sohl, Frank, V., Unnithan, Vikram

AUTHOR FULL NAMES: Stephan, Katrin (8524596800); Rammelkamp, Kristin (57198882113); Baqué, Mickael (35749479800); Schröder, Susanne (57206427603); Pisello, Anna Laura (54896291600); Gwinner, Klaus (8964629000); Ortenzi, Gianluigi (57198791408); Irmisch, Patrick (57492690100); Sohl, Frank (8781402500); Unnithan, Vikram (35118104700)

8524596800; 57198882113; 35749479800; 57206427603; 54896291600; 8964629000; 57198791408; 57492690100; 8781402500; 35118104700

Multi-Spectral Field Study of Planetary Analog Material in Extreme Environments—Alteration Products of Volcanic Deposits of Vulcano/Italy

(2025) *Earth and Space Science*, 12 (5), art. no. e2024EA004036

DOI: 10.1029/2024EA004036

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006646327&doi=10.1029%2F2024EA004036&partnerID=40&md5=f514221d8007e7e808cb8805c28f432c>

DOCUMENT TYPE: Article

L., Mahia, Lilia, D., Berkouk, Djihed, T.A.K., Bouzir, Tallal Abdel Karim, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Mahia, Lilia (59388871400); Berkouk, Djihed (57203163053); Bouzir, Tallal Abdel Karim (57195679055); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

59388871400; 57203163053; 57195679055; 57194409282; 54896291600

Exploring the relationship between elderly women responses, multi-domain factors, and street geometry indicators: A case study in a Mediterranean context

(2025) *Building and Environment*, 273, art. no. 112647

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217973932&doi=10.1016%2Fj.buildenv.2025.112647&partnerID=40&md5=fce2ec3c77dd742ae62339d36f7205dc>

DOCUMENT TYPE: Article

L., Brunelli, Luca, E., Belloni, Elisa, I., Pigliautile, Ilaria, R., Cardelli, R., A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Brunelli, Luca (59237913800); Belloni, Elisa (55413036000); Pigliatile, Ilaria (57194409282); Cardelli, R. (57794769900); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

59237913800; 55413036000; 57194409282; 57794769900; 54896291600; 56231867900

A novel methodology for accessible design of multi-source renewable energy community: application to a wooded area in central Italy

(2025) International Journal of Electrical Power and Energy Systems, 165, art. no. 110496

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215966511&doi=10.1016%2Fj.ijepes.2025.110496&partnerID=40&md5=fee40ba0183375590117be74c073dcca>

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C., Fabiani, Claudia, E., Erkizia, Edurne, D., Snoeck, Didier, M., Rajczakowska, Magdalena, I., Tole, Ilda, R., Rocha Ribeiro, Renan, M.Â.D., Azenha, Miguel Ângelo Dias, A., Caggiano, Antonio, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Erkizia, Edurne (6507671014); Snoeck, Didier (56378871600); Rajczakowska, Magdalena (56367238200); Tole, Ilda (57204051285); Rocha Ribeiro, Renan (57192978618); Azenha, Miguel Ângelo Dias (57200948343); Caggiano, Antonio (54916174800); Pisello, Anna Laura (54896291600)

56856637200; 6507671014; 56378871600; 56367238200; 57204051285; 57192978618; 57200948343; 54916174800; 54896291600

Reviewing experimental studies on latent thermal energy storage in cementitious composites: report of the RILEM TC 299-TES

(2025) Materials and Structures/Materiaux et Constructions, 58 (2), art. no. 58

DOI: 10.1617/s11527-024-02544-2

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85219753599&doi=10.1617%2Fs11527-024-02544-2&partnerID=40&md5=ae76a69fd69ef98dd4833a1d1689830a>

DOCUMENT TYPE: Article

C., Santini, Carolina, C., Fabiani, Claudia, M., Barbanera, Marco, A., Cardarelli, Alessandro, S., Agnetti, Stefano, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Santini, Carolina (58024763200); Fabiani, Claudia (56856637200); Barbanera, Marco (57203196766); Cardarelli, Alessandro (57204172362); Agnetti, Stefano (55760350300); Pisello, Anna Laura (54896291600)

58024763200; 56856637200; 57203196766; 57204172362; 55760350300; 54896291600

Evaluation of the thermo-physic, acoustic, and mechanical performance of innovative hydrochar-modified plasters

(2025) *Developments in the Built Environment*, 21, art. no. 100627

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218464448&doi=10.1016%2Fj.dibe.2025.100627&partnerID=40&md5=a7da2d28c0e932f5947437c4a9f78abe>

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L., Mahia, Lilia, D., Berkouk, Djihed, T.A.K., Bouzir, Tallal Abdel Karim, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Mahia, Lilia (59388871400); Berkouk, Djihed (57203163053); Bouzir, Tallal Abdel Karim (57195679055); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

59388871400; 57203163053; 57195679055; 57194409282; 54896291600

Investigating the relationship between spatial morphology, meteorological factors, and elderly people well-being in a traditional algerian village

(2025) *Sustainable Cities and Society*, 121, art. no. 106212

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217963045&doi=10.1016%2Fj.scs.2025.106212&partnerID=40&md5=0db457249395a4a5bcc6fe0eade38e60>

DOCUMENT TYPE: Article

C., Guattari, Claudia, E., De Cristo, Edoardo, L., Evangelisti, Luca, P., Gori, Paola, R.J., Cureau, Roberta Jacoby, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Guattari, Claudia (36470228000); De Cristo, Edoardo (58737676100); Evangelisti, Luca (55861702800); Gori, Paola (7003523515); Cureau, Roberta Jacoby (57211983386); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

36470228000; 58737676100; 55861702800; 7003523515; 57211983386; 56856637200; 54896291600

Thermal characterization of building walls using an equivalent modeling approach

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C., Borghesi, Costanza, R., Bondi, Roberto, F., Marchini, F., C., Fabiani, Claudia, L., Latterini, Loredana, I.E., Castelli, Ivano Eligio, A.L., Pisello, Anna Laura, G., Giorgi, Giacomo

AUTHOR FULL NAMES: Borghesi, Costanza (57210582222); Bondi, Roberto (57211580434); Marchini, F. (58500461500); Fabiani, Claudia (56856637200); Latterini, Loredana (23004563600); Castelli, Ivano Eligio (25821783000); Pisello, Anna Laura (54896291600); Giorgi, Giacomo (8343213600)

57210582222; 57211580434; 58500461500; 56856637200; 23004563600; 25821783000; 54896291600; 8343213600

Spectral Design of Nano-Cerates for Emerging Passive Radiative Cooling Technologies: Theory Boosts Experiments

(2025) Nano Letters, 25 (2), pp. 699 - 706

DOI: 10.1021/acs.nanolett.4c04891

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209951882&doi=10.1021%2Facs.nanolett.4c04891&partnerID=40&md5=b21c914c54153364d1c582430dde9440>

DOCUMENT TYPE: Article

E., Tarpani, Elena, V.L., Castaldo, Veronica Lucia, I., Pigliautile, Ilaria, B., Pioppi, Benedetta, D., Cilio, Debora, M., Zulianello, Matteo, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Tarpani, Elena (57930148200); Castaldo, Veronica Lucia (56109936000); Pigliautile, Ilaria (57194409282); Pioppi, Benedetta (57212135352); Cilio, Debora (57218844308); Zulianello, Matteo (57219801577); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

57930148200; 56109936000; 57194409282; 57212135352; 57218844308; 57219801577; 54896291600; 56231867900

The impact of energy transition policies on real estate efficiency and renewable energy communities (RECs): An analysis of public awareness and final energy uses in Italy

(2025) Solar Energy Advances, 5, art. no. 100099

DOI: 10.1016/j.seja.2025.100099

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-86000805685&doi=10.1016%2Fj.seja.2025.100099&partnerID=40&md5=882975cdddf233758b5fc14437887beb>

DOCUMENT TYPE: Article

C., Santini, Carolina, C., Fabiani, Claudia, M., Barbanera, Marco, A., Cardarelli, Alessandro, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Santini, Carolina (58024763200); Fabiani, Claudia (56856637200); Barbanera, Marco (57203196766); Cardarelli, Alessandro (57204172362); Pisello, Anna Laura (54896291600)

58024763200; 56856637200; 57203196766; 57204172362; 54896291600

Sustainable Building Solutions: Enhancing Thermo-Acoustic Performance Through Activated Hydrochar in Cement and Lime-Based Plasters

(2025) Lecture Notes in Civil Engineering, 552 LNCE, pp. 461 - 466

DOI: 10.1007/978-981-97-8305-2_65

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217252790&doi=10.1007%2F978-981-97-8305-2_65&partnerID=40&md5=36b1fc5c4597556abf6a6eb684f2afdd

DOCUMENT TYPE: Conference paper

F., Marchini, F., R., Bondi, Roberto, C., Fabiani, Claudia, L., Latterini, Loredana, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Marchini, F. (58500461500); Bondi, Roberto (57211580434); Fabiani, Claudia (56856637200); Latterini, Loredana (23004563600); Pisello, Anna Laura (54896291600)

58500461500; 57211580434; 56856637200; 23004563600; 54896291600

Optimizing Perception and Efficiency: Lead-Free Perovskite Nanocrystals for Enhanced Passive Daytime Radiative Cooling in Urban Environments

(2025) Lecture Notes in Civil Engineering, 552 LNCE, pp. 449 - 454

DOI: 10.1007/978-981-97-8305-2_63

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217217281&doi=10.1007%2F978-981-97-8305-2_63&partnerID=40&md5=bb907bd9b0d7fd7cded34b81167a2110

DOCUMENT TYPE: Conference paper

C., Piselli, Cristina, F., Scurpi, Fabio, C., Fabiani, Claudia, C., Carletti, Cristina, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Scurpi, Fabio (6504794312); Fabiani, Claudia (56856637200); Carletti, Cristina (57188747437); Pisello, Anna Laura (54896291600)

56532466200; 6504794312; 56856637200; 57188747437; 54896291600

Experimental and Numerical Analysis of Novel Insulation Materials for the Building Wall

(2025) Lecture Notes in Civil Engineering, 552 LNCE, pp. 418 - 423

DOI: 10.1007/978-981-97-8305-2_58

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DOCUMENT TYPE: Conference paper

S.A., Mansi, Silvia Angela, V.M., Gnecco, Veronica Martins, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura, M., Arnesano, Marco

AUTHOR FULL NAMES: Mansi, Silvia Angela (57226318769); Gnecco, Veronica Martins (57367157500); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600); Arnesano, Marco (56418947300)

57226318769; 57367157500; 57194409282; 54896291600; 56418947300

Integrating Thermal Comfort Indices for Experimental Comfort Investigation and Modeling: A Permutation Analysis

(2025) Lecture Notes in Civil Engineering, 555 LNCE, pp. 134 - 140

DOI: 10.1007/978-981-97-8317-5_21

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DOCUMENT TYPE: Conference paper

V.D., Fachinotti, Víctor D., J.C., Álvarez Hostos, Juan Carlos, I., Peralta, Ignacio, M.M.K., Zanjani, Mahdi Mohammadi K., U.B., Berardi, Umberto B., A.L., Pisello, Anna Laura, J.S., Dolado, J. S., A., Caggiano, Antonio

AUTHOR FULL NAMES: Fachinotti, Víctor D. (6602460999); Álvarez Hostos, Juan Carlos (56925352200); Peralta, Ignacio (57192153718); Zanjani, Mahdi Mohammadi K. (58914122400); Berardi, Umberto B. (58317471200); Pisello, Anna Laura (54896291600); Dolado, J. S. (7004284965); Caggiano, Antonio (54916174800)

6602460999; 56925352200; 57192153718; 58914122400; 58317471200; 54896291600; 7004284965; 54916174800

Reviewing numerical studies on latent thermal energy storage in cementitious composites: report of the RILEM TC 299-TES

(2024) Materials and Structures/Materiaux et Constructions, 57 (10), art. no. 247

DOI: 10.1617/s11527-024-02520-w

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DOCUMENT TYPE: Article

S., Cavagnoli, Silvia, A., Pazzaglia, Aron, C., Fabiani, Claudia, F., Frota de Albuquerque Landi, Fabiana, B., Castellani, Beatrice, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cavagnoli, Silvia (57844526000); Pazzaglia, Aron (58130793200); Fabiani, Claudia (56856637200); Frota de Albuquerque Landi, Fabiana (57356587200); Castellani, Beatrice (55237475900); Pisello, Anna Laura (54896291600)

57844526000; 58130793200; 56856637200; 57356587200; 55237475900; 54896291600

Sustainable approach to cigarette butts management: From waste to new building material component

(2024) Sustainable Energy Technologies and Assessments, 72, art. no. 104039

DOI: 10.1016/j.seta.2024.104039

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DOCUMENT TYPE: Article

B.M., de Quadros, Bianca Milani, I., Pigliatile, Ilaria, A.L., Pisello, Anna Laura, E.L., Krüger, E. L., M.O., Mizgier, Martin Ordenes

AUTHOR FULL NAMES: de Quadros, Bianca Milani (58608963300); Pigliatile, Ilaria (57194409282); Pisello, Anna Laura (54896291600); Krüger, E. L. (56244643600); Mizgier, Martin Ordenes (16176168300)

58608963300; 57194409282; 54896291600; 56244643600; 16176168300

Reliability of urban microclimate simulations: spatio-temporal validation through intra-urban canyon transects for outdoor thermal comfort analysis

(2024) International Journal of Biometeorology, 68 (12), pp. 2715 - 2729

DOI: 10.1007/s00484-024-02784-5

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DOCUMENT TYPE: Article

R.J., Cureau, Roberta Jacoby, C., Balocco, Carla, I., Pigliautile, Ilaria, C., Piselli, Cristina, C., Fabiani, Claudia, F., Cotana, F., C., Carletti, Cristina, F., Scieurpi, Fabio, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cureau, Roberta Jacoby (57211983386); Balocco, Carla (6603095395); Pigliautile, Ilaria (57194409282); Piselli, Cristina (56532466200); Fabiani, Claudia (56856637200); Cotana, F. (56231867900); Carletti, Cristina (57188747437); Scieurpi, Fabio (6504794312); Pisello, Anna Laura (54896291600)

57211983386; 6603095395; 57194409282; 56532466200; 56856637200; 56231867900; 57188747437; 6504794312; 54896291600

On urban microclimate spatial-temporal dynamics: Evidence from the integration of fixed and wearable sensing and mapping techniques

(2024) Environmental Research, 262, art. no. 119795

DOI: 10.1016/j.envres.2024.119795

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202567393&doi=10.1016%2Fj.envres.2024.119795&partnerID=40&md5=02af88c4fab48fcfe9c56263d4e9284c>

DOCUMENT TYPE: Article

E., Tarpani, Elena, L., Bitossi, Lisa, R.J., Cureau, Roberta Jacoby, I., Pigliautile, Ilaria, C., Biscarini, Chiara, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Tarpani, Elena (57930148200); Bitossi, Lisa (58847010300); Cureau, Roberta Jacoby (57211983386); Pigliautile, Ilaria (57194409282); Biscarini, Chiara (35203045400); Pisello, Anna Laura (54896291600)

57930148200; 58847010300; 57211983386; 57194409282; 35203045400; 54896291600

Revitalizing tactical urban parks (TUPs) through environmental monitoring and participatory approaches for urban overheating mitigation

(2024) City and Environment Interactions, 24, art. no. 100164

DOI: 10.1016/j.cacint.2024.100164

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201506961&doi=10.1016%2Fj.cacint.2024.100164&partnerID=40&md5=0404cd200716af5d4c927a4885cb0cf4>

DOCUMENT TYPE: Article

R.J., Cureau, Roberta Jacoby, E.R., Bou-Zeid, Elie R., I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cureau, Roberta Jacoby (57211983386); Bou-Zeid, Elie R. (6603009057); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57211983386; 6603009057; 57194409282; 54896291600

Crowdsourced data as a strategic approach to include the human dimension in outdoor environmental quality assessments

(2024) *Science of the Total Environment*, 953, art. no. 175925

DOI: 10.1016/j.scitotenv.2024.175925

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203276399&doi=10.1016%2Fj.scitotenv.2024.175925&partnerID=40&md5=604aa93b1784fddea6569152f2011c21>

DOCUMENT TYPE: Article

C., Chiatti, Chiara, F., Marchini, F., C., Fabiani, Claudia, I., Kousis, Ioannis, L., Carlosena, Laura, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Marchini, F. (58500461500); Fabiani, Claudia (56856637200); Kousis, Ioannis (57211821338); Carlosena, Laura (57218499633); Pisello, Anna Laura (54896291600)

57212227943; 58500461500; 56856637200; 57211821338; 57218499633; 54896291600

Harnessing the potential of radiative cooling for the built environment: A new comprehensive protocol for materials' characterization

(2024) *Solar Energy Materials and Solar Cells*, 277, art. no. 113074

DOI: 10.1016/j.solmat.2024.113074

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200801533&doi=10.1016%2Fj.solmat.2024.113074&partnerID=40&md5=4efe9ab855e8176d32fd4db703341035>

DOCUMENT TYPE: Article

S., Cavagnoli, Silvia, A., Bonanno, Antonino, C., Fabiani, Claudia, V., Palomba, Valeria, A., Frazzica, Andrea, M., Carminati, Mattia, R., Herrmann, Ralph, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cavagnoli, Silvia (57844526000); Bonanno, Antonino (7006256096); Fabiani, Claudia (56856637200); Palomba, Valeria (57170472300); Frazzica, Andrea (45661487200); Carminati, Mattia (57222653603); Herrmann, Ralph (11639717300); Pisello, Anna Laura (54896291600)

57844526000; 7006256096; 56856637200; 57170472300; 45661487200; 57222653603; 11639717300; 54896291600

Holistic investigation for historical heritage revitalization through an innovative geothermal system

(2024) *Applied Energy*, 372, art. no. 123761

DOI: 10.1016/j.apenergy.2024.123761

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197100869&doi=10.1016%2Fj.apenergy.2024.123761&partnerID=40&md5=650edde18b6dc8f792263726a355a85f>

DOCUMENT TYPE: Article

S., Forastiere, Simone, C., Piselli, Cristina, A., Silei, Andrea, F., Scieurpi, Fabio, A.L., Pisello, Anna Laura, F., Cotana, F., C., Balocco, Carla

AUTHOR FULL NAMES: Forastiere, Simone (58417079700); Piselli, Cristina (56532466200); Silei, Andrea (59002218800); Scieurpi, Fabio (6504794312); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Balocco, Carla (6603095395)

58417079700; 56532466200; 59002218800; 6504794312; 54896291600; 56231867900; 6603095395

Energy Efficiency and Sustainability in Food Retail Buildings: Introducing a Novel Assessment Framework

(2024) Energies, 17 (19), art. no. 4882

DOI: 10.3390/en17194882

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206497159&doi=10.3390%2Fen17194882&partnerID=40&md5=79083bc1761e60c071088bbf415cc03e>

DOCUMENT TYPE: Article

F., Marchini, F., C., Fabiani, Claudia, L., Latterini, Loredana, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Marchini, F. (58500461500); Fabiani, Claudia (56856637200); Latterini, Loredana (23004563600); Pisello, Anna Laura (54896291600)

58500461500; 56856637200; 23004563600; 54896291600

Optimising surface morphology for enhanced radiative properties in thermal energy-efficient materials

(2024) Materials Today Energy, 45, art. no. 101660

DOI: 10.1016/j.mtener.2024.101660

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203844416&doi=10.1016%2Fj.mtener.2024.101660&partnerID=40&md5=34fbeac7f3e7730b64f7d8e56e0f2e53>

DOCUMENT TYPE: Article

A., Fronzetti Colladon, Andrea, A.L., Pisello, Anna Laura, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Fronzetti Colladon, Andrea (55876528100); Pisello, Anna Laura (54896291600); Cabeza, Luisa F. (7004085845)

55876528100; 54896291600; 7004085845

Boosting the clean energy transition through data science

(2024) Energy Policy, 193, art. no. 114304

DOI: 10.1016/j.enpol.2024.114304

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201866043&doi=10.1016%2Fj.enpol.2024.114304&partnerID=40&md5=8ea85c9ce0be82a4433071395584124c>

DOCUMENT TYPE: Editorial

L., Brunelli, Luca, E., Borri, Emiliano, A.L., Pisello, Anna Laura, A., Nicolini, Andrea, C., Mateu, Carles, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Brunelli, Luca (59237913800); Borri, Emiliano (57193907511); Pisello, Anna Laura (54896291600); Nicolini, Andrea (57193752460); Mateu, Carles (15056164500); Cabeza, Luisa F. (7004085845)

59237913800; 57193907511; 54896291600; 57193752460; 15056164500; 7004085845

Thermal Energy Storage in Energy Communities: A Perspective Overview through a Bibliometric Analysis

(2024) Sustainability (Switzerland), 16 (14), art. no. 5895

DOI: 10.3390/su16145895

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199916830&doi=10.3390%2Fsu16145895&partnerID=40&md5=8caed5b9e224cf7f6d8db3d56cabe67>

DOCUMENT TYPE: Article

S., Cavagnoli, Silvia, C., Fabiani, Claudia, F., Frota de Albuquerque Landi, Fabiana, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cavagnoli, Silvia (57844526000); Fabiani, Claudia (56856637200); Frota de Albuquerque Landi, Fabiana (57356587200); Pisello, Anna Laura (54896291600)

57844526000; 56856637200; 57356587200; 54896291600

Advancing sustainable construction through comprehensive analysis of thermal, acoustic, and environmental properties in prefabricated panels with recycled PET materials

(2024) Energy and Buildings, 312, art. no. 114218

DOI: 10.1016/j.enbuild.2024.114218

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192099147&doi=10.1016%2Fj.enbuild.2024.114218&partnerID=40&md5=5a1c7ae7f75b8541f8fb1516fb9333b8>

DOCUMENT TYPE: Article

C., Chiatti, Chiara, C., Fabiani, Claudia, X., Huang, Xinjie, E.R., Bou-Zeid, Elie R., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Fabiani, Claudia (56856637200); Huang, Xinjie (57215414860); Bou-Zeid, Elie R. (6603009057); Pisello, Anna Laura (54896291600)

57212227943; 56856637200; 57215414860; 6603009057; 54896291600

Exploring the potential of phosphorescence for mitigating urban overheating: First time representation in an Urban Canopy Model

(2024) Applied Energy, 362, art. no. 122984

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187959458&doi=10.1016%2Fj.apenergy.2024.122984&partnerID=40&md5=4be12fa7de5cefd8b326761bd8c51c1>

DOCUMENT TYPE: Article

V.M., Gnecco, Veronica Martins, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Gnecco, Veronica Martins (57367157500); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57367157500; 57194409282; 54896291600

Empowering human–environment well-being through wearable sensing: Unveiling trends and addressing gaps in the energy transition

(2024) Wiley Interdisciplinary Reviews: Energy and Environment, 13 (3), art. no. e518

DOI: 10.1002/wene.518

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85193066823&doi=10.1002%2Fwene.518&partnerID=40&md5=070e106e698bc416ca686b977779d7ee>

DOCUMENT TYPE: Article

M., Bavaresco, Mateus, V.M., Gnecco, Veronica Martins, I., Pigliautile, Ilaria, C., Piselli, Cristina, M.K., Bracht, Matheus Korbes, R.J., Cureau, Roberta Jacoby, L.P., de Souza, Larissa Pereira, M.S., Geraldi, Matheus Soares, N.G., Giraldo Vasquez, Natalia Giraldo, C., Fabiani, Claudia

AUTHOR FULL NAMES: Bavaresco, Mateus (57201007845); Gnecco, Veronica Martins (57367157500); Pigliautile, Ilaria (57194409282); Piselli, Cristina (56532466200); Bracht, Matheus Korbes (57219266406); Cureau, Roberta Jacoby (57211983386); de Souza, Larissa Pereira (58168997100); Geraldi, Matheus Soares (55354765500); Giraldo Vasquez, Natalia Giraldo (55909865700); Fabiani, Claudia (56856637200)

57201007845; 57367157500; 57194409282; 56532466200; 57219266406; 57211983386; 58168997100; 55354765500; 55909865700; 56856637200

Multi-domain simulation for the holistic assessment of the indoor environment: A systematic review (2024) Journal of Building Engineering, 84, art. no. 108612

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183997289&doi=10.1016%2Fj.jobe.2024.108612&partnerID=40&md5=31f0d2786841b3ae8a4e2da2a3086528>

DOCUMENT TYPE: Review

I., Kousis, Ioannis, A., Martilli, Alberto, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Martilli, Alberto (55921015400); Pisello, Anna Laura (54896291600)

57211821338; 55921015400; 54896291600

Modelling Radiative Coolers for the Built Environment in the Urban Context

(2024) Advanced Sustainable Systems, 8 (5), art. no. 2300523

DOI: 10.1002/adsu.202300523

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179972441&doi=10.1002%2Fadsu.202300523&partnerID=40&md5=8d9632dbd3147c9f635d818551a3041e>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, F., Frota de Albuquerque Landi, Fabiana, L.F., Cabeza, Luisa F., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Frota de Albuquerque Landi, Fabiana (57356587200); Cabeza, Luisa F. (7004085845); Pisello, Anna Laura (54896291600)

56856637200; 57356587200; 7004085845; 54896291600

Sustainability of international research: evidence from an H2020 European project

(2024) Sustainability Science, 19 (2), pp. 423 - 448

DOI: 10.1007/s11625-023-01421-1

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178900221&doi=10.1007%2Fs11625-023-01421-1&partnerID=40&md5=315fd4f9d24e938821fff400915d9786>

DOCUMENT TYPE: Article

V.M., Gnecco, Veronica Martins, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Gnecco, Veronica Martins (57367157500); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57367157500; 57194409282; 54896291600

Exploring office comfort and productivity in living labs: A yearlong structural equation modeling study

(2024) Building and Environment, 250, art. no. 111147

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183163291&doi=10.1016%2Fj.buildenv.2023.111147&partnerID=40&md5=3a10ad5fd27ed017d878c49b01cd73db>

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R., Vestrelli, Roberto, A., Fronzetti Colladon, Andrea, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Vestrelli, Roberto (58764298000); Fronzetti Colladon, Andrea (55876528100); Pisello, Anna Laura (54896291600)

58764298000; 55876528100; 54896291600

When attention to climate change matters: The impact of climate risk disclosure on firm market value

(2024) Energy Policy, 185, art. no. 113938

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179788663&doi=10.1016%2Fj.enpol.2023.113938&partnerID=40&md5=a4cd4d9693fd0aca1db8023fb51e39da>

DOCUMENT TYPE: Article

A., Buonomano, Annamaria, C., Forzano, Cesare, V.M., Gnecco, Veronica Martins, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura, G., Russo, Giuseppe

AUTHOR FULL NAMES: Buonomano, Annamaria (53463179700); Forzano, Cesare (57191498582); Gnecco, Veronica Martins (57367157500); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600); Russo, Giuseppe (57420625900)

53463179700; 57191498582; 57367157500; 57194409282; 54896291600; 57420625900

Enhancing energy efficiency and comfort with a multi-domain approach: Development of a novel human thermoregulatory model for occupant-centric control

(2024) Energy and Buildings, 303, art. no. 113771

DOI: 10.1016/j.enbuild.2023.113771

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179049322&doi=10.1016%2Fj.enbuild.2023.113771&partnerID=40&md5=30c0b1242aad52ec8839c8d66c372419>

DOCUMENT TYPE: Article

F., Vittori, Filippo, A., Fronzetti Colladon, Andrea, C., Chiatti, Chiara, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Vittori, Filippo (57222542373); Fronzetti Colladon, Andrea (55876528100); Chiatti, Chiara (57212227943); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57222542373; 55876528100; 57212227943; 57194409282; 54896291600

Exploring the key factors affecting indoor thermal comfort through virtual reality: Enhancing labor productivity and achieving energy efficiency

(2024) International Journal of Engineering Business Management, 16

DOI: 10.1177/18479790241307464

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211455400&doi=10.1177%2F18479790241307464&partnerID=40&md5=25ef50e583f15fdeec3375a7341917b1>

DOCUMENT TYPE: Article

V.M., Gnecco, Veronica Martins, A., Chiucchiù, Agnese, I., Pigliautile, Ilaria, S.A., Mansi, Silvia Angela, G., Cosoli, Gloria, M., Arnesano, Marco, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Gnecco, Veronica Martins (57367157500); Chiucchiù, Agnese (59259530600); Pigliautile, Ilaria (57194409282); Mansi, Silvia Angela (57226318769); Cosoli, Gloria (56786271100); Arnesano, Marco (56418947300); Pisello, Anna Laura (54896291600)

57367157500; 59259530600; 57194409282; 57226318769; 56786271100; 56418947300;
54896291600

Definition of the Acclimatation Time in Test Room Experiments Through Objective Physiological Indicators

(2024), pp. 1 - 5

DOI: 10.1109/MetroLivEnv60384.2024.10615970

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201196783&doi=10.1109%2FMetroLivEnv60384.2024.10615970&partnerID=40&md5=54b387c949911010899eddaecf9b5a92>

DOCUMENT TYPE: Conference paper

C., Borghesi, Costanza, C., Fabiani, Claudia, A.L., Pisello, Anna Laura, G., Giorgi, Giacomo

AUTHOR FULL NAMES: Borghesi, Costanza (57210582222); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); Giorgi, Giacomo (8343213600)

57210582222; 56856637200; 54896291600; 8343213600

DFT+U Optical Features of Thermochromic VO₂: A Powerful Tool Towards Functional Daytime Radiative Passive Cooling Implementation

(2024) Lecture Notes in Computer Science, 14823 LNCS, pp. 415 - 426

DOI: 10.1007/978-3-031-65329-2_28

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201018840&doi=10.1007%2F978-3-031-65329-2_28&partnerID=40&md5=6b5261b5c10628a1862f503d2196b28a

DOCUMENT TYPE: Conference paper

C., Fabiani, Claudia, A., Muscio, Alberto, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Muscio, Alberto (6701623729); Pisello, Anna Laura (54896291600)

56856637200; 6701623729; 54896291600

Bioinspired daytime radiative cooling performance: a new experimental protocol for scaling up passive cooling through the atmospheric windows

(2024) Proceedings of SPIE - The International Society for Optical Engineering, 12944, art. no. 1294402

DOI: 10.1117/12.3010414

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194828619&doi=10.1117%2F12.3010414&partnerID=40&md5=e3f5180d9994de476c971fb75308eb94>

DOCUMENT TYPE: Conference paper

G., Ulpiani, Giulia, K., Yenneti, Komali, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura, A., Martilli, Alberto, C., Bartesaghi Koc, Carlos, C., Fabiani, Claudia, A., Treville, Aldo, N., Vettters, Nadja, P., Bertoldi, Paolo

AUTHOR FULL NAMES: Ulpiani, Giulia (57056342700); Yenneti, Komali (56811620800); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600); Martilli, Alberto (55921015400); Bartesaghi Koc, Carlos (57190171281); Fabiani, Claudia (56856637200); Treville, Aldo (57188838099); Vettters, Nadja (57226435022); Bertoldi, Paolo (57202943091)

57056342700; 56811620800; 57194409282; 54896291600; 55921015400; 57190171281; 56856637200; 57188838099; 57226435022; 57202943091

Urban heat mitigation and adaptation: the state of the art

(2024), pp. 23 - 90

DOI: 10.1016/B978-0-443-13502-6.00002-6

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85193408687&doi=10.1016%2FB978-0-443-13502-6.00002-6&partnerID=40&md5=90502a33291871692c64270614c665de>

DOCUMENT TYPE: Book chapter

I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57194409282; 54896291600

Introduction

(2024) Advances in Science, Technology and Innovation, pp. 1 - 3

DOI: 10.1007/978-3-031-33863-2_1

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186710352&doi=10.1007%2F978-3-031-33863-2_1&partnerID=40&md5=b5eb7d340812244a09a02a43e13244e5

DOCUMENT TYPE: Conference paper

F., Marchini, F., C., Chiatti, Chiara, C., Fabiani, Claudia, L., Latterini, Loredana, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Marchini, F. (58500461500); Chiatti, Chiara (57212227943); Fabiani, Claudia (56856637200); Latterini, Loredana (23004563600); Pisello, Anna Laura (54896291600)

58500461500; 57212227943; 56856637200; 23004563600; 54896291600

Investigating the relationship between surface roughness and reflectance properties of building materials

(2024) Journal of Physics: Conference Series, 2685 (1), art. no. 012030

DOI: 10.1088/1742-6596/2685/1/012030

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184369583&doi=10.1088%2F1742-6596%2F2685%2F1%2F012030&partnerID=40&md5=312a27f01770e68743bb564ec69f6cde>

DOCUMENT TYPE: Conference paper

C., Chiatti, Chiara, C., Fabiani, Claudia, E.R., Bou-Zeid, Elie R., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Fabiani, Claudia (56856637200); Bou-Zeid, Elie R. (6603009057); Pisello, Anna Laura (54896291600)

57212227943; 56856637200; 6603009057; 54896291600

Evaluating the potential of persistent luminescence in counteracting urban overheating

(2024) Journal of Physics: Conference Series, 2685 (1), art. no. 012029

DOI: 10.1088/1742-6596/2685/1/012029

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184369398&doi=10.1088%2F1742-6596%2F2685%2F1%2F012029&partnerID=40&md5=9907f001d957104c39cf6828abfd15e9>

DOCUMENT TYPE: Conference paper

F., Rosso, Federica, B., Pioppi, Benedetta, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pioppi, Benedetta (57212135352); Pisello, Anna Laura (54896291600)

56830260800; 57212135352; 54896291600

Tactical urban pocket parks (TUPPs) for subjective and objective multi-domain comfort enhancement

(2024) Journal of Environmental Management, 349, art. no. 119447

DOI: 10.1016/j.jenvman.2023.119447

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176319505&doi=10.1016%2Fj.jenvman.2023.119447&partnerID=40&md5=d4da0f8399cc1a27b9a979417e48d33d>

DOCUMENT TYPE: Article

C., Borghesi, Costanza, C., Fabiani, Claudia, R., Bondi, Roberto, L., Latterini, Loredana, I.E., Castelli, Ivano Eligio, A.L., Pisello, Anna Laura, G., Giorgi, Giacomo

AUTHOR FULL NAMES: Borghesi, Costanza (57210582222); Fabiani, Claudia (56856637200); Bondi, Roberto (57211580434); Latterini, Loredana (23004563600); Castelli, Ivano Eligio (25821783000); Pisello, Anna Laura (54896291600); Giorgi, Giacomo (8343213600)

57210582222; 56856637200; 57211580434; 23004563600; 25821783000; 54896291600; 8343213600

Tailoring High-Entropy Oxides as Emerging Radiative Materials for Daytime Passive Cooling

(2023) Chemistry of Materials, 35 (24), pp. 10384 - 10393

DOI: 10.1021/acs.chemmater.3c01205

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177847117&doi=10.1021%2Facs.chemmater.3c01205&partnerID=40&md5=658c39ad8203b87e2ec9d89472987f51>

DOCUMENT TYPE: Article

M., Vellei, Marika, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Vellei, Marika (56951347600); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

56951347600; 57194409282; 54896291600

Effect of time-of-day on human dynamic thermal perception

(2023) Scientific Reports, 13 (1), art. no. 2367

DOI: 10.1038/s41598-023-29615-8

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147788909&doi=10.1038%2Fs41598-023-29615-8&partnerID=40&md5=5cb134ae347c91984b1a05b6390be56b>

DOCUMENT TYPE: Article

I., Kousis, Ioannis, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Pisello, Anna Laura (54896291600)

57211821338; 54896291600

Toward the Scaling up of Daytime Radiative Coolers: A Review

(2023) Advanced Optical Materials, 11 (21), art. no. 2300123

DOI: 10.1002/adom.202300123

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171450725&doi=10.1002%2Fadom.202300123&partnerID=40&md5=72af878522ecf64bef5b2e50cbdb4d13>

DOCUMENT TYPE: Review

F., Frota de Albuquerque Landi, Fabiana, C., Fabiani, Claudia, B., Pioppi, Benedetta, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Frota de Albuquerque Landi, Fabiana (57356587200); Fabiani, Claudia (56856637200); Pioppi, Benedetta (57212135352); Pisello, Anna Laura (54896291600)

57356587200; 56856637200; 57212135352; 54896291600

Sustainable management in the slow fashion industry: carbon footprint of an Italian brand

(2023) International Journal of Life Cycle Assessment, 28 (10), pp. 1229 - 1247

DOI: 10.1007/s11367-023-02205-6

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DOCUMENT TYPE: Article

I., Kousis, Ioannis, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57211821338; 57194409282; 54896291600

Investigating the intra-urban thermal and air quality environment: New transect sensing methodology and measurements

(2023) Measurement: Journal of the International Measurement Confederation, 219, art. no. 113210

DOI: 10.1016/j.measurement.2023.113210

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164711661&doi=10.1016%2Fj.measurement.2023.113210&partnerID=40&md5=add006ab36417110d414855f95067d0e>

DOCUMENT TYPE: Article

F., Marchini, F., C., Chiatti, Chiara, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Marchini, F. (58500461500); Chiatti, Chiara (57212227943); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

58500461500; 57212227943; 56856637200; 54896291600

Development of an innovative translucent–photoluminescent coating for smart windows applications: An experimental and numerical investigation

(2023) Renewable and Sustainable Energy Reviews, 184, art. no. 113530

DOI: 10.1016/j.rser.2023.113530

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165473747&doi=10.1016%2Fj.rser.2023.113530&partnerID=40&md5=05e66bc20f1fe6418d458f88908ca193>

DOCUMENT TYPE: Article

G., Cosoli, Gloria, S.A., Mansi, Silvia Angela, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura, G.M., Revel, Gian Marco, M., Arnesano, Marco

AUTHOR FULL NAMES: Cosoli, Gloria (56786271100); Mansi, Silvia Angela (57226318769); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600); Revel, Gian Marco (55551950400); Arnesano, Marco (56418947300)

56786271100; 57226318769; 57194409282; 54896291600; 55551950400; 56418947300

Enhancing personal comfort: A machine learning approach using physiological and environmental signals measurements

(2023) Measurement: Journal of the International Measurement Confederation, 217, art. no. 113047

DOI: 10.1016/j.measurement.2023.113047

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160022317&doi=10.1016%2Fj.measurement.2023.113047&partnerID=40&md5=3392898010849b357545f3eedbb6cab>

DOCUMENT TYPE: Article

C., Chiatti, Chiara, C., Fabiani, Claudia, R., Bondi, Roberto, G., Zampini, Giulia, L., Latterini, Loredana, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Fabiani, Claudia (56856637200); Bondi, Roberto (57211580434); Zampini, Giulia (57189657946); Latterini, Loredana (23004563600); Pisello, Anna Laura (54896291600)

57212227943; 56856637200; 57211580434; 57189657946; 23004563600; 54896291600

Controlled combination of phosphorescent and fluorescent materials to exploit energy-saving potential in the built environment

(2023) Energy, 275, art. no. 127333

DOI: 10.1016/j.energy.2023.127333

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152438129&doi=10.1016%2Fj.energy.2023.127333&partnerID=40&md5=08b91c77fa13eacb3f6f3fd0d09f24fb>

DOCUMENT TYPE: Article

I., Kousis, Ioannis, R., D'Amato, Roberto, A.L., Pisello, Anna Laura, L., Latterini, Loredana

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); D'Amato, Roberto (57217139539); Pisello, Anna Laura (54896291600); Latterini, Loredana (23004563600)

57211821338; 57217139539; 54896291600; 23004563600

Daytime Radiative Cooling: A Perspective toward Urban Heat Island Mitigation

(2023) ACS Energy Letters, 8 (7), pp. 3239 - 3250

DOI: 10.1021/acsenerylett.3c00905

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164934037&doi=10.1021%2Facsenergylett.3c00905&partnerID=40&md5=95e674a6284d718cc075cf8ef00425ee>

DOCUMENT TYPE: Review

C., Fabiani, Claudia, A., Fronzetti Colladon, Andrea, L., Segneri, Ludovica, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Fronzetti Colladon, Andrea (55876528100); Segneri, Ludovica (57225044222); Pisello, Anna Laura (54896291600)

56856637200; 55876528100; 57225044222; 54896291600

Unveiling the marginal role of energy storage solutions in Italy: Insights from semantic network analysis of online news

(2023) Energy Research and Social Science, 101, art. no. 103136

DOI: 10.1016/j.erss.2023.103136

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159632818&doi=10.1016%2Fj.erss.2023.103136&partnerID=40&md5=d9a300150e99ceecc90e73bc90507b38>

DOCUMENT TYPE: Article

I., Pigliautile, Ilaria, A., Rosati, Antonella, S.A., Mansi, Silvia Angela, M., Arnesano, Marco, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); Rosati, Antonella (58483132300); Mansi, Silvia Angela (57226318769); Arnesano, Marco (56418947300); Pisello, Anna Laura (54896291600)

57194409282; 58483132300; 57226318769; 56418947300; 54896291600

Decoding human perception for building indoor environmental comfort: Testing the Hue-Heat-Hypothesis via physiological and psychological response analysis

(2023) E3S Web of Conferences, 396, art. no. 01029

DOI: 10.1051/e3sconf/202339601029

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164498129&doi=10.1051%2Fe3sconf%2F202339601029&partnerID=40&md5=ed374d014ed69cce15add36b73d0751c>

DOCUMENT TYPE: Conference paper

S., Forastiere, Simone, C., Piselli, Cristina, B., Pioppi, Benedetta, C., Balocco, Carla, F., Scurpi, Fabio, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Forastiere, Simone (58417079700); Piselli, Cristina (56532466200); Pioppi, Benedetta (57212135352); Balocco, Carla (6603095395); Scurpi, Fabio (6504794312); Pisello, Anna Laura (54896291600)

58417079700; 56532466200; 57212135352; 6603095395; 6504794312; 54896291600

Towards Achieving Zero Carbon Targets in Building Retrofits: A Multi-Parameter Building Information Modeling (BIM) Approach Applied to a Case Study of a Thermal Bath

(2023) Energies, 16 (12), art. no. 4757

DOI: 10.3390/en16124757

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163879177&doi=10.3390%2Fen16124757&partnerID=40&md5=75a3804bde566d55e7ddec581ae6cb08>

DOCUMENT TYPE: Article

E., Belloni, Elisa, F., Cotana, F., S., Nakamura, Shuji, A.L., Pisello, Anna Laura, D., Villacci, Domenico

AUTHOR FULL NAMES: Belloni, Elisa (55413036000); Cotana, F. (56231867900); Nakamura, Shuji (57194114920); Pisello, Anna Laura (54896291600); Villacci, Domenico (6602560464)

55413036000; 56231867900; 57194114920; 54896291600; 6602560464

A new smart laser photoluminescent light (LPL) technology for the optimization of the on-street lighting performance and the maximum energy saving: development of a prototype and field tests

(2023) Sustainable Energy, Grids and Networks, 34, art. no. 101064

DOI: 10.1016/j.segan.2023.101064

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159634565&doi=10.1016%2Fj.segan.2023.101064&partnerID=40&md5=4d91e74ec908de90a221d6794e4ddd12>

DOCUMENT TYPE: Article

E., Tarpani, Elena, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Tarpani, Elena (57930148200); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57930148200; 57194409282; 54896291600

On kids' environmental wellbeing and their access to nature in urban heat islands: Hyperlocal microclimate analysis via surveys, modelling, and wearable sensing in urban playgrounds

(2023) Urban Climate, 49, art. no. 101447

DOI: 10.1016/j.uclim.2023.101447

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150917252&doi=10.1016%2Fj.uclim.2023.101447&partnerID=40&md5=b039ba91cace15e629d5c415d9942bea>

DOCUMENT TYPE: Article

I., Kousis, Ioannis, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Pisello, Anna Laura (54896291600)

57211821338; 54896291600

Evaluating the performance of cool pavements for urban heat island mitigation under realistic conditions: A systematic review and meta-analysis

(2023) Urban Climate, 49, art. no. 101470

DOI: 10.1016/j.uclim.2023.101470

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150272845&doi=10.1016%2Fj.uclim.2023.101470&partnerID=40&md5=5e6565acedd9d92787edc01647c12b55>

DOCUMENT TYPE: Review

R.J., Cureau, Roberta Jacoby, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cureau, Roberta Jacoby (57211983386); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57211983386; 57194409282; 54896291600

Seasonal and diurnal variability of a water body's effects on the urban microclimate in a coastal city in Italy

(2023) Urban Climate, 49, art. no. 101437

DOI: 10.1016/j.uclim.2023.101437

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149323452&doi=10.1016%2Fj.uclim.2023.101437&partnerID=40&md5=b46dd6035ec6a42de96b7c57953a7cc4>

DOCUMENT TYPE: Article

C., Chiatti, Chiara, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57212227943; 56856637200; 54896291600

Toward the energy optimization of smart lighting systems through the luminous potential of photoluminescence

(2023) Energy, 266, art. no. 126346

DOI: 10.1016/j.energy.2022.126346

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144624398&doi=10.1016%2Fj.energy.2022.126346&partnerID=40&md5=3270c79cfe7e8afd45b019e289f6528f>

DOCUMENT TYPE: Article

C., Berger, Christiane, A., Mahdavi, Ardeshir, E., Ampatzi, Eleni, S., Crosby, Sarah, R.T., Hellwig, Runa T., D.M., Khovalyg, Dolaana M., A.L., Pisello, Anna Laura, A., Roetzel, Astrid, A.M., Rysanek, Adam Martin, M., Vellei, Marika

AUTHOR FULL NAMES: Berger, Christiane (57210910056); Mahdavi, Ardeshir (7006750113); Ampatzi, Eleni (55326949500); Crosby, Sarah (57211553169); Hellwig, Runa T. (36196638600); Khovalyg,

Dolaana M. (57223358419); Pisello, Anna Laura (54896291600); Roetzel, Astrid (35316379500); Rysanek, Adam Martin (54394269800); Vellei, Marika (56951347600)

57210910056; 7006750113; 55326949500; 57211553169; 36196638600; 57223358419; 54896291600; 35316379500; 54394269800; 56951347600

Thermal Conditions in Indoor Environments: Exploring the Reasoning behind Standard-Based Recommendations

(2023) Energies, 16 (4), art. no. 1587

DOI: 10.3390/en16041587

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149173901&doi=10.3390%2Fen16041587&partnerID=40&md5=ce1d113bcc39c575774faba4a4b1aef3>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, C., Santini, Carolina, M., Barbanera, Marco, T., Giannoni, Tommaso, G., Rubino, Gianluca, F., Cotana, F., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Santini, Carolina (58024763200); Barbanera, Marco (57203196766); Giannoni, Tommaso (57194501926); Rubino, Gianluca (57220697866); Cotana, F. (56231867900); Pisello, Anna Laura (54896291600)

56856637200; 58024763200; 57203196766; 57194501926; 57220697866; 56231867900; 54896291600

Phase change materials-impregnated biomass for energy efficiency in buildings: Innovative material production and multiscale thermophysical characterization

(2023) Journal of Energy Storage, 58, art. no. 106223

DOI: 10.1016/j.est.2022.106223

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144454166&doi=10.1016%2Fj.est.2022.106223&partnerID=40&md5=26a722c08f1d6d30d8e49046d410993d>

DOCUMENT TYPE: Article

V.M., Gnecco, Veronica Martins, F., Vittori, Filippo, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Gnecco, Veronica Martins (57367157500); Vittori, Filippo (57222542373); Pisello, Anna Laura (54896291600)

57367157500; 57222542373; 54896291600

Digital twins for decoding human-building interaction in multi-domain test-rooms for environmental comfort and energy saving via graph representation

(2023) Energy and Buildings, 279, art. no. 112652

DOI: 10.1016/j.enbuild.2022.112652

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143498934&doi=10.1016%2Fj.enbuild.2022.112652&partnerID=40&md5=85b6b30e08fe1dc4aceb4fd81072995d>

DOCUMENT TYPE: Article

G.B., Barone, Giovanni B., A., Buonomano, Annamaria, C., Forzano, Cesare, V.M., Gnecco, Veronica Martins, I., Pigliautile, Iliaria, A.L., Pisello, Anna Laura, G., Russo, Giuseppe

AUTHOR FULL NAMES: Barone, Giovanni B. (57202034121); Buonomano, Annamaria (53463179700); Forzano, Cesare (57191498582); Gnecco, Veronica Martins (57367157500); Pigliautile, Iliaria (57194409282); Pisello, Anna Laura (54896291600); Russo, Giuseppe (57420625900)

57202034121; 53463179700; 57191498582; 57367157500; 57194409282; 54896291600; 57420625900

Building occupants-centered HVAC system management: a multidomain model of the human body for comfort assessment

(2023), 2, pp. 1074 - 1081

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192839897&partnerID=40&md5=0a39b36b64259929712c52771ec380db>

DOCUMENT TYPE: Conference paper

I., Pigliautile, Iliaria, R.J., Cureau, Roberta Jacoby, V.M., Gnecco, Veronica Martins, E., Barna, Edit, L., Belussi, Lorenzo, G., Chinazzo, Giorgia, L., Danza, Ludovico, Z., Deme-Belafi, Zsófia, Z., Deng, Zhipeng, B., Dong, Bing

AUTHOR FULL NAMES: Pigliautile, Iliaria (57194409282); Cureau, Roberta Jacoby (57211983386); Gnecco, Veronica Martins (57367157500); Barna, Edit (36617003000); Belussi, Lorenzo (55203944300); Chinazzo, Giorgia (57188722359); Danza, Ludovico (35757331500); Deme-Belafi, Zsófia (55907308500); Deng, Zhipeng (57207333311); Dong, Bing (35368332400)

57194409282; 57211983386; 57367157500; 36617003000; 55203944300; 57188722359; 35757331500; 55907308500; 57207333311; 35368332400

An international Round Robin Test in test rooms: moving forward together to understand human-building interactions

(2023), 2, pp. 824 - 831

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192834009&partnerID=40&md5=97a9c1dbed1b02134eff44da8e121f48>

DOCUMENT TYPE: Conference paper

R.J., Cureau, Roberta Jacoby, P., Domenighini, Piergiovanni, I., Pigliautile, Ilaria, F., Cotana, F., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cureau, Roberta Jacoby (57211983386); Domenighini, Piergiovanni (57222023523); Pigliautile, Ilaria (57194409282); Cotana, F. (56231867900); Pisello, Anna Laura (54896291600)

57211983386; 57222023523; 57194409282; 56231867900; 54896291600

A MULTI-DOMAIN COMFORT WALK: CROSS-MODAL INTERACTIONS ON ACOUSTIC PERCEPTION
(2023) Proceedings of Forum Acusticum

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191227537&partnerID=40&md5=f725ddb14792a4785b6c2101d72bd8a4>

DOCUMENT TYPE: Conference paper

I., Peralta, Ignacio, C., Fabiani, Claudia, V.D., Fachinotti, Víctor D., A., Caggiano, Antonio, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Peralta, Ignacio (57192153718); Fabiani, Claudia (56856637200); Fachinotti, Víctor D. (6602460999); Caggiano, Antonio (54916174800); Pisello, Anna Laura (54896291600)

57192153718; 56856637200; 6602460999; 54916174800; 54896291600

Numerical modelling and experimental validation of multilayer daytime radiative coolers
(2023) fib Symposium, pp. 513 - 521

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186640450&partnerID=40&md5=ec3ad891fbdecb3e8e5ef9008ea71b5d>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, C., Piselli, Cristina, B., Pioppi, Benedetta

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Piselli, Cristina (56532466200); Pioppi, Benedetta (57212135352)

54896291600; 56532466200; 57212135352

Background: The current energy community implementation state in the EU
(2023), pp. 19 - 32

DOI: 10.1201/9781003267171-2

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180878347&doi=10.1201%2F9781003267171-2&partnerID=40&md5=866efc08b1ca5c6f3cf3e17cb6ff4a99>

DOCUMENT TYPE: Book chapter

C., Piselli, Cristina, S., Cavagnoli, Silvia, A.L., Pisello, Anna Laura, C., Fabiani, Claudia, F., Cotana, F.

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Cavagnoli, Silvia (57844526000); Pisello, Anna Laura (54896291600); Fabiani, Claudia (56856637200); Cotana, F. (56231867900)

56532466200; 57844526000; 54896291600; 56856637200; 56231867900

Part 2: Community-level strategies for microclimate mitigation and energy efficiency improvement (2023), pp. 89 - 101

DOI: 10.1201/9781003267171-7

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180841802&doi=10.1201%2F9781003267171-7&partnerID=40&md5=6bd3475ab092d7f6664d0e1bdbc24780>

DOCUMENT TYPE: Book chapter

V.M., Gnecco, Veronica Martins, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Gnecco, Veronica Martins (57367157500); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57367157500; 57194409282; 54896291600

Personal comfort models in long-term monitoring using physiological data from wearable sensors (2023) Journal of Physics: Conference Series, 2600 (9), art. no. 092005

DOI: 10.1088/1742-6596/2600/9/092005

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180147526&doi=10.1088%2F1742-6596%2F2600%2F9%2F092005&partnerID=40&md5=512e16051913841deeab7b5575c24d5c>

DOCUMENT TYPE: Conference paper

V.M., Gnecco, Veronica Martins, F., Vittori, Filippo, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Gnecco, Veronica Martins (57367157500); Vittori, Filippo (57222542373); Pisello, Anna Laura (54896291600)

57367157500; 57222542373; 54896291600

BIM interoperability: graph neural networks as an alternative for data communication and relationship establishment in human-centric studies

(2023) Building Simulation Conference Proceedings, 18, pp. 1055 - 1061

DOI: 10.26868/25222708.2023.1290

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179502295&doi=10.26868%2F25222708.2023.1290&partnerID=40&md5=4617e091129840ab63a2bb8e9b44da56>

DOCUMENT TYPE: Conference paper

A., Meoni, Andrea, C., Fabiani, Claudia, A., D'Alessandro, Antonella, A.L., Pisello, Anna Laura, F., Ubertini, Filippo

AUTHOR FULL NAMES: Meoni, Andrea (57195483107); Fabiani, Claudia (56856637200); D'Alessandro, Antonella (57221530184); Pisello, Anna Laura (54896291600); Ubertini, Filippo (55891659200)

57195483107; 56856637200; 57221530184; 54896291600; 55891659200

Smart-Earth Multifunctional Cement Composites for Sustainable Constructions: Thermal and Sensing Characterization

(2023) RILEM Bookseries, 43, pp. 1199 - 1208

DOI: 10.1007/978-3-031-33211-1_107

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162139008&doi=10.1007%2F978-3-031-33211-1_107&partnerID=40&md5=c8e93493b3476c259e4eccc21555f35b

DOCUMENT TYPE: Book chapter

C., Santini, Carolina, C., Fabiani, Claudia, A., D'Alessandro, Antonella, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Santini, Carolina (58024763200); Fabiani, Claudia (56856637200); D'Alessandro, Antonella (57221530184); Pisello, Anna Laura (54896291600)

58024763200; 56856637200; 57221530184; 54896291600

Phase Change Materials Shape Stabilized in Biochar for Energy Efficiency and Structural Strength Enhancement in Buildings

(2023) RILEM Bookseries, 43, pp. 1222 - 1231

DOI: 10.1007/978-3-031-33211-1_109

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162121438&doi=10.1007%2F978-3-031-33211-1_109&partnerID=40&md5=c3bbb278c918d279745c8407896efa5d

DOCUMENT TYPE: Book chapter

C., Santini, Carolina, C., Fabiani, Claudia, I., Kousis, Ioannis, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Santini, Carolina (58024763200); Fabiani, Claudia (56856637200); Kousis, Ioannis (57211821338); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

58024763200; 56856637200; 57211821338; 54896291600; 56231867900

Thermal-Acoustic and Indoor Comfort Performance of Nature-Based Materials for Green Buildings
(2023) Springer Tracts in Civil Engineering, pp. 101 - 114

DOI: 10.1007/978-3-031-23507-8_6

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158086091&doi=10.1007%2F978-3-031-23507-8_6&partnerID=40&md5=728f40953956a9281832da364d3269df

DOCUMENT TYPE: Book chapter

F., Frota de Albuquerque Landi, Fabiana, C., Fabiani, Claudia, C., Santini, Carolina, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Frota de Albuquerque Landi, Fabiana (57356587200); Fabiani, Claudia (56856637200); Santini, Carolina (58024763200); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

57356587200; 56856637200; 58024763200; 54896291600; 56231867900

Environmental Sustainability of Earth-Based Materials for the Carbon Neutrality of the Built Environment

(2023) Springer Tracts in Civil Engineering, pp. 85 - 100

DOI: 10.1007/978-3-031-23507-8_5

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158075324&doi=10.1007%2F978-3-031-23507-8_5&partnerID=40&md5=dcad42c149f156b707bab5beee208d5c

DOCUMENT TYPE: Book chapter

V.M., Gnecco, Veronica Martins, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Gnecco, Veronica Martins (57367157500); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57367157500; 57194409282; 54896291600

Long-Term Thermal Comfort Monitoring via Wearable Sensing Techniques: Correlation between Environmental Metrics and Subjective Perception

(2023) Sensors, 23 (2), art. no. 576

DOI: 10.3390/s23020576

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146618950&doi=10.3390%2Fs23020576&partnerID=40&md5=5dcd84308dd5326cca29432b13497d96>

DOCUMENT TYPE: Article

L., Boquera, Laura, J.R., Castro, J. Ramon, A.L., Pisello, Anna Laura, C., Fabiani, Claudia, A., D'Alessandro, Antonella, F., Ubertini, Filippo, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Boquera, Laura (57205210813); Castro, J. Ramon (57204730565); Pisello, Anna Laura (54896291600); Fabiani, Claudia (56856637200); D'Alessandro, Antonella (57221530184); Ubertini, Filippo (55891659200); Cabeza, Luisa F. (7004085845)

57205210813; 57204730565; 54896291600; 56856637200; 57221530184; 55891659200; 7004085845

Effect of the curing process on the thermomechanical properties of calcium aluminate cement paste under thermal cycling at high temperatures for thermal energy storage applications

(2022) Journal of Energy Storage, 56, art. no. 106039

DOI: 10.1016/j.est.2022.106039

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141465479&doi=10.1016%2Fj.est.2022.106039&partnerID=40&md5=64bdf7d9b56095703c0e405cbe1f9506>

DOCUMENT TYPE: Article

G., Chinazzo, Giorgia, R.K., Andersen, Rune Korsholm, E., Azar, Elie, V.M., Barthelmes, Verena Marie, C., Becchio, Cristina, L., Belussi, Lorenzo, C., Berger, Christiane, S., Carlucci, Salvatore, S.P., Corgnati, Stefano Paolo, S., Crosby, Sarah

AUTHOR FULL NAMES: Chinazzo, Giorgia (57188722359); Andersen, Rune Korsholm (59455626300); Azar, Elie (36975172200); Barthelmes, Verena Marie (57170605200); Becchio, Cristina (57197742387); Belussi, Lorenzo (55203944300); Berger, Christiane (57210910056); Carlucci, Salvatore (55331189400); Corgnati, Stefano Paolo (14627354500); Crosby, Sarah (57211553169)

57188722359; 59455626300; 36975172200; 57170605200; 57197742387; 55203944300; 57210910056; 55331189400; 14627354500; 57211553169

Quality criteria for multi-domain studies in the indoor environment: Critical review towards research guidelines and recommendations

(2022) Building and Environment, 226, art. no. 109719

DOI: 10.1016/j.buildenv.2022.109719

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142001501&doi=10.1016%2Fj.buildenv.2022.109719&partnerID=40&md5=16bdeff6fbce3e2a6220bb2f188ee1ac>

DOCUMENT TYPE: Review

B., Dong, Bing, Y., Liu, Yapan, W., Mu, Wei, Z., Jiang, Zixin, P.R., Pandey, Pratik Raj, T., Hong, Tianzhen, B.W., Olesen, Bjarne Wilkens, T.M., Lawrence, Thomas Mark, Z., O'Neil, Zheng, C.J., Andrews, Clinton J.

AUTHOR FULL NAMES: Dong, Bing (35368332400); Liu, Yapan (57218531312); Mu, Wei (57768442400); Jiang, Zixin (57767475500); Pandey, Pratik Raj (57767958100); Hong, Tianzhen (7202830430); Olesen, Bjarne Wilkens (55257262900); Lawrence, Thomas Mark (16555480700); O'Neil, Zheng (57768442500); Andrews, Clinton J. (7201809349)

35368332400; 57218531312; 57768442400; 57767475500; 57767958100; 7202830430; 55257262900; 16555480700; 57768442500; 7201809349

A Global Building Occupant Behavior Database

(2022) Scientific Data, 9 (1), art. no. 369

DOI: 10.1038/s41597-022-01475-3

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132992925&doi=10.1038%2Fs41597-022-01475-3&partnerID=40&md5=a2361a78508635566a696a33204192bc>

DOCUMENT TYPE: Data paper

I., Kousis, Ioannis, M., Manni, Mattia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Manni, Mattia (57195991025); Pisello, Anna Laura (54896291600)

57211821338; 57195991025; 54896291600

Environmental mobile monitoring of urban microclimates: A review

(2022) Renewable and Sustainable Energy Reviews, 169, art. no. 112847

DOI: 10.1016/j.rser.2022.112847

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138103032&doi=10.1016%2Fj.rser.2022.112847&partnerID=40&md5=e459ba0cf4f899bf7357c6458725f578>

DOCUMENT TYPE: Review

C., Fabiani, Claudia, S., Cavagnoli, Silvia, C., Chiatti, Chiara, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Cavagnoli, Silvia (57844526000); Chiatti, Chiara (57212227943); Pisello, Anna Laura (54896291600)

56856637200; 57844526000; 57212227943; 54896291600

Management of disposable surgical masks for tackling pandemic-generated pollution: Thermo-acoustic investigations and life cycle assessment of novel recycled building panels

(2022) Resources, Conservation and Recycling, 186, art. no. 106509

DOI: 10.1016/j.resconrec.2022.106509

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135877339&doi=10.1016%2Fj.resconrec.2022.106509&partnerID=40&md5=b3cc8ee4107e5258b602f1f497241808>

DOCUMENT TYPE: Article

C., Piselli, Cristina, A.L., Pisello, Anna Laura, B.K., Sovacool, Benjamin K.

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Pisello, Anna Laura (54896291600); Sovacool, Benjamin K. (9333655700)

56532466200; 54896291600; 9333655700

From social science surveys to building energy modeling: Investigating user-building interaction for low-carbon heating solutions in Europe

(2022) Energy Reports, 8, pp. 7188 - 7199

DOI: 10.1016/j.egyr.2022.05.119

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131415348&doi=10.1016%2Fj.egyr.2022.05.119&partnerID=40&md5=080c23e9b79e6b920651addac3bc4a6>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, M., Gambucci, Marta, C., Chiatti, Chiara, G., Zampini, Giulia, L., Latterini, Loredana, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Gambucci, Marta (57189659654); Chiatti, Chiara (57212227943); Zampini, Giulia (57189657946); Latterini, Loredana (23004563600); Pisello, Anna Laura (54896291600)

56856637200; 57189659654; 57212227943; 57189657946; 23004563600; 54896291600

Towards field implementation of photoluminescence in the built environment for passive cooling and lighting energy efficiency

(2022) Applied Energy, 324, art. no. 119687

DOI: 10.1016/j.apenergy.2022.119687

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135324491&doi=10.1016%2Fj.apenergy.2022.119687&partnerID=40&md5=c702d33282c25c56673882188937a224>

DOCUMENT TYPE: Article

E., Tarpani, Elena, C., Piselli, Cristina, C., Fabiani, Claudia, I., Pigliautile, Ilaria, E.J., Kingma, Eelke J., B., Pioppi, Benedetta, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Tarpani, Elena (57930148200); Piselli, Cristina (56532466200); Fabiani, Claudia (56856637200); Pigliautile, Ilaria (57194409282); Kingma, Eelke J. (57929767400); Pioppi, Benedetta (57212135352); Pisello, Anna Laura (54896291600)

57930148200; 56532466200; 56856637200; 57194409282; 57929767400; 57212135352; 54896291600

Energy Communities Implementation in the European Union: Case Studies from Pioneer and Laggard Countries

(2022) Sustainability (Switzerland), 14 (19), art. no. 12528

DOI: 10.3390/su141912528

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139932706&doi=10.3390%2Fsu141912528&partnerID=40&md5=238c936eded2047b6c2bd0853dfb3df7>

DOCUMENT TYPE: Article

R.J., Cureau, Roberta Jacoby, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura, M., Bavaresco, Mateus, C., Berger, Christiane, G., Chinazzo, Giorgia, Z., Deme-Belafi, Zsófia, A., Ghahramani, Ali, A., Heydarian, Arsalan, D., Kastner, D.

AUTHOR FULL NAMES: Cureau, Roberta Jacoby (57211983386); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600); Bavaresco, Mateus (57201007845); Berger, Christiane (57210910056); Chinazzo, Giorgia (57188722359); Deme-Belafi, Zsófia (55907308500); Ghahramani, Ali (55923441000); Heydarian, Arsalan (51461492400); Kastner, D. (57225114120)

57211983386; 57194409282; 54896291600; 57201007845; 57210910056; 57188722359; 55907308500; 55923441000; 51461492400; 57225114120

Bridging the gap from test rooms to field-tests for human indoor comfort studies: A critical review of the sustainability potential of living laboratories

(2022) Energy Research and Social Science, 92, art. no. 102778

DOI: 10.1016/j.erss.2022.102778

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138572463&doi=10.1016%2Fj.erss.2022.102778&partnerID=40&md5=8f93bd87218a8aea78cdec8b2b05eb01>

DOCUMENT TYPE: Review

R.J., Cureau, Roberta Jacoby, I., Pigliautile, Ilaria, I., Kousis, Ioannis, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cureau, Roberta Jacoby (57211983386); Pigliautile, Ilaria (57194409282); Kousis, Ioannis (57211821338); Pisello, Anna Laura (54896291600)

57211983386; 57194409282; 57211821338; 54896291600

Multi-domain human-oriented approach to evaluate human comfort in outdoor environments

(2022) International Journal of Biometeorology, 66 (10), pp. 2033 - 2045

DOI: 10.1007/s00484-022-02338-7

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135787740&doi=10.1007%2Fs00484-022-02338-7&partnerID=40&md5=fc95c90631932d761cce390af05d7217>

DOCUMENT TYPE: Article

C., Piselli, Cristina, A., Fronzetti Colladon, Andrea, L., Segneri, Ludovica, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Fronzetti Colladon, Andrea (55876528100); Segneri, Ludovica (57225044222); Pisello, Anna Laura (54896291600)

56532466200; 55876528100; 57225044222; 54896291600

Evaluating and improving social awareness of energy communities through semantic network analysis of online news

(2022) Renewable and Sustainable Energy Reviews, 167, art. no. 112792

DOI: 10.1016/j.rser.2022.112792

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135367254&doi=10.1016%2Fj.rser.2022.112792&partnerID=40&md5=c99290dc7c527eeb8e64b363f37dd97f>

DOCUMENT TYPE: Article

L., Boquera, Laura, J.R., Castro, J. Ramon, A.L., Pisello, Anna Laura, C., Fabiani, Claudia, A., D'Alessandro, Antonella, F., Ubertini, Filippo, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Boquera, Laura (57205210813); Castro, J. Ramon (57204730565); Pisello, Anna Laura (54896291600); Fabiani, Claudia (56856637200); D'Alessandro, Antonella (57221530184); Ubertini, Filippo (55891659200); Cabeza, Luisa F. (7004085845)

57205210813; 57204730565; 54896291600; 56856637200; 57221530184; 55891659200; 7004085845

Thermo-mechanical stability of supplementary cementitious materials in cement paste to be incorporated in concrete as thermal energy storage material at high temperatures

(2022) Journal of Energy Storage, 54, art. no. 105370

DOI: 10.1016/j.est.2022.105370

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134893163&doi=10.1016%2Fj.est.2022.105370&partnerID=40&md5=bb84aafe6c77cbc1c6e1604e9a08891e>

DOCUMENT TYPE: Article

F., Frota de Albuquerque Landi, Fabiana, C., Fabiani, Claudia, A.L., Pisello, Anna Laura, A., Petrozzi, Alessandro, D., Milone, Daniele, F., Cotana, F.

AUTHOR FULL NAMES: Frota de Albuquerque Landi, Fabiana (57356587200); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); Petrozzi, Alessandro (56029197100); Milone, Daniele (55503985200); Cotana, F. (56231867900)

57356587200; 56856637200; 54896291600; 56029197100; 55503985200; 56231867900

Environmental Assessment of an Innovative High-Performance Experimental Agriculture Field

(2022) Sustainability (Switzerland), 14 (17), art. no. 10462

DOI: 10.3390/su141710462

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137944899&doi=10.3390%2Fsu141710462&partnerID=40&md5=e922abc0e3a274499037ced51dd7edd9>

DOCUMENT TYPE: Article

S.A., Mansi, Silvia Angela, I., Pigliautile, Ilaria, M., Arnesano, Marco, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Mansi, Silvia Angela (57226318769); Pigliautile, Ilaria (57194409282); Arnesano, Marco (56418947300); Pisello, Anna Laura (54896291600)

57226318769; 57194409282; 56418947300; 54896291600

A novel methodology for human thermal comfort decoding via physiological signals measurement and analysis

(2022) Building and Environment, 222, art. no. 109385

DOI: 10.1016/j.buildenv.2022.109385

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134763452&doi=10.1016%2Fj.buildenv.2022.109385&partnerID=40&md5=7cfc415ccf12a9b257e5a25040b2f493>

DOCUMENT TYPE: Article

C., Piselli, Cristina, C., Balocco, Carla, I., Pigliautile, Ilaria, C., Fabiani, Claudia, R.J., Cureau, Roberta Jacoby, F., Scieurpi, Fabio, C., Carletti, Cristina, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Balocco, Carla (6603095395); Pigliautile, Ilaria (57194409282); Fabiani, Claudia (56856637200); Cureau, Roberta Jacoby (57211983386); Scieurpi, Fabio (6504794312); Carletti, Cristina (57188747437); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

56532466200; 6603095395; 57194409282; 56856637200; 57211983386; 6504794312; 57188747437; 54896291600; 56231867900

Microclimate Assessment at Real Experimental Conditions for Green Energy Urban Policy

(2022) International Journal of Sustainable Development and Planning, 17 (5), pp. 1381 - 1387

DOI: 10.18280/ijstdp.170501

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139017835&doi=10.18280%2Fijstdp.170501&partnerID=40&md5=0c521951cb4d5f197edbfab1ce84b32>

DOCUMENT TYPE: Article

C., Chiatti, Chiara, I., Kousis, Ioannis, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Kousis, Ioannis (57211821338); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57212227943; 57211821338; 56856637200; 54896291600

Effect of optimized photoluminescence on luminous and passive cooling potential: A new combined experimental and numerical approach applied to yellow-emitting glass tiles

(2022) Renewable Energy, 196, pp. 28 - 39

DOI: 10.1016/j.renene.2022.06.027

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133529211&doi=10.1016%2Fj.renene.2022.06.027&partnerID=40&md5=c23f6a4d0a6ccad733b16e65f7132cda>

DOCUMENT TYPE: Article

M., Chàfer, Marta, C.L., Tan, Chun Liang, R.J., Cureau, Roberta Jacoby, N.H., Wong, Nyuk Hien, A.L., Pisello, Anna Laura, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Chàfer, Marta (57193771299); Tan, Chun Liang (37087871400); Cureau, Roberta Jacoby (57211983386); Wong, Nyuk Hien (7202836613); Pisello, Anna Laura (54896291600); Cabeza, Luisa F. (7004085845)

57193771299; 37087871400; 57211983386; 7202836613; 54896291600; 7004085845

Mobile measurements of microclimatic variables through the central area of Singapore: An analysis from the pedestrian perspective

(2022) Sustainable Cities and Society, 83, art. no. 103986

DOI: 10.1016/j.scs.2022.103986

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133270658&doi=10.1016%2Fj.scs.2022.103986&partnerID=40&md5=b2fd90436887cd4ed7e4830b80baa684>

DOCUMENT TYPE: Article

M., Bavaresco, Mateus, I., Kousis, Ioannis, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura, C., Piselli, Cristina, E., Ghisi, E.

AUTHOR FULL NAMES: Bavaresco, Mateus (57201007845); Kousis, Ioannis (57211821338); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600); Piselli, Cristina (56532466200); Ghisi, E. (8859872400)

57201007845; 57211821338; 57194409282; 54896291600; 56532466200; 8859872400

Are years-long field studies about window operation efficient? a data-driven approach based on information theory and deep learning

(2022) Energy and Buildings, 268, art. no. 112197

DOI: 10.1016/j.enbuild.2022.112197

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131414269&doi=10.1016%2Fj.enbuild.2022.112197&partnerID=40&md5=6cda3cc592a130129c429606f675d740>

DOCUMENT TYPE: Article

B., Pioppi, Benedetta, A.L., Pisello, Anna Laura, P., Ramamurthy, Prathap

AUTHOR FULL NAMES: Pioppi, Benedetta (57212135352); Pisello, Anna Laura (54896291600); Ramamurthy, Prathap (7005412075)

57212135352; 54896291600; 7005412075

Wearable sensing techniques to understand pedestrian-level outdoor microclimate affecting heat related risk in urban parks

(2022) Solar Energy, 242, pp. 397 - 412

DOI: 10.1016/j.solener.2021.05.076

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107654018&doi=10.1016%2Fj.solener.2021.05.076&partnerID=40&md5=c23d3c1b94832d55c891e4a253fbd78b>

DOCUMENT TYPE: Article

A., Meoni, Andrea, C., Fabiani, Claudia, A., D'Alessandro, Antonella, A.L., Pisello, Anna Laura, F., Ubertini, Filippo

AUTHOR FULL NAMES: Meoni, Andrea (57195483107); Fabiani, Claudia (56856637200); D'Alessandro, Antonella (57221530184); Pisello, Anna Laura (54896291600); Ubertini, Filippo (55891659200)

57195483107; 56856637200; 57221530184; 54896291600; 55891659200

Strain-sensing smart bricks under dynamic environmental conditions: Experimental investigation and new modeling

(2022) Construction and Building Materials, 336, art. no. 127375

DOI: 10.1016/j.conbuildmat.2022.127375

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129308684&doi=10.1016%2Fj.conbuildmat.2022.127375&partnerID=40&md5=52ad55d1d43b7a3580d1fc78a9513543>

DOCUMENT TYPE: Article

L., Boquera, Laura, J.R., Castro, J. Ramon, A.G., Fernández, A. G., A., Navarro, Antònia, A.L., Pisello, Anna Laura, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Boquera, Laura (57205210813); Castro, J. Ramon (57204730565); Fernández, A. G. (35477005700); Navarro, Antònia (55949094300); Pisello, Anna Laura (54896291600); Cabeza, Luisa F. (7004085845)

57205210813; 57204730565; 35477005700; 55949094300; 54896291600; 7004085845

Thermo-mechanical stability of concrete containing steel slag as aggregate after high temperature thermal cycles

(2022) Solar Energy, 239, pp. 59 - 73

DOI: 10.1016/j.solener.2022.04.062

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129695275&doi=10.1016%2Fj.solener.2022.04.062&partnerID=40&md5=ced4c81af79b37804e61d7b92cfca905>

DOCUMENT TYPE: Article

A., Meoni, Andrea, F., Vittori, Filippo, C., Piselli, Cristina, A., D'Alessandro, Antonella, A.L., Pisello, Anna Laura, F., Ubertini, Filippo

AUTHOR FULL NAMES: Meoni, Andrea (57195483107); Vittori, Filippo (57222542373); Piselli, Cristina (56532466200); D'Alessandro, Antonella (57221530184); Pisello, Anna Laura (54896291600); Ubertini, Filippo (55891659200)

57195483107; 57222542373; 56532466200; 57221530184; 54896291600; 55891659200

Integration of structural performance and human-centric comfort monitoring in historical building information modeling

(2022) Automation in Construction, 138, art. no. 104220

DOI: 10.1016/j.autcon.2022.104220

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127709457&doi=10.1016%2Fj.autcon.2022.104220&partnerID=40&md5=460391d8f9bacadfc2b6bd786cd42cd0>

DOCUMENT TYPE: Article

M., Manni, Mattia, C., Fabiani, Claudia, A., Nicolini, Andrea, A.L., Pisello, Anna Laura, F., Rossi, Federico, F., Cotana, F.

AUTHOR FULL NAMES: Manni, Mattia (57195991025); Fabiani, Claudia (56856637200); Nicolini, Andrea (57193752460); Pisello, Anna Laura (54896291600); Rossi, Federico (7401756467); Cotana, F. (56231867900)

57195991025; 56856637200; 57193752460; 54896291600; 7401756467; 56231867900

Assessment of operating temperature within the new pavilion for slag management in Terni

(2022) Journal of Physics: Conference Series, 2177 (1), art. no. 012008

DOI: 10.1088/1742-6596/2177/1/012008

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128847478&doi=10.1088%2F1742-6596%2F2177%2F1%2F012008&partnerID=40&md5=0db26b3e04c626affaf9de6ff4aee64c>

DOCUMENT TYPE: Conference paper

F., Rosso, Federica, B., Pioppi, Benedetta, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pioppi, Benedetta (57212135352); Pisello, Anna Laura (54896291600)

56830260800; 57212135352; 54896291600

Pocket parks for human-centered urban climate change resilience: Microclimate field tests and multi-domain comfort analysis through portable sensing techniques and citizens' science

(2022) Energy and Buildings, 260, art. no. 111918

DOI: 10.1016/j.enbuild.2022.111918

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124488283&doi=10.1016%2Fj.enbuild.2022.111918&partnerID=40&md5=c9e468397b121f70baef4d39536b72e8>

DOCUMENT TYPE: Article

I., Kousis, Ioannis, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57211821338; 56856637200; 54896291600

Could a bio-resin and transparent pavement improve the urban environment? An in field thermo-optical investigation and life-cycle assessment

(2022) Sustainable Cities and Society, 79, art. no. 103597

DOI: 10.1016/j.scs.2021.103597

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124320790&doi=10.1016%2Fj.scs.2021.103597&partnerID=40&md5=c399514f6932837e0f73ab10a7219b9d>

DOCUMENT TYPE: Article

F., Asdrubali, Francesco, C., Guattari, Claudia, M., Roncone, Marta, G., Baldinelli, G., E., Gul, Eid, C., Piselli, Cristina, A.L., Pisello, Anna Laura, A., Presciutti, Andrea, F., Bianchi, F., L., Pompei, L.

AUTHOR FULL NAMES: Asdrubali, Francesco (57215601725); Guattari, Claudia (36470228000); Roncone, Marta (57219372236); Baldinelli, G. (55377439400); Gul, Eid (57205630527); Piselli, Cristina (56532466200); Pisello, Anna Laura (54896291600); Presciutti, Andrea (55327749800); Bianchi, F. (57217066171); Pompei, L. (57204643847)

57215601725; 36470228000; 57219372236; 55377439400; 57205630527; 56532466200;
54896291600; 55327749800; 57217066171; 57204643847

A Round Robin Test on the dynamic simulation and the LEED protocol evaluation of a green building

(2022) Sustainable Cities and Society, 78, art. no. 103654

DOI: 10.1016/j.scs.2021.103654

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123248651&doi=10.1016%2Fj.scs.2021.103654&partnerID=40&md5=313b55a484ee13e7cb5b287a653fbcd3>

DOCUMENT TYPE: Article

F., Vittori, Filippo, C., Chiatti, Chiara, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Vittori, Filippo (57222542373); Chiatti, Chiara (57212227943); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57222542373; 57212227943; 57194409282; 54896291600

The NEXT.ROOM: Design principles and systems trials of a novel test room aimed at deepening our knowledge on human comfort

(2022) Building and Environment, 211, art. no. 108744

DOI: 10.1016/j.buildenv.2021.108744

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122944560&doi=10.1016%2Fj.buildenv.2021.108744&partnerID=40&md5=3833dce831bfd3ba630a06cc90c9c021>

DOCUMENT TYPE: Article

F., Frota de Albuquerque Landi, Fabiana, C., Fabiani, Claudia, A., D'Alessandro, Antonella, F., Ubertini, Filippo, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Frota de Albuquerque Landi, Fabiana (57356587200); Fabiani, Claudia (56856637200); D'Alessandro, Antonella (57221530184); Ubertini, Filippo (55891659200); Pisello, Anna Laura (54896291600)

57356587200; 56856637200; 57221530184; 55891659200; 54896291600

Life cycle assessment of a novel fired smart clay brick monitoring system for masonry buildings

(2022) Sustainable Energy Technologies and Assessments, 50, art. no. 101745

DOI: 10.1016/j.seta.2021.101745

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120163346&doi=10.1016%2Fj.seta.2021.101745&partnerID=40&md5=5e4e613ea4c9a085aec77ec186d7ac0c>

DOCUMENT TYPE: Article

V., Ntouros, Vasileios, I., Kousis, Ioannis, A.L., Pisello, Anna Laura, M.N., Assimakopoulos, Margarita Niki

AUTHOR FULL NAMES: Ntouros, Vasileios (57218001129); Kousis, Ioannis (57211821338); Pisello, Anna Laura (54896291600); Assimakopoulos, Margarita Niki (6507962457)

57218001129; 57211821338; 54896291600; 6507962457

Binding Materials for MOF Monolith Shaping Processes: A Review towards Real Life Application

(2022) Energies, 15 (4), art. no. 1489

DOI: 10.3390/en15041489

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125072087&doi=10.3390%2Fen15041489&partnerID=40&md5=98f5524795417157b7d4bec540399379>

DOCUMENT TYPE: Article

F., Frota de Albuquerque Landi, Fabiana, C., Fabiani, Claudia, B., Castellani, Beatrice, F., Cotana, F., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Frota de Albuquerque Landi, Fabiana (57356587200); Fabiani, Claudia (56856637200); Castellani, Beatrice (55237475900); Cotana, F. (56231867900); Pisello, Anna Laura (54896291600)

57356587200; 56856637200; 55237475900; 56231867900; 54896291600

Environmental assessment of four waste cooking oil valorization pathways

(2022) Waste Management, 138, pp. 219 - 233

DOI: 10.1016/j.wasman.2021.11.037

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120847499&doi=10.1016%2Fj.wasman.2021.11.037&partnerID=40&md5=eaf02f24a5fd6834d656eb81123138da>

DOCUMENT TYPE: Article

J., Tarragona, Joan, A.L., Pisello, Anna Laura, C., Fernández, César, L.F., Cabeza, Luisa F., J., Payá, Jorge, J., Marchante-Avellaneda, Javier, A., de Gracia, A.

AUTHOR FULL NAMES: Tarragona, Joan (57204002141); Pisello, Anna Laura (54896291600); Fernández, César (55733319700); Cabeza, Luisa F. (7004085845); Payá, Jorge (36148244300); Marchante-Avellaneda, Javier (57202093047); de Gracia, A. (35799440200)

57204002141; 54896291600; 55733319700; 7004085845; 36148244300; 57202093047; 35799440200

Analysis of thermal energy storage tanks and PV panels combinations in different buildings controlled through model predictive control

(2022) Energy, 239, art. no. 122201

DOI: 10.1016/j.energy.2021.122201

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116695155&doi=10.1016%2Fj.energy.2021.122201&partnerID=40&md5=913a8b693b0b4ac078a37925a5565ae9>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

56856637200; 54896291600

Passive TES With PCM

(2022), 1-4, pp. 438 - 452

DOI: 10.1016/B978-0-12-819723-3.00037-8

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151722936&doi=10.1016%2FB978-0-12-819723-3.00037-8&partnerID=40&md5=f95dfbf8b603285cf118ca7924236e37>

DOCUMENT TYPE: Book chapter

C., Chiatti, Chiara, I., Kousis, Ioannis, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Kousis, Ioannis (57211821338); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57212227943; 57211821338; 56856637200; 54896291600

Luminescence for the built environment: from lighting to urban heat island mitigation purposes

(2022), pp. 47 - 69

DOI: 10.1016/B978-0-323-85539-6.00005-6

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141258406&doi=10.1016%2FB978-0-323-85539-6.00005-6&partnerID=40&md5=e61a6dbff7b2bb89319590b0374bf5e4>

DOCUMENT TYPE: Book chapter

S.A., Mansi, Silvia Angela, G., Cosoli, Gloria, A.L., Pisello, Anna Laura, I., Pigliautile, Ilaria, G.M., Revel, Gian Marco, M., Arnesano, Marco

AUTHOR FULL NAMES: Mansi, Silvia Angela (57226318769); Cosoli, Gloria (56786271100); Pisello, Anna Laura (54896291600); Pigliautile, Ilaria (57194409282); Revel, Gian Marco (55551950400); Arnesano, Marco (56418947300)

57226318769; 56786271100; 54896291600; 57194409282; 55551950400; 56418947300

Thermal discomfort in the workplace: measurement through the combined use of wearable sensors and machine learning algorithms

(2022), pp. 54 - 59

DOI: 10.1109/MetroInd4.0IoT54413.2022.9831610

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136139033&doi=10.1109%2FMetroInd4.0IoT54413.2022.9831610&partnerID=40&md5=ebd1a72825018c67351eb12bf8b17e47>

DOCUMENT TYPE: Conference paper

C., Borghesi, Costanza, C., Fabiani, Claudia, A.L., Pisello, Anna Laura, G., Giorgi, Giacomo

AUTHOR FULL NAMES: Borghesi, Costanza (57210582222); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); Giorgi, Giacomo (8343213600)

57210582222; 56856637200; 54896291600; 8343213600

Quantum Confinement Effects in Materials for Daytime Radiative Cooling: An Ab-initio Investigation

(2022) Lecture Notes in Computer Science, 13382 LNCS, pp. 305 - 318

DOI: 10.1007/978-3-031-10592-0_23

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135814479&doi=10.1007%2F978-3-031-10592-0_23&partnerID=40&md5=6891ba05bd428069df7265b65f7436b3

DOCUMENT TYPE: Conference paper

G.B., Barone, Giovanni B., A., Buonomano, Annamaria, G., Del Papa, Gianluca, C., Forzano, Cesare, G.F., Giuzio, Giovanni Francesco, A., Palombo, Adolfo, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura, G., Russo, Giuseppe

AUTHOR FULL NAMES: Barone, Giovanni B. (57202034121); Buonomano, Annamaria (53463179700); Del Papa, Gianluca (58505048000); Forzano, Cesare (57191498582); Giuzio, Giovanni Francesco (57206940143); Palombo, Adolfo (6701332966); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600); Russo, Giuseppe (57420625900)

57202034121; 53463179700; 58505048000; 57191498582; 57206940143; 6701332966; 57194409282; 54896291600; 57420625900

Modelling the thermal response of the human body for thermal comfort assessment in indoor spaces: an experimental validation

(2022), pp. 23 - 28

DOI: 10.1109/MetroLivEnv54405.2022.9826971

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135808584&doi=10.1109%2FMetroLivEnv54405.2022.9826971&partnerID=40&md5=bde77cb6197e7de83ced5135c1e00880>

DOCUMENT TYPE: Conference paper

V.M., Gnecco, Veronica Martins, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Gnecco, Veronica Martins (57367157500); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57367157500; 57194409282; 54896291600

Long-term thermal comfort monitoring using wearable devices

(2022), pp. 13 - 17

DOI: 10.1109/MetroLivEnv54405.2022.9826920

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135772654&doi=10.1109%2FMetroLivEnv54405.2022.9826920&partnerID=40&md5=5adb1b0317e9dee94620cd5fd65eadf2>

DOCUMENT TYPE: Conference paper

R.J., Cureau, Roberta Jacoby, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cureau, Roberta Jacoby (57211983386); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57211983386; 57194409282; 54896291600

A New Wearable System for Sensing Outdoor Environmental Conditions for Monitoring Hyper-Microclimate

(2022) Sensors, 22 (2), art. no. 502

DOI: 10.3390/s22020502

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122344752&doi=10.3390%2Fs22020502&partnerID=40&md5=d812e4de37bea5c44f83bd77ccf239d6>

DOCUMENT TYPE: Article

C., Piselli, Cristina, G., Salvadori, Giacomo, L., Diciotti, Lorenzo, F., Fantozzi, Fabio, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Salvadori, Giacomo (36859635600); Diciotti, Lorenzo (57280617400); Fantozzi, Fabio (6602488081); Pisello, Anna Laura (54896291600)

56532466200; 36859635600; 57280617400; 6602488081; 54896291600

Assessing users' willingness-to-engagement towards Net Zero Energy communities in Italy

(2021) Renewable and Sustainable Energy Reviews, 152, art. no. 111627

DOI: 10.1016/j.rser.2021.111627

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116134167&doi=10.1016%2Fj.rser.2021.111627&partnerID=40&md5=c5d0c6d75ac35e1912078853fa220500>

DOCUMENT TYPE: Article

C., Chiatti, Chiara, F., Rosso, Federica, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Rosso, Federica (56830260800); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57212227943; 56830260800; 56856637200; 54896291600

Integrated energy performance of an innovative translucent photoluminescent building envelope for lighting energy storage

(2021) Sustainable Cities and Society, 75, art. no. 103234

DOI: 10.1016/j.scs.2021.103234

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113261934&doi=10.1016%2Fj.scs.2021.103234&partnerID=40&md5=baa7f4cc3eef7e2d2afc44f5e6503b52>

DOCUMENT TYPE: Article

I., Kousis, Ioannis, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57211821338; 57194409282; 54896291600

Intra-urban microclimate investigation in urban heat island through a novel mobile monitoring system (2021) Scientific Reports, 11 (1), art. no. 9732

DOI: 10.1038/s41598-021-88344-y

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105466629&doi=10.1038%2Fs41598-021-88344-y&partnerID=40&md5=15c024e799418b74ea706fd13fab664b>

DOCUMENT TYPE: Article

I., Pigliautile, Ilaria, G., Fusaro, Gioia, J., Kang, Jian, W., Chang, Wen-Shao, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); Fusaro, Gioia (57191200060); Kang, Jian (57304862200); Chang, Wen-Shao (25026757300); Pisello, Anna Laura (54896291600)

57194409282; 57191200060; 57304862200; 25026757300; 54896291600

Environmental thermal influence over soundscape perception: A test room experimental campaign involving the psychological and physiological description of the indoor environment

(2021) Journal of Physics: Conference Series, 2042 (1), art. no. 012136

DOI: 10.1088/1742-6596/2042/1/012136

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120913055&doi=10.1088%2F1742-6596%2F2042%2F1%2F012136&partnerID=40&md5=52c2a6ff9c324688a39be4452ebed0f9>

DOCUMENT TYPE: Conference paper

C., Chiatti, Chiara, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57212227943; 56856637200; 54896291600

Optimization of photoluminescent materials for lighting energy saving in the built environment

(2021) Journal of Physics: Conference Series, 2042 (1), art. no. 012178

DOI: 10.1088/1742-6596/2042/1/012178

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120852540&doi=10.1088%2F1742-6596%2F2042%2F1%2F012178&partnerID=40&md5=66b133797dfa168880f03ccf5cf82938>

DOCUMENT TYPE: Conference paper

C., Fabiani, Claudia, S., Longo, Sonia, A.L., Pisello, Anna Laura, M., Cellura, Maurizio

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Longo, Sonia (45661736000); Pisello, Anna Laura (54896291600); Cellura, Maurizio (6701427576)

56856637200; 45661736000; 54896291600; 6701427576

Sustainable production and consumption in remote working conditions due to COVID-19 lockdown in Italy: An environmental and user acceptance investigation

(2021) Sustainable Production and Consumption, 28, pp. 1757 - 1771

DOI: 10.1016/j.spc.2021.09.013

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119383352&doi=10.1016%2Fj.spc.2021.09.013&partnerID=40&md5=e4ca22d38b6b8a2024d914bc70bd32b6>

DOCUMENT TYPE: Article

I., Kousis, Ioannis, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57211821338; 57194409282; 54896291600

A Mobile Vehicle-Based Methodology for Dynamic Microclimate Analysis

(2021) International Journal of Environmental Research, 15 (5), pp. 893 - 901

DOI: 10.1007/s41742-021-00349-7

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114231121&doi=10.1007%2Fs41742-021-00349-7&partnerID=40&md5=cb86d7c2322b7725f65e19881d2f3bed>

DOCUMENT TYPE: Article

L., Boquera, Laura, J.R., Castro, J. Ramon, A.L., Pisello, Anna Laura, C., Fabiani, Claudia, A., D'Alessandro, Antonella, F., Ubertini, Filippo, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Boquera, Laura (57205210813); Castro, J. Ramon (57204730565); Pisello, Anna Laura (54896291600); Fabiani, Claudia (56856637200); D'Alessandro, Antonella (57221530184); Ubertini, Filippo (55891659200); Cabeza, Luisa F. (7004085845)

57205210813; 57204730565; 54896291600; 56856637200; 57221530184; 55891659200; 7004085845

Thermal and mechanical performance of cement paste under high temperature thermal cycles

(2021) *Solar Energy Materials and Solar Cells*, 231, art. no. 111333

DOI: 10.1016/j.solmat.2021.111333

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112486963&doi=10.1016%2Fj.solmat.2021.111333&partnerID=40&md5=d473ba835210f6130579e159800de5cd>

DOCUMENT TYPE: Article

S.A., Mansi, Silvia Angela, G.B., Barone, Giovanni B., C., Forzano, Cesare, I., Pigliautile, Ilaria, M., Ferrara, Maria, A.L., Pisello, Anna Laura, M., Arnesano, Marco

AUTHOR FULL NAMES: Mansi, Silvia Angela (57226318769); Barone, Giovanni B. (57202034121); Forzano, Cesare (57191498582); Pigliautile, Ilaria (57194409282); Ferrara, Maria (56374461300); Pisello, Anna Laura (54896291600); Arnesano, Marco (56418947300)

57226318769; 57202034121; 57191498582; 57194409282; 56374461300; 54896291600; 56418947300

Measuring human physiological indices for thermal comfort assessment through wearable devices: A review

(2021) *Measurement: Journal of the International Measurement Confederation*, 183, art. no. 109872

DOI: 10.1016/j.measurement.2021.109872

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111128883&doi=10.1016%2Fj.measurement.2021.109872&partnerID=40&md5=b879e07b72ae8bca67bae918f86dbfe6>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, I., Pigliautile, Ilaria, M.S., Andargie, Maedot S., C., Berger, Christiane, P.M., Bluysen, Philomena M., S., Carlucci, Salvatore, G., Chinazzo, Giorgia, Z., Deme-Belafi, Zsófia, B., Dong, Bing, M., Favero, Matteo

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Pigliautile, Ilaria (57194409282); Andargie, Maedot S. (56315594400); Berger, Christiane (57210910056); Bluysen, Philomena M. (6507274241); Carlucci, Salvatore (55331189400); Chinazzo, Giorgia (57188722359); Deme-Belafi, Zsófia (55907308500); Dong, Bing (35368332400); Favero, Matteo (57977807700)

54896291600; 57194409282; 56315594400; 57210910056; 6507274241; 55331189400; 57188722359; 55907308500; 35368332400; 57977807700

Test rooms to study human comfort in buildings: A review of controlled experiments and facilities

(2021) *Renewable and Sustainable Energy Reviews*, 149, art. no. 111359

DOI: 10.1016/j.rser.2021.111359

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109201104&doi=10.1016%2Fj.rser.2021.111359&partnerID=40&md5=1520331040f459e303e5fadb9fdc21e8>

DOCUMENT TYPE: Review

J., Tarragona, Joan, A.L., Pisello, Anna Laura, C., Fernàndez, César, A., de Gracia, A., L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Tarragona, Joan (57204002141); Pisello, Anna Laura (54896291600); Fernàndez, César (55733319700); de Gracia, A. (35799440200); Cabeza, Luisa F. (7004085845)

57204002141; 54896291600; 55733319700; 35799440200; 7004085845

Systematic review on model predictive control strategies applied to active thermal energy storage systems

(2021) Renewable and Sustainable Energy Reviews, 149, art. no. 111385

DOI: 10.1016/j.rser.2021.111385

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108619097&doi=10.1016%2Fj.rser.2021.111385&partnerID=40&md5=f7d61a01680605e98ee6ba32baab592f>

DOCUMENT TYPE: Review

C., Chiatti, Chiara, C., Fabiani, Claudia, F., Cotana, F., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Fabiani, Claudia (56856637200); Cotana, F. (56231867900); Pisello, Anna Laura (54896291600)

57212227943; 56856637200; 56231867900; 54896291600

Exploring the potential of photoluminescence for urban passive cooling and lighting applications: A new approach towards materials' optimization

(2021) Energy, 231, art. no. 120815

DOI: 10.1016/j.energy.2021.120815

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106963119&doi=10.1016%2Fj.energy.2021.120815&partnerID=40&md5=32755fa89b670ef8dc7418053b87cb1c>

DOCUMENT TYPE: Article

F., Vittori, Filippo, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Vittori, Filippo (57222542373); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57222542373; 57194409282; 54896291600

Subjective thermal response driving indoor comfort perception: A novel experimental analysis coupling building information modelling and virtual reality

(2021) Journal of Building Engineering, 41, art. no. 102368

DOI: 10.1016/j.jobbe.2021.102368

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103084410&doi=10.1016%2Fj.jobbe.2021.102368&partnerID=40&md5=99cb4715ed5039403d7f794b5d3c20e7>

DOCUMENT TYPE: Article

V., Ntouros, Vasileios, I., Kousis, Ioannis, D., Papadaki, Dimitra, A.L., Pisello, Anna Laura, M.N., Assimakopoulos, Margarita Niki

AUTHOR FULL NAMES: Ntouros, Vasileios (57218001129); Kousis, Ioannis (57211821338); Papadaki, Dimitra (56173629900); Pisello, Anna Laura (54896291600); Assimakopoulos, Margarita Niki (6507962457)

57218001129; 57211821338; 56173629900; 54896291600; 6507962457

Life cycle assessment on different synthetic routes of zif-8 nanomaterials

(2021) Energies, 14 (16), art. no. 4998

DOI: 10.3390/en14164998

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113712951&doi=10.3390%2Fen14164998&partnerID=40&md5=1f3352d082df1f8fcaa5d24daa3fa5ab>

DOCUMENT TYPE: Article

C., Chiatti, Chiara, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Chiatti, Chiara (57212227943); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57212227943; 56856637200; 54896291600

Long Persistent Luminescence: A Road Map Toward Promising Future Developments in Energy and Environmental Science

(2021) Annual Review of Materials Research, 51, pp. 409 - 433

DOI: 10.1146/annurev-matsci-091520-011838

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111416968&doi=10.1146%2Fannurev-matsci-091520-011838&partnerID=40&md5=9c0d963e307db7aa1c88fcd9e1a8a1c9>

DOCUMENT TYPE: Review

C., Fabiani, Claudia, C., Chiatti, Chiara, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Chiatti, Chiara (57212227943); Pisello, Anna Laura (54896291600)

56856637200; 57212227943; 54896291600

Development of photoluminescent composites for energy efficiency in smart outdoor lighting applications: An experimental and numerical investigation

(2021) Renewable Energy, 172, pp. 1 - 15

DOI: 10.1016/j.renene.2021.02.071

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102634619&doi=10.1016%2Fj.renene.2021.02.071&partnerID=40&md5=810081dd6dcdd9dda7f19b13faed05b9>

DOCUMENT TYPE: Article

L., Boquera, Laura, J.R., Castro, J. Ramon, A.L., Pisello, Anna Laura, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Boquera, Laura (57205210813); Castro, J. Ramon (57204730565); Pisello, Anna Laura (54896291600); Cabeza, Luisa F. (7004085845)

57205210813; 57204730565; 54896291600; 7004085845

Research progress and trends on the use of concrete as thermal energy storage material through bibliometric analysis

(2021) Journal of Energy Storage, 38, art. no. 102562

DOI: 10.1016/j.est.2021.102562

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104575437&doi=10.1016%2Fj.est.2021.102562&partnerID=40&md5=61b0f1ee7e2de4167a68afd7cc081127>

DOCUMENT TYPE: Article

F., Frota de Albuquerque Landi, Fabiana, A., Di Giuseppe, Alessia, A.M., Gambelli, Alberto Maria, A., Palliotti, Alberto, A., Nicolini, Andrea, A.L., Pisello, Anna Laura, F., Rossi, Federico

AUTHOR FULL NAMES: Frota de Albuquerque Landi, Fabiana (57223185156); Di Giuseppe, Alessia (57218649600); Gambelli, Alberto Maria (57194621290); Palliotti, Alberto (6603303186); Nicolini, Andrea (57193752460); Pisello, Anna Laura (54896291600); Rossi, Federico (7401756467)

57223185156; 57218649600; 57194621290; 6603303186; 57193752460; 54896291600; 7401756467

Life cycle assessment of an innovative technology against late frosts in vineyard

(2021) Sustainability (Switzerland), 13 (10), art. no. 5562

DOI: 10.3390/su13105562

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106965946&doi=10.3390%2Fsu13105562&partnerID=40&md5=50056d97aad69939edc5e4faa43c24bd>

DOCUMENT TYPE: Article

F., Frota de Albuquerque Landi, Fabiana, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Frota de Albuquerque Landi, Fabiana (57223185156); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57223185156; 56856637200; 54896291600

Experimental winter monitoring of a light-weight green roof assembly for building retrofit

(2021) Sustainability (Switzerland), 13 (9), art. no. 4604

DOI: 10.3390/su13094604

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105226384&doi=10.3390%2Fsu13094604&partnerID=40&md5=200681edceba34c66d11c96909aa8dd7>

DOCUMENT TYPE: Article

J., Gasia, Jaume, C., Fabiani, Claudia, M., Chàfer, Marta, A.L., Pisello, Anna Laura, A., Manni, Agnese, M., Ascani, Maurizio, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Gasia, Jaume (56663259400); Fabiani, Claudia (56856637200); Chàfer, Marta (57193771299); Pisello, Anna Laura (54896291600); Manni, Agnese (57199236112); Ascani, Maurizio (6504575037); Cabeza, Luisa F. (7004085845)

56663259400; 56856637200; 57193771299; 54896291600; 57199236112; 6504575037; 7004085845

Life cycle assessment and life cycle costing of an innovative component for refrigeration units

(2021) Journal of Cleaner Production, 295, art. no. 126442

DOI: 10.1016/j.jclepro.2021.126442

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101572762&doi=10.1016%2Fj.jclepro.2021.126442&partnerID=40&md5=8e5dcdd579e68b101c54fd7c1a3f9eb3>

DOCUMENT TYPE: Article

G., Sadeghi, Gholamabbas, A.L., Pisello, Anna Laura, S., Nazari, Saeed, M., Jowzi, Mohammad, F., Shama, Farzin

AUTHOR FULL NAMES: Sadeghi, Gholamabbas (57194443063); Pisello, Anna Laura (54896291600); Nazari, Saeed (56289526900); Jowzi, Mohammad (57204631727); Shama, Farzin (37125069000)

57194443063; 54896291600; 56289526900; 57204631727; 37125069000

Empirical data-driven multi-layer perceptron and radial basis function techniques in predicting the performance of nanofluid-based modified tubular solar collectors

(2021) Journal of Cleaner Production, 295, art. no. 126409

DOI: 10.1016/j.jclepro.2021.126409

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101424316&doi=10.1016%2Fj.jclepro.2021.126409&partnerID=40&md5=38367652f5a0d19755e7a02c4b0d2a0f>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

56856637200; 54896291600

Cool materials for passive cooling in buildings

(2021), pp. 505 - 537

DOI: 10.1007/978-3-030-65421-4_24

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108897027&doi=10.1007%2F978-3-030-65421-4_24&partnerID=40&md5=c5f143ce103372c449927ffa28ee4667

DOCUMENT TYPE: Book chapter

L., Boquera, Laura, E., Olacia, Elena, C., Fabiani, Claudia, A.L., Pisello, Anna Laura, A., D'Alessandro, Antonella, F., Ubertini, Filippo, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Boquera, Laura (57205210813); Olacia, Elena (57207960704); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); D'Alessandro, Antonella (57221530184); Ubertini, Filippo (55891659200); Cabeza, Luisa F. (7004085845)

57205210813; 57207960704; 56856637200; 54896291600; 57221530184; 55891659200; 7004085845

Thermo-acoustic and mechanical characterization of novel bio-based plasters: The valorisation of lignin as by-product from biomass extraction for green building applications

(2021) Construction and Building Materials, 278, art. no. 122373

DOI: 10.1016/j.conbuildmat.2021.122373

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100062839&doi=10.1016%2Fj.conbuildmat.2021.122373&partnerID=40&md5=b5c812e617b03438fd945562c3aea011>

DOCUMENT TYPE: Article

M., Bavaresco, Mateus, E., Ghisi, E., S., D'Oca, Simona, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Bavaresco, Mateus (57201007845); Ghisi, E. (8859872400); D'Oca, Simona (56039820200); Pisello, Anna Laura (54896291600)

57201007845; 8859872400; 56039820200; 54896291600

Triggering occupant behaviour for energy sustainability: Exploring subjective and comfort-related drivers in Brazilian offices

(2021) Energy Research and Social Science, 74, art. no. 101959

DOI: 10.1016/j.erss.2021.101959

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100647214&doi=10.1016%2Fj.erss.2021.101959&partnerID=40&md5=e5daa96d210386f5c4a355175605b8e6>

DOCUMENT TYPE: Article

B.K., Sovacool, Benjamin K., L.F., Cabeza, Luisa F., A.L., Pisello, Anna Laura, A., Fronzetti Colladon, Andrea, H.M., Larijani, Hatef Madani, B., Dawoud, Belal, M., Martiskainen, Mari

AUTHOR FULL NAMES: Sovacool, Benjamin K. (9333655700); Cabeza, Luisa F. (7004085845); Pisello, Anna Laura (54896291600); Fronzetti Colladon, Andrea (55876528100); Larijani, Hatef Madani (57221554865); Dawoud, Belal (6506617416); Martiskainen, Mari (36238391300)

9333655700; 7004085845; 54896291600; 55876528100; 57221554865; 6506617416; 36238391300

Decarbonizing household heating: Reviewing demographics, geography and low-carbon practices and preferences in five European countries

(2021) Renewable and Sustainable Energy Reviews, 139, art. no. 110703

DOI: 10.1016/j.rser.2020.110703

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099475849&doi=10.1016%2Fj.rser.2020.110703&partnerID=40&md5=124782d924f877685a81d2fce072f678>

DOCUMENT TYPE: Review

I., Kousis, Ioannis, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57211821338; 56856637200; 54896291600

A study on the thermo-optical behaviour of phosphorescent coatings for passive cooling applications

(2021) E3S Web of Conferences, 238, art. no. 06002

DOI: 10.1051/e3sconf/202123806002

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103302820&doi=10.1051%2Fe3sconf%2F202123806002&partnerID=40&md5=5767207a186e651f05215240d54dcc04>

DOCUMENT TYPE: Conference paper

C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

56856637200; 54896291600

Effect of thermochromic coatings on the indoor thermal behavior of a case study building

(2021) E3S Web of Conferences, 238, art. no. 06003

DOI: 10.1051/e3sconf/202123806003

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103274759&doi=10.1051%2Fe3sconf%2F202123806003&partnerID=40&md5=90d69d355eaf871e5e97933ad65e9355>

DOCUMENT TYPE: Conference paper

M., Chàfer, Marta, L.F., Cabeza, Luisa F., A.L., Pisello, Anna Laura, C.L., Tan, Chun Liang, N.H., Wong, Nyuk Hien

AUTHOR FULL NAMES: Chàfer, Marta (57193771299); Cabeza, Luisa F. (7004085845); Pisello, Anna Laura (54896291600); Tan, Chun Liang (37087871400); Wong, Nyuk Hien (7202836613)

57193771299; 7004085845; 54896291600; 37087871400; 7202836613

Trends and gaps in global research of greenery systems through a bibliometric analysis

(2021) Sustainable Cities and Society, 65, art. no. 102608

DOI: 10.1016/j.scs.2020.102608

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096840692&doi=10.1016%2Fj.scs.2020.102608&partnerID=40&md5=6b85071384f56e04d9f2a6a79dfc5f6d>

DOCUMENT TYPE: Article

I., Pigliautile, Ilaria, S., D'Eramo, Samuele, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); D'Eramo, Samuele (57218658011); Pisello, Anna Laura (54896291600)

57194409282; 57218658011; 54896291600

Intra-urban microclimate mapping for citizens' wellbeing: Novel wearable sensing techniques and automatized data-processing

(2021) Journal of Cleaner Production, 279, art. no. 123748

DOI: 10.1016/j.jclepro.2020.123748

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089945361&doi=10.1016%2Fj.jclepro.2020.123748&partnerID=40&md5=31555e6e5bcedbd3f7676bbd1c7b7066>

DOCUMENT TYPE: Article

A., Mavrigiannaki, Angeliki, K., Gobakis, Konstantinos, D.D., Kolokotsa, Dionysia-Denia Denia, K.C., Kalaitzakis, Kostas C., A.L., Pisello, Anna Laura, C., Piselli, Cristina, M., Laskari, Marina, M., Saliari, Maria, M.N., Assimakopoulos, Margarita Niki, G., Pignatta, Gloria

AUTHOR FULL NAMES: Mavrigiannaki, Angeliki (57118231700); Gobakis, Konstantinos (42161195600); Kolokotsa, Dionysia-Denia Denia (36337762700); Kalaitzakis, Kostas C. (56004192300); Pisello, Anna Laura (54896291600); Piselli, Cristina (56532466200); Laskari, Marina (55110007600); Saliari, Maria (26635990000); Assimakopoulos, Margarita Niki (6507962457); Pignatta, Gloria (56331396900)

57118231700; 42161195600; 36337762700; 56004192300; 54896291600; 56532466200; 55110007600; 26635990000; 6507962457; 56331396900

Zero energy concept at neighborhood level: A case study analysis

(2021) Solar Energy Advances, 1, art. no. 100002

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133952529&doi=10.1016%2Fj.seja.2021.100002&partnerID=40&md5=adb4dab2c6a4b9cfb982940d5ab0b9c2>

DOCUMENT TYPE: Article

S.A., Mansi, Silvia Angela, I., Pigliautile, Ilaria, C., Porcaro, Camillo, A.L., Pisello, Anna Laura, M., Arnesano, Marco

AUTHOR FULL NAMES: Mansi, Silvia Angela (57226318769); Pigliautile, Ilaria (57194409282); Porcaro, Camillo (6603111837); Pisello, Anna Laura (54896291600); Arnesano, Marco (56418947300)

57226318769; 57194409282; 6603111837; 54896291600; 56418947300

Application of wearable EEG sensors for indoor thermal comfort measurements

(2021) Acta IMEKO, 10 (4), pp. 214 - 220

DOI: 10.21014/acta_imeko.v10i4.1180

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122811291&doi=10.21014%2Facta_imeko.v10i4.1180&partnerID=40&md5=2a5c9333b8d7908e61856c755b188e8a

DOCUMENT TYPE: Article

N., Ujang, Norsidah, T., Fukuda, Tomohiro, A.L., Pisello, Anna Laura, D., Vukadinović, Dinko

AUTHOR FULL NAMES: Ujang, Norsidah (23567247000); Fukuda, Tomohiro (58093701800); Pisello, Anna Laura (54896291600); Vukadinović, Dinko (25927640800)

23567247000; 58093701800; 54896291600; 25927640800

Preface

(2021) Advances in Science, Technology and Innovation, pp. vii

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113797276&partnerID=40&md5=9664a1f196629beaf3c5af068b79f467>

DOCUMENT TYPE: Editorial

C., Piselli, Cristina, A., Guastaveglia, Alessio, J., Romanelli, Jessica, F., Cotana, F., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Guastaveglia, Alessio (57222714071); Romanelli, Jessica (57203117657); Cotana, F. (56231867900); Pisello, Anna Laura (54896291600)
56532466200; 57222714071; 57203117657; 56231867900; 54896291600

Facility energy management application of HBIM for historical low-carbon communities: Design, modelling and operation control of geothermal energy retrofit in a real Italian case study

(2020) *Energies*, 13 (23), art. no. 6338

DOI: 10.3390/en13236338

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101222200&doi=10.3390%2Fen13236338&partnerID=40&md5=c587a5557ce32dd4fb555c15727ed993>

DOCUMENT TYPE: Article

B., Pioppi, Benedetta, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pioppi, Benedetta (57212135352); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57212135352; 57194409282; 54896291600

Human-centric microclimate analysis of Urban Heat Island: Wearable sensing and data-driven techniques for identifying mitigation strategies in New York City

(2020) *Urban Climate*, 34, art. no. 100716

DOI: 10.1016/j.uclim.2020.100716

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094105274&doi=10.1016%2Fj.uclim.2020.100716&partnerID=40&md5=d4a301cc0940bd744c1c919dcf835060>

DOCUMENT TYPE: Article

C., Piselli, Cristina, M., Prabhakar, Mohit, A., de Gracia, A., M., Saffari, Mohammad, A.L., Pisello, Anna Laura, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Prabhakar, Mohit (57203038246); de Gracia, A. (35799440200); Saffari, Mohammad (57021362200); Pisello, Anna Laura (54896291600); Cabeza, Luisa F. (7004085845)

56532466200; 57203038246; 35799440200; 57021362200; 54896291600; 7004085845

Optimal control of natural ventilation as passive cooling strategy for improving the energy performance of building envelope with PCM integration

(2020) *Renewable Energy*, 162, pp. 171 - 181

DOI: 10.1016/j.renene.2020.07.043

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089589814&doi=10.1016%2Fj.renene.2020.07.043&partnerID=40&md5=4382a9f167766d39c66d108d2f6eebe6>

DOCUMENT TYPE: Article

A., Mavrigiannaki, Angeliki, K., Gobakis, Konstantinos, D.D., Kolokotsa, Dionysia-Denia Denia, K.C., Kalaitzakis, Kostas C., A.L., Pisello, Anna Laura, C., Piselli, Cristina, R.K., Gupta, Rajat Kumar, M., Gregg, Matt, M., Laskari, Marina, M., Saliari, Maria

AUTHOR FULL NAMES: Mavrigiannaki, Angeliki (57118231700); Gobakis, Konstantinos (42161195600); Kolokotsa, Dionysia-Denia Denia (36337762700); Kalaitzakis, Kostas C. (56004192300); Pisello, Anna Laura (54896291600); Piselli, Cristina (56532466200); Gupta, Rajat Kumar (7501323603); Gregg, Matt (46661023500); Laskari, Marina (55110007600); Saliari, Maria (26635990000)

57118231700; 42161195600; 36337762700; 56004192300; 54896291600; 56532466200; 7501323603; 46661023500; 55110007600; 26635990000

Measurement and verification of zero energy settlements: Lessons learned from four pilot cases in Europe

(2020) Sustainability (Switzerland), 12 (22), art. no. 9783, pp. 1 - 16

DOI: 10.3390/su12229783

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096494802&doi=10.3390%2Fsu12229783&partnerID=40&md5=5b1ef248ce75d17970ea5fc79dd76e6d>

DOCUMENT TYPE: Article

C.F., Chen, Chien Fei, S., Yilmaz, Selin, A.L., Pisello, Anna Laura, M., De Simone, Marilena, A.A., Kim, Amy Ahim, T., Hong, Tianzhen, K., Bandurski, Karol, M., Bavaresco, Mateus, P., Liu, Peiling, Y., Zhu, Yimin

AUTHOR FULL NAMES: Chen, Chien Fei (48861129000); Yilmaz, Selin (57190006109); Pisello, Anna Laura (54896291600); De Simone, Marilena (23488406700); Kim, Amy Ahim (57189024536); Hong, Tianzhen (7202830430); Bandurski, Karol (57197744157); Bavaresco, Mateus (57201007845); Liu, Peiling (57154838200); Zhu, Yimin (57208037171)

48861129000; 57190006109; 54896291600; 23488406700; 57189024536; 7202830430; 57197744157; 57201007845; 57154838200; 57208037171

The impacts of building characteristics, social psychological and cultural factors on indoor environment quality productivity belief

(2020) Building and Environment, 185, art. no. 107189

DOI: 10.1016/j.buildenv.2020.107189

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090744378&doi=10.1016%2Fj.buildenv.2020.107189&partnerID=40&md5=a54abd6b8448f702d0174b45b0e44b35>

DOCUMENT TYPE: Article

B., Pioppi, Benedetta, C., Piselli, Cristina, C., Crisanti, Chiara, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pioppi, Benedetta (57212135352); Piselli, Cristina (56532466200); Crisanti, Chiara (57218699460); Pisello, Anna Laura (54896291600)

57212135352; 56532466200; 57218699460; 54896291600

Human-centric green building design: the energy saving potential of occupants' behaviour enhancement in the office environment

(2020) Journal of Building Performance Simulation, 13 (6), pp. 621 - 644

DOI: 10.1080/19401493.2020.1810321

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090080693&doi=10.1080%2F19401493.2020.1810321&partnerID=40&md5=a304cf0aed4163a04cb5f62fc80677f5>

DOCUMENT TYPE: Article

I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura, E.R., Bou-Zeid, Elie R.

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600); Bou-Zeid, Elie R. (6603009057)

57194409282; 54896291600; 6603009057

Humans in the city: Representing outdoor thermal comfort in urban canopy models

(2020) Renewable and Sustainable Energy Reviews, 133, art. no. 110103

DOI: 10.1016/j.rser.2020.110103

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088933166&doi=10.1016%2Fj.rser.2020.110103&partnerID=40&md5=db5679411d8455812f1d1236973e56df>

DOCUMENT TYPE: Article

A., Mahdavi, Ardeshir, C., Berger, Christiane, V., Bochukova, Veselina, L., Bourikas, Leonidas, R.T., Hellwig, Runa T., Q., Jin, Quan, A.L., Pisello, Anna Laura, M., Schweiker, Marcel

AUTHOR FULL NAMES: Mahdavi, Ardeshir (7006750113); Berger, Christiane (57210910056); Bochukova, Veselina (57219483286); Bourikas, Leonidas (55587492900); Hellwig, Runa T. (36196638600); Jin, Quan (36437337300); Pisello, Anna Laura (54896291600); Schweiker, Marcel (60040788100)

7006750113; 57210910056; 57219483286; 55587492900; 36196638600; 36437337300; 54896291600; 60040788100

Necessary conditions for multi-domain indoor environmental quality standards

(2020) Sustainability (Switzerland), 12 (20), art. no. 8439, pp. 1 - 24

DOI: 10.3390/su12208439

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093094178&doi=10.3390%2Fsu12208439&partnerID=40&md5=609fd42b54b8c5822dee8b830bc3c344>

DOCUMENT TYPE: Article

I., Kousis, Ioannis, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Pisello, Anna Laura (54896291600)

57211821338; 54896291600

For the mitigation of urban heat island and urban noise island: Two simultaneous sides of urban discomfort

(2020) Environmental Research Letters, 15 (10), art. no. abaa0d

DOI: 10.1088/1748-9326/abaa0d

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092438910&doi=10.1088%2F1748-9326%2Fabaa0d&partnerID=40&md5=26b1961f7547d5f684339e706be64336>

DOCUMENT TYPE: Review

F.D., Salim, Flora Dilys, B., Dong, Bing, M.M., Ouf, Mohamed M., Q., Wang, Qi, I., Pigliautile, Ilaria, X., Kang, Xuyuan, T., Hong, Tianzhen, W., Wu, Wenbo, Y., Liu, Yapan, S.K., Rumi, Shakila Khan

AUTHOR FULL NAMES: Salim, Flora Dilys (7801420000); Dong, Bing (35368332400); Ouf, Mohamed M. (56422210800); Wang, Qi (56978602400); Pigliautile, Ilaria (57194409282); Kang, Xuyuan (57207956892); Hong, Tianzhen (7202830430); Wu, Wenbo (56162649600); Liu, Yapan (57218531312); Rumi, Shakila Khan (57204282860)

7801420000; 35368332400; 56422210800; 56978602400; 57194409282; 57207956892; 7202830430; 56162649600; 57218531312; 57204282860

Modelling urban-scale occupant behaviour, mobility, and energy in buildings: A survey

(2020) Building and Environment, 183, art. no. 106964

DOI: 10.1016/j.buildenv.2020.106964

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089836732&doi=10.1016%2Fj.buildenv.2020.106964&partnerID=40&md5=f8e21f67720a8b31a70415aa6be22135>

DOCUMENT TYPE: Article

F., Rosso, Federica, A.L., Pisello, Anna Laura, I., Pigliautile, Ilaria, G., Cavalaglio, Gianluca, V., Coccia, Valentina

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pisello, Anna Laura (54896291600); Pigliautile, Ilaria (57194409282); Cavalaglio, Gianluca (56030609700); Coccia, Valentina (55974868700)

56830260800; 54896291600; 57194409282; 56030609700; 55974868700

Natural, bio-based, colored linoleum: Design, preparation, characteristics and preliminary life cycle assessment

(2020) Journal of Cleaner Production, 267, art. no. 122202

DOI: 10.1016/j.jclepro.2020.122202

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085383532&doi=10.1016%2Fj.jclepro.2020.122202&partnerID=40&md5=129ea86158847c090480ce83e556765a>

DOCUMENT TYPE: Article

M., Bavaresco, Mateus, S., D'Oca, Simona, E., Ghisi, E., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Bavaresco, Mateus (57201007845); D'Oca, Simona (56039820200); Ghisi, E. (8859872400); Pisello, Anna Laura (54896291600)

57201007845; 56039820200; 8859872400; 54896291600

Assessing underlying effects on the choices of adaptive behaviours in offices through an interdisciplinary framework

(2020) Building and Environment, 181, art. no. 107086

DOI: 10.1016/j.buildenv.2020.107086

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089240651&doi=10.1016%2Fj.buildenv.2020.107086&partnerID=40&md5=51365da8ba3fb5a1aa6335196b1a7a0c>

DOCUMENT TYPE: Article

C., Piselli, Cristina, M., Di Grazia, Matteo, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Di Grazia, Matteo (57217025339); Pisello, Anna Laura (54896291600)

56532466200; 57217025339; 54896291600

Combined effect of outdoor microclimate boundary conditions on air conditioning system's efficiency and building energy demand in net zero energy settlements

(2020) Sustainability (Switzerland), 12 (15), art. no. 6056

DOI: 10.3390/su12156056

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089352081&doi=10.3390%2Fsu12156056&partnerID=40&md5=900afee1043974d485f54f50f12bc729>

DOCUMENT TYPE: Article

A., Heydarian, Arsalan, C., McIlvennie, Claire, L.M., Arpan, Laura M., S., Yousefi, Siavash, M., Syndicus, Marc, M., Schweiker, Marcel, F., Jazizadeh, Farrokh, R., Risetto, Romina, A.L., Pisello, Anna Laura, C., Piselli, Cristina

AUTHOR FULL NAMES: Heydarian, Arsalan (51461492400); McIlvennie, Claire (57216818011); Arpan, Laura M. (6506213373); Yousefi, Siavash (57216911372); Syndicus, Marc (57194943218); Schweiker, Marcel (26327037800); Jazizadeh, Farrokh (39661198700); Risetto, Romina (57206663501); Pisello, Anna Laura (54896291600); Piselli, Cristina (56532466200)

51461492400; 57216818011; 6506213373; 57216911372; 57194943218; 26327037800; 39661198700; 57206663501; 54896291600; 56532466200

What drives our behaviors in buildings? A review on occupant interactions with building systems from the lens of behavioral theories

(2020) Building and Environment, 179, art. no. 106928

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085243388&doi=10.1016%2Fj.buildenv.2020.106928&partnerID=40&md5=5b708f7ca82af669922aef81b78ddb79>

DOCUMENT TYPE: Article

J.K., Day, Julia K., C., McIlvennie, Claire, C., Brackley, Connor, M., Tarantini, Mariantonietta, C., Piselli, Cristina, J., Hahn, Jakob, W.T., O'Brien, William T., V.S., Rajus, Vinu Subashini, M., De Simone, Marilena, M.B., Kjærgaard, Mikkel Baun

AUTHOR FULL NAMES: Day, Julia K. (56432044500); McIlvennie, Claire (57216818011); Brackley, Connor (57218364399); Tarantini, Mariantonietta (57194460308); Piselli, Cristina (56532466200); Hahn, Jakob (57210914399); O'Brien, William T. (57212926253); Rajus, Vinu Subashini (52464322400); De Simone, Marilena (23488406700); Kjærgaard, Mikkel Baun (15044658500)

56432044500; 57216818011; 57218364399; 57194460308; 56532466200; 57210914399; 57212926253; 52464322400; 23488406700; 15044658500

A review of select human-building interfaces and their relationship to human behavior, energy use and occupant comfort

(2020) Building and Environment, 178, art. no. 106920

DOI: 10.1016/j.buildenv.2020.106920

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085769628&doi=10.1016%2Fj.buildenv.2020.106920&partnerID=40&md5=b21f05c917d278ec69ed94380f5c3513>

DOCUMENT TYPE: Article

I., Pigliautile, Ilaria, S., Casaccia, Sara, N., Morresi, Nicole, M., Arnesano, Marco, A.L., Pisello, Anna Laura, G.M., Revel, Gian Marco

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); Casaccia, Sara (55957572000); Morresi, Nicole (57216538059); Arnesano, Marco (56418947300); Pisello, Anna Laura (54896291600); Revel, Gian Marco (55551950400)

57194409282; 55957572000; 57216538059; 56418947300; 54896291600; 55551950400

Assessing occupants' personal attributes in relation to human perception of environmental comfort: Measurement procedure and data analysis

(2020) Building and Environment, 177, art. no. 106901

DOI: 10.1016/j.buildenv.2020.106901

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083814863&doi=10.1016%2Fj.buildenv.2020.106901&partnerID=40&md5=bdd2da763846660dea85f9da2082b866>

DOCUMENT TYPE: Article

F., Frota de Albuquerque Landi, Fabiana, C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Frota de Albuquerque Landi, Fabiana (57223185156); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

57223185156; 56856637200; 54896291600

Palm oil for seasonal thermal energy storage applications in buildings: The potential of multiple melting ranges in blends of bio-based fatty acids

(2020) Journal of Energy Storage, 29, art. no. 101431

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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084526998&doi=10.1016%2Fj.est.2020.101431&partnerID=40&md5=12325a4a8626837559ebfabb2146441>

DOCUMENT TYPE: Article

I., Kousis, Ioannis, C., Fabiani, Claudia, L., Ercolanoni, Luca, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Fabiani, Claudia (56856637200); Ercolanoni, Luca (57216529591); Pisello, Anna Laura (54896291600)

57211821338; 56856637200; 57216529591; 54896291600

Using bio-oils for improving environmental performance of an advanced resinous binder for pavement applications with heat and noise island mitigation potential

(2020) Sustainable Energy Technologies and Assessments, 39, art. no. 100706

DOI: 10.1016/j.seta.2020.100706

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083808519&doi=10.1016%2Fj.seta.2020.100706&partnerID=40&md5=f61e053b6b534465f3659db9950e0079>

DOCUMENT TYPE: Article

M., Schweiker, Marcel, E., Ampatzi, Eleni, M.S., Andargie, Maedot S., R.K., Andersen, Rune K., E., Azar, Elie, V.M., Barthelmes, Verena Marie, C., Berger, Christiane, L., Bourikas, Leonidas, S., Carlucci, Salvatore, G., Chinazzo, Giorgia

AUTHOR FULL NAMES: Schweiker, Marcel (26327037800); Ampatzi, Eleni (55326949500); Andargie, Maedot S. (56315594400); Andersen, Rune K. (24448187200); Azar, Elie (36975172200); Barthelmes, Verena Marie (57170605200); Berger, Christiane (57210910056); Bourikas, Leonidas (55587492900); Carlucci, Salvatore (55331189400); Chinazzo, Giorgia (57188722359)

26327037800; 55326949500; 56315594400; 24448187200; 36975172200; 57170605200; 57210910056; 55587492900; 55331189400; 57188722359

Review of multi-domain approaches to indoor environmental perception and behaviour

(2020) Building and Environment, 176, art. no. 106804

DOI: 10.1016/j.buildenv.2020.106804

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083157808&doi=10.1016%2Fj.buildenv.2020.106804&partnerID=40&md5=4e02bbaa08d95f9c86fe46191e4e556b>

DOCUMENT TYPE: Article

I., Kousis, Ioannis, C., Fabiani, Claudia, L., Gobbi, Laura, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Kousis, Ioannis (57211821338); Fabiani, Claudia (56856637200); Gobbi, Laura (59274822300); Pisello, Anna Laura (54896291600)

57211821338; 56856637200; 59274822300; 54896291600

Phosphorescent-based pavements for counteracting urban overheating – A proof of concept

(2020) Solar Energy, 202, pp. 540 - 552

DOI: 10.1016/j.solener.2020.03.092

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083088393&doi=10.1016%2Fj.solener.2020.03.092&partnerID=40&md5=474c8ba41ba2547738c51bfa38139153>

DOCUMENT TYPE: Article

C., Piselli, Cristina, J., Romanelli, Jessica, M., Di Grazia, Matteo, A., Gavagni, Augusto, E., Moretti, Elisa, A., Nicolini, Andrea, F., Cotana, F., F., Strangis, Francesco, H.J., Witte, H. J.L., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Romanelli, Jessica (57203117657); Di Grazia, Matteo (57217025339); Gavagni, Augusto (57217025095); Moretti, Elisa (37261845000); Nicolini, Andrea (57193752460); Cotana, F. (56231867900); Strangis, Francesco (56400947900); Witte, H. J.L. (55165584200); Pisello, Anna Laura (54896291600)

56532466200; 57203117657; 57217025339; 57217025095; 37261845000; 57193752460; 56231867900; 56400947900; 55165584200; 54896291600

An integrated HBIM simulation approach for energy retrofit of historical buildings implemented in a case study of a medieval fortress in Italy

(2020) Energies, 13 (10), art. no. 2601

DOI: 10.3390/en13102601

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085841260&doi=10.3390%2Fen13102601&partnerID=40&md5=efe7eeaea87d709212900da867af2670>

DOCUMENT TYPE: Article

I., Pigliautile, Ilaria, G., Marseglia, Guido, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); Marseglia, Guido (56609940900); Pisello, Anna Laura (54896291600)

57194409282; 56609940900; 54896291600

Investigation of CO2 variation and mapping through wearable sensing techniques for measuring pedestrians' exposure in urban areas

(2020) Sustainability (Switzerland), 12 (9), art. no. 3936

DOI: 10.3390/su12093936

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085349151&doi=10.3390%2Fsu12093936&partnerID=40&md5=09b33799c4e245d3a8e61ce3724c2c4c>

DOCUMENT TYPE: Article

G., Sadeghi, Gholamabbas, A.L., Pisello, Anna Laura, H., Safarzadeh, Habibollah, M., Poorhossein, Miad, M., Jowzi, Mohammad

AUTHOR FULL NAMES: Sadeghi, Gholamabbas (57194443063); Pisello, Anna Laura (54896291600); Safarzadeh, Habibollah (8663958000); Poorhossein, Miad (57215828394); Jowzi, Mohammad (57204631727)

57194443063; 54896291600; 8663958000; 57215828394; 57204631727

On the effect of storage tank type on the performance of evacuated tube solar collectors: Solar radiation prediction analysis and case study

(2020) Energy, 198, art. no. 117331

DOI: 10.1016/j.energy.2020.117331

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082017594&doi=10.1016%2Fj.energy.2020.117331&partnerID=40&md5=5951894ff2b5b7cc44bc6e841637eeee>

DOCUMENT TYPE: Article

E., Olacia, Elena, A.L., Pisello, Anna Laura, V., Chiodo, Vitaliano, S., Maisano, S., A., Frazzica, Andrea, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Olacia, Elena (57207960704); Pisello, Anna Laura (54896291600); Chiodo, Vitaliano (6603101616); Maisano, S. (56582363500); Frazzica, Andrea (45661487200); Cabeza, Luisa F. (7004085845)

57207960704; 54896291600; 6603101616; 56582363500; 45661487200; 7004085845

Sustainable adobe bricks with seagrass fibres. Mechanical and thermal properties characterization (2020) Construction and Building Materials, 239, art. no. 117669

DOI: 10.1016/j.conbuildmat.2019.117669

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076716378&doi=10.1016%2Fj.conbuildmat.2019.117669&partnerID=40&md5=a79d3ceed335145fa46d8788815d796e>

DOCUMENT TYPE: Article

B., Pioppi, Benedetta, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pioppi, Benedetta (57212135352); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57212135352; 57194409282; 54896291600

Data collected by coupling fix and wearable sensors for addressing urban microclimate variability in an historical Italian city

(2020) Data in Brief, 29, art. no. 105322

DOI: 10.1016/j.dib.2020.105322

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082022849&doi=10.1016%2Fj.dib.2020.105322&partnerID=40&md5=d7a40937e1f37b6517e482d3faa3ba0a>

DOCUMENT TYPE: Data paper

C., Fabiani, Claudia, A.L., Pisello, Anna Laura, M., Barbanera, Marco, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); Barbanera, Marco (57203196766); Cabeza, Luisa F. (7004085845)

56856637200; 54896291600; 57203196766; 7004085845

Palm oil-based bio-PCM for energy efficient building applications: Multipurpose thermal investigation and life cycle assessment

(2020) Journal of Energy Storage, 28, art. no. 101129

DOI: 10.1016/j.est.2019.101129

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077996493&doi=10.1016%2Fj.est.2019.101129&partnerID=40&md5=b41eab64c5933f904e84088d85311194>

DOCUMENT TYPE: Article

L.F., Cabeza, Luisa F., L., Navarro, Lidia, A.L., Pisello, Anna Laura, L., Olivieri, Lorenzo, C., Bartolomé, César, J., Sánchez Ramos, Jose, S.X., Álvarez Domínguez, Servando X000C1;lvarez, J.A., Tenorio Ríos, José Antonio

AUTHOR FULL NAMES: Cabeza, Luisa F. (7004085845); Navarro, Lidia (54788004200); Pisello, Anna Laura (54896291600); Olivieri, Lorenzo (57188971613); Bartolomé, César (57204038189); Sánchez Ramos, Jose (57212742313); Álvarez Domínguez, Servando X000C1;lvarez (7103265541); Tenorio Ríos, José Antonio (55603137900)

7004085845; 54788004200; 54896291600; 57188971613; 57204038189; 57212742313; 7103265541; 55603137900

Behaviour of a concrete wall containing micro-encapsulated PCM after a decade of its construction
(2020) Solar Energy, 200, pp. 108 - 113

DOI: 10.1016/j.solener.2019.12.003

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076601671&doi=10.1016%2Fj.solener.2019.12.003&partnerID=40&md5=93962bf564bd60f325044533a3ccfa00>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600)

56856637200; 56109936000; 54896291600

Thermochromic materials for indoor thermal comfort improvement: Finite difference modeling and validation in a real case-study building

(2020) Applied Energy, 262, art. no. 114147

DOI: 10.1016/j.apenergy.2019.114147

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078253407&doi=10.1016%2Fj.apenergy.2019.114147&partnerID=40&md5=231a11913984d7aa16b15a5caf71eb54>

DOCUMENT TYPE: Article

I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57194409282; 54896291600

Environmental data clustering analysis through wearable sensing techniques: New bottom-up process aimed to identify intra-urban granular morphologies from pedestrian transects

(2020) Building and Environment, 171, art. no. 106641

DOI: 10.1016/j.buildenv.2019.106641

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077504149&doi=10.1016%2Fj.buildenv.2019.106641&partnerID=40&md5=8832227b49069d6bf8c25e80487c619b>

DOCUMENT TYPE: Article

I., Pigliautile, Ilaria, M., Chàfer, Marta, A.L., Pisello, Anna Laura, G., Pérez, Gabriel, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); Chàfer, Marta (57193771299); Pisello, Anna Laura (54896291600); Pérez, Gabriel (55418022800); Cabeza, Luisa F. (7004085845)

57194409282; 57193771299; 54896291600; 55418022800; 7004085845

Inter-building assessment of urban heat island mitigation strategies: Field tests and numerical modelling in a simplified-geometry experimental set-up

(2020) Renewable Energy, 147, pp. 1663 - 1675

DOI: 10.1016/j.renene.2019.09.082

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072714699&doi=10.1016%2Fj.renene.2019.09.082&partnerID=40&md5=7899f88342a1628fd113561fe44b7698>

DOCUMENT TYPE: Article

B., Pioppi, Benedetta, I., Pigliautile, Ilaria, C., Piselli, Cristina, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pioppi, Benedetta (57212135352); Pigliautile, Ilaria (57194409282); Piselli, Cristina (56532466200); Pisello, Anna Laura (54896291600)

57212135352; 57194409282; 56532466200; 54896291600

Cultural heritage microclimate change: Human-centric approach to experimentally investigate intra-urban overheating and numerically assess foreseen future scenarios impact

(2020) Science of the Total Environment, 703, art. no. 134448

DOI: 10.1016/j.scitotenv.2019.134448

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076051511&doi=10.1016%2Fj.scitotenv.2019.134448&partnerID=40&md5=5b346baa60858c5a3b268c8e0fd62c78>

DOCUMENT TYPE: Article

M., Cardinali, Marta, A.L., Pisello, Anna Laura, C., Piselli, Cristina, I., Pigliautile, Ilaria, F., Cotana, F.

AUTHOR FULL NAMES: Cardinali, Marta (24461109800); Pisello, Anna Laura (54896291600); Piselli, Cristina (56532466200); Pigliautile, Ilaria (57194409282); Cotana, F. (56231867900)

24461109800; 54896291600; 56532466200; 57194409282; 56231867900

Microclimate mitigation for enhancing energy and environmental performance of Near Zero Energy Settlements in Italy

(2020) Sustainable Cities and Society, 53, art. no. 101964

DOI: 10.1016/j.scs.2019.101964

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075507893&doi=10.1016%2Fj.scs.2019.101964&partnerID=40&md5=3395398749a297a8b223b7aa88ea0277>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, C., Piselli, Cristina, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Piselli, Cristina (56532466200); Pisello, Anna Laura (54896291600)

56856637200; 56532466200; 54896291600

Thermo-optic durability of cool roof membranes: Effect of shape stabilized phase change material inclusion on building energy efficiency

(2020) Energy and Buildings, 207, art. no. 109592

DOI: 10.1016/j.enbuild.2019.109592

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075284129&doi=10.1016%2Fj.enbuild.2019.109592&partnerID=40&md5=46e61c2fc8c54cee8d7983687b4364af>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

56856637200; 54896291600

Passive cooling by means of adaptive cool materials

(2020), pp. 439 - 457

DOI: 10.1016/B978-0-12-820791-8.00018-3

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140679392&doi=10.1016%2FB978-0-12-820791-8.00018-3&partnerID=40&md5=d47852c7cdbc848a516eb66e2b52311>

DOCUMENT TYPE: Book chapter

F., Pacheco-Torgal, Fernando, L., Czarnecki, Lech, A.L., Pisello, Anna Laura, L.F., Cabeza, Luisa F., C.G., Granqvist, Claes Göran

AUTHOR FULL NAMES: Pacheco-Torgal, Fernando (16319921900); Czarnecki, Lech (7005434431); Pisello, Anna Laura (54896291600); Cabeza, Luisa F. (7004085845); Granqvist, Claes Göran (36045018800)

16319921900; 7005434431; 54896291600; 7004085845; 36045018800

Eco-efficient Materials for Reducing Cooling Needs in Buildings and Construction: Design, Properties and Applications: A volume in Woodhead Publishing Series in Civil and Structural Engineering

(2020), pp. 1 - 469

DOI: 10.1016/B978-0-12-820791-8.09995-8

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140674785&doi=10.1016%2FB978-0-12-820791-8.09995-8&partnerID=40&md5=5a59e63a3ba4e6257ea1071cff176789>

DOCUMENT TYPE: Book

M., Chàfer, Marta, A.L., Pisello, Anna Laura, C., Piselli, Cristina, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Chàfer, Marta (57193771299); Pisello, Anna Laura (54896291600); Piselli, Cristina (56532466200); Cabeza, Luisa F. (7004085845)

57193771299; 54896291600; 56532466200; 7004085845

Greenery system for cooling down outdoor spaces: Results of an experimental study

(2020) Sustainability (Switzerland), 12 (15), art. no. 5888

DOI: 10.3390/SU12155888

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089745967&doi=10.3390%2FSU12155888&partnerID=40&md5=02872a4f4c3ab13ec5b8aaec9abfe1f2>

DOCUMENT TYPE: Article

F., Rosso, Federica, C., Fabiani, Claudia, C., Chiatti, Chiara, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Fabiani, Claudia (56856637200); Chiatti, Chiara (57212227943); Pisello, Anna Laura (54896291600)

56830260800; 56856637200; 57212227943; 54896291600

Cool, photoluminescent paints towards energy consumption reductions in the built environment
(2019) Journal of Physics: Conference Series, 1343 (1), art. no. 012198

DOI: 10.1088/1742-6596/1343/1/012198

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076257673&doi=10.1088%2F1742-6596%2F1343%2F1%2F012198&partnerID=40&md5=e43f98445456ad839ac3a486df36cba1>

DOCUMENT TYPE: Conference paper

C., Piselli, Cristina, V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600)

56532466200; 56109936000; 54896291600

How to enhance thermal energy storage effect of PCM in roofs with varying solar reflectance:
Experimental and numerical assessment of a new roof system for passive cooling in different climate
conditions

(2019) Solar Energy, 192, pp. 106 - 119

DOI: 10.1016/j.solener.2018.06.047

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048483958&doi=10.1016%2Fj.solener.2018.06.047&partnerID=40&md5=54e465f1c694e4aa36247c83f77f24e7>

DOCUMENT TYPE: Article

M.D., Grazia, Matteo Di, C., Piselli, Cristina, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Grazia, Matteo Di (57211643312); Piselli, Cristina (56532466200); Pisello, Anna Laura (54896291600)

57211643312; 56532466200; 54896291600

Influence of microclimate boundary conditions in net zero energy settlements on HVAC efficiency

(2019) IOP Conference Series: Materials Science and Engineering, 609 (7), art. no. 072046

DOI: 10.1088/1757-899X/609/7/072046

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074687025&doi=10.1088%2F1757-899X%2F609%2F7%2F072046&partnerID=40&md5=998f59d89bf6cb1e50d1204dfe7836a7>

DOCUMENT TYPE: Conference paper

C., Piselli, Cristina, A.L., Pisello, Anna Laura, M., Saffari, Mohammad, A., de Gracia, A., F., Cotana, F., L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Pisello, Anna Laura (54896291600); Saffari, Mohammad (57021362200); de Gracia, A. (35799440200); Cotana, F. (56231867900); Cabeza, Luisa F. (7004085845)

56532466200; 54896291600; 57021362200; 35799440200; 56231867900; 7004085845

Cool roof impact on building energy need: The role of thermal insulation with varying climate conditions

(2019) Energies, 12 (17), art. no. 3354

DOI: 10.3390/en12173354

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071624443&doi=10.3390%2Fen12173354&partnerID=40&md5=4dcdf716baf586299fd9c02bdfbe120e>

DOCUMENT TYPE: Article

N., Cavalagli, Nicola, A., Kita, Alban, V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura, F., Ubertini, Filippo

AUTHOR FULL NAMES: Cavalagli, Nicola (24075415000); Kita, Alban (57195589129); Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600); Ubertini, Filippo (55891659200)

24075415000; 57195589129; 56109936000; 54896291600; 55891659200

Hierarchical environmental risk mapping of material degradation in historic masonry buildings: An integrated approach considering climate change and structural damage

(2019) Construction and Building Materials, 215, pp. 998 - 1014

DOI: 10.1016/j.conbuildmat.2019.04.204

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065070929&doi=10.1016%2Fj.conbuildmat.2019.04.204&partnerID=40&md5=e2773471ae023dd938c669f445b376d7>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, A.L., Pisello, Anna Laura, E.R., Bou-Zeid, Elie R., J., Yang, Jiachuan, F., Cotana, F.

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); Bou-Zeid, Elie R. (6603009057); Yang, Jiachuan (56067295100); Cotana, F. (56231867900)

56856637200; 54896291600; 6603009057; 56067295100; 56231867900

Adaptive measures for mitigating urban heat islands: The potential of thermochromic materials to control roofing energy balance

(2019) Applied Energy, 247, pp. 155 - 170

DOI: 10.1016/j.apenergy.2019.04.020

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064311824&doi=10.1016%2Fj.apenergy.2019.04.020&partnerID=40&md5=320e018e4e6bb21910b40a3ef85a5041>

DOCUMENT TYPE: Article

A.R., Downey, Austin R.J., A.L., Pisello, Anna Laura, E., Fortunati, Elena, C., Fabiani, Claudia, F., Luzi, Francesca, L.D., Torre, Luigi Della, F., Ubertini, Filippo, S., Laflamme, Simon

AUTHOR FULL NAMES: Downey, Austin R.J. (56574854800); Pisello, Anna Laura (54896291600); Fortunati, Elena (27967618800); Fabiani, Claudia (56856637200); Luzi, Francesca (55655912100); Torre, Luigi Della (7003508310); Ubertini, Filippo (55891659200); Laflamme, Simon (34168028300)

56574854800; 54896291600; 27967618800; 56856637200; 55655912100; 7003508310; 55891659200; 34168028300

Durability and weatherability of a styrene-ethylene-butylene-styrene (SEBS) block copolymer-based sensing skin for civil infrastructure applications

(2019) Sensors and Actuators A: Physical, 293, pp. 269 - 280

DOI: 10.1016/j.sna.2019.04.022

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065464254&doi=10.1016%2Fj.sna.2019.04.022&partnerID=40&md5=dfe60133cb20590a714a721491a56e2d>

DOCUMENT TYPE: Article

C., Piselli, Cristina, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Pisello, Anna Laura (54896291600)

56532466200; 54896291600

Occupant behavior long-term continuous monitoring integrated to prediction models: Impact on office building energy performance

(2019) Energy, 176, pp. 667 - 681

DOI: 10.1016/j.energy.2019.04.005

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064480137&doi=10.1016%2Fj.energy.2019.04.005&partnerID=40&md5=7101e0acf637caa3c0c8c3d7f2705a99>

DOCUMENT TYPE: Article

N., Makaremi, Nastaran, S., Schiavoni, Samuele, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Makaremi, Nastaran (49961750700); Schiavoni, Samuele (55354894400); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

49961750700; 55354894400; 54896291600; 56231867900

Effects of surface reflectance and lighting design strategies on energy consumption and visual comfort

(2019) Indoor and Built Environment, 28 (4), pp. 552 - 563

DOI: 10.1177/1420326X18793170

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052567740&doi=10.1177%2F1420326X18793170&partnerID=40&md5=bffcf21cbfa701e4a95693c0af9ecfc>

DOCUMENT TYPE: Article

I., Pigliautile, Ilaria, V.L., Castaldo, Veronica Lucia, N., Makaremi, Nastaran, A.L., Pisello, Anna Laura, L.F., Cabeza, Luisa F., F., Cotana, F.

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); Castaldo, Veronica Lucia (56109936000); Makaremi, Nastaran (49961750700); Pisello, Anna Laura (54896291600); Cabeza, Luisa F. (7004085845); Cotana, F. (56231867900)

57194409282; 56109936000; 49961750700; 54896291600; 7004085845; 56231867900

On an innovative approach for microclimate enhancement and retrofit of historic buildings and artworks preservation by means of innovative thin envelope materials

(2019) Journal of Cultural Heritage, 36, pp. 222 - 231

DOI: 10.1016/j.culher.2018.04.017

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052838699&doi=10.1016%2Fj.culher.2018.04.017&partnerID=40&md5=727d250499f63d2486350c03cf9bc974>

DOCUMENT TYPE: Article

E., Olacia, Elena, A.L., Pisello, Anna Laura, V., Chiodo, Vitaliano, S., Maisano, S., A., Frazzica, Andrea, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Olacia, Elena (57207960704); Pisello, Anna Laura (54896291600); Chiodo, Vitaliano (6603101616); Maisano, S. (56582363500); Frazzica, Andrea (45661487200); Cabeza, Luisa F. (7004085845)

57207960704; 54896291600; 6603101616; 56582363500; 45661487200; 7004085845

Use of seagrass fibres in adobe bricks

(2019) IOP Conference Series: Earth and Environmental Science, 225 (1), art. no. 012051

DOI: 10.1088/1755-1315/225/1/012051

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063403093&doi=10.1088%2F1755-1315%2F225%2F1%2F012051&partnerID=40&md5=ba7575c56dc6ddbdc4d41bb8dd6b6d3f>

DOCUMENT TYPE: Conference paper

C., Piselli, Cristina, A., de Gracia, A., M., Prabhakar, Mohit, A.L., Pisello, Anna Laura, L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); de Gracia, A. (35799440200); Prabhakar, Mohit (57203038246); Pisello, Anna Laura (54896291600); Cabeza, Luisa F. (7004085845)

56532466200; 35799440200; 57203038246; 54896291600; 7004085845

Natural ventilation control to enhance the performance of building envelope with integrated phase change material for passive applications in summer

(2019) Building Simulation Conference Proceedings, 3, pp. 1652 - 1658

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107331259&partnerID=40&md5=67ed1df515cc2cfc0c857f7f515cf012>

DOCUMENT TYPE: Conference paper

A., de Gracia, A., J., Tarragona, Joan, A.L., Pisello, Anna Laura, F., Cotana, F., X., Rodriguez, Xavier, J.M., Burgués, Josep Maria, L.F., Cabeza, Luisa F., C., Fernàndez, César

AUTHOR FULL NAMES: de Gracia, A. (35799440200); Tarragona, Joan (57204002141); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Rodriguez, Xavier (57224314547); Burgués, Josep Maria (57224306622); Cabeza, Luisa F. (7004085845); Fernàndez, César (55733319700)

35799440200; 57204002141; 54896291600; 56231867900; 57224314547; 57224306622; 7004085845; 55733319700

Renewable energies in historical buildings (REHIB project)

(2019) Building Simulation Conference Proceedings, 4, pp. 2606 - 2610

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107329686&partnerID=40&md5=8e18bc56cbe27403cfd61b46d82b88f>

DOCUMENT TYPE: Conference paper

V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600)

56109936000; 54896291600

How urban mitigation technologies can contribute to decrease the cooling demand of buildings

(2019), pp. 345 - 397

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086408439&partnerID=40&md5=b3131e0275b525df2f6b5b4a18ca48fd>

DOCUMENT TYPE: Book chapter

J., Romanelli, Jessica, M., Di Grazia, Matteo, C., Piselli, Cristina, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Romanelli, Jessica (57203117657); Di Grazia, Matteo (57217025339); Piselli, Cristina (56532466200); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

57203117657; 57217025339; 56532466200; 54896291600; 56231867900

Environmental sustainability and energy efficiency in historical buildings: GeoFit project implementation in the case study of a medieval fortress in Perugia

(2019) Building Simulation Conference Proceedings, 1, pp. 286 - 292

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085842204&partnerID=40&md5=bef628906ef222501da9b1c77d06b13c>

DOCUMENT TYPE: Conference paper

C., Fabiani, Claudia, A.L., Pisello, Anna Laura, M., Barbanera, Marco, L.F., Cabeza, Luisa F., F., Cotana, F.

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); Barbanera, Marco (57203196766); Cabeza, Luisa F. (7004085845); Cotana, F. (56231867900)

56856637200; 54896291600; 57203196766; 7004085845; 56231867900

Assessing the potentiality of animal fat based-bio phase change materials (PCM) for building applications: An innovative multipurpose thermal investigation

(2019) *Energies*, 12 (6), art. no. 1111

DOI: 10.3390/en12061111

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065976724&doi=10.3390%2Fen12061111&partnerID=40&md5=f2c9f8483f6271115bc4b93481fb664e>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

56856637200; 54896291600

Coupling the transient plane source method with a dynamically controlled environment to study PCM-doped building materials

(2018) *Energy and Buildings*, 180, pp. 122 - 134

DOI: 10.1016/j.enbuild.2018.09.008

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054562907&doi=10.1016%2Fj.enbuild.2018.09.008&partnerID=40&md5=fbcfa0e0bd811d5932c7afae815c4dc9>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, J., Coma, Julià, A.L., Pisello, Anna Laura, G., Pérez, Gabriel, F., Cotana, F., L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Coma, Julià (56016512000); Pisello, Anna Laura (54896291600); Pérez, Gabriel (55418022800); Cotana, F. (56231867900); Cabeza, Luisa F. (7004085845)

56856637200; 56016512000; 54896291600; 55418022800; 56231867900; 7004085845

Thermo-acoustic performance of green roof substrates in dynamic hygrothermal conditions

(2018) Energy and Buildings, 178, pp. 140 - 153

DOI: 10.1016/j.enbuild.2018.08.024

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053152253&doi=10.1016%2Fj.enbuild.2018.08.024&partnerID=40&md5=f9095c68def5dc9acd7170af7e48a176>

DOCUMENT TYPE: Review

V.L., Castaldo, Veronica Lucia, I., Pigliautile, Ilaria, F., Rosso, Federica, F., Cotana, F., F., De Giorgio, Francesco, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Castaldo, Veronica Lucia (56109936000); Pigliautile, Ilaria (57194409282); Rosso, Federica (56830260800); Cotana, F. (56231867900); De Giorgio, Francesco (57203815640); Pisello, Anna Laura (54896291600)

56109936000; 57194409282; 56830260800; 56231867900; 57203815640; 54896291600

How subjective and non-physical parameters affect occupants' environmental comfort perception

(2018) Energy and Buildings, 178, pp. 107 - 129

DOI: 10.1016/j.enbuild.2018.08.020

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DOCUMENT TYPE: Article

V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura, C., Piselli, Cristina, C., Fabiani, Claudia, F., Cotana, F., M.J., Santamouris, Matthaïos J.

AUTHOR FULL NAMES: Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600); Piselli, Cristina (56532466200); Fabiani, Claudia (56856637200); Cotana, F. (56231867900); Santamouris, Matthaïos J. (7006575535)

56109936000; 54896291600; 56532466200; 56856637200; 56231867900; 7006575535

How outdoor microclimate mitigation affects building thermal-energy performance: A new design-stage method for energy saving in residential near-zero energy settlements in Italy

(2018) Renewable Energy, 127, pp. 920 - 935

DOI: 10.1016/j.renene.2018.04.090

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048159496&doi=10.1016%2Fj.renene.2018.04.090&partnerID=40&md5=a11950e4201bb16e2172b85221a5601d>

DOCUMENT TYPE: Article

L.F., Cabeza, Luisa F., A., de Gracia, A., A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cabeza, Luisa F. (7004085845); de Gracia, A. (35799440200); Pisello, Anna Laura (54896291600)

7004085845; 35799440200; 54896291600

Integration of renewable technologies in historical and heritage buildings: A review

(2018) Energy and Buildings, 177, pp. 96 - 111

DOI: 10.1016/j.enbuild.2018.07.058

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051650086&doi=10.1016%2Fj.enbuild.2018.07.058&partnerID=40&md5=62110cfb0b261ade1c950b2aebd5e342>

DOCUMENT TYPE: Review

I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600)

57194409282; 54896291600

A new wearable monitoring system for investigating pedestrians' environmental conditions: Development of the experimental tool and start-up findings

(2018) Science of the Total Environment, 630, pp. 690 - 706

DOI: 10.1016/j.scitotenv.2018.02.208

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042513473&doi=10.1016%2Fj.scitotenv.2018.02.208&partnerID=40&md5=2e1c64e081f21d119d8eafdb3fe2f1ea>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, M., Saliari, Maria, K., Vasilakopoulou, Konstantina, S., Haddad, Shamila, M.J., Santamouris, Matthaios J.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Saliari, Maria (26635990000); Vasilakopoulou, Konstantina (35220787600); Haddad, Shamila (55133585100); Santamouris, Matthaios J. (7006575535)

54896291600; 26635990000; 35220787600; 55133585100; 7006575535

Facing the urban overheating: Recent developments. Mitigation potential and sensitivity of the main technologies

(2018) Wiley Interdisciplinary Reviews: Energy and Environment, 7 (4), art. no. e294

DOI: 10.1002/wene.294

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044377291&doi=10.1002%2Fwene.294&partnerID=40&md5=136894c1595e9843d924afc3c05b923f>

DOCUMENT TYPE: Review

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, C., Piselli, Cristina, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Piselli, Cristina (56532466200); Cotana, F. (56231867900)

54896291600; 56109936000; 56532466200; 56231867900

Coupling artworks preservation constraints with visitors' environmental satisfaction: Results from an indoor microclimate assessment procedure in a historical museum building in central Italy

(2018) Indoor and Built Environment, 27 (6), pp. 846 - 869

DOI: 10.1177/1420326X17694422

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042539057&doi=10.1177%2F1420326X17694422&partnerID=40&md5=037ac7cf3bbd994c8c1cdd77c89293ad>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, A.L., Pisello, Anna Laura, A., D'Alessandro, Antonella, F., Ubertini, Filippo, L.F., Cabeza, Luisa F., F., Cotana, F.

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); D'Alessandro, Antonella (57221530184); Ubertini, Filippo (55891659200); Cabeza, Luisa F. (7004085845); Cotana, F. (56231867900)

56856637200; 54896291600; 57221530184; 55891659200; 7004085845; 56231867900

Effect of PCM on the hydration process of cement-based mixtures: A novel thermo-mechanical investigation

(2018) Materials, 11 (6), art. no. 871

DOI: 10.3390/ma11060871

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047457804&doi=10.3390%2Fma11060871&partnerID=40&md5=7e01e8650d638418b40236b329568851>

DOCUMENT TYPE: Article

C., Piselli, Cristina, V.L., Castaldo, Veronica Lucia, I., Pigliautile, Ilaria, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Castaldo, Veronica Lucia (56109936000); Pigliautile, Ilaria (57194409282); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

56532466200; 56109936000; 57194409282; 54896291600; 56231867900

Outdoor comfort conditions in urban areas: On citizens' perspective about microclimate mitigation of urban transit areas

(2018) Sustainable Cities and Society, 39, pp. 16 - 36

DOI: 10.1016/j.scs.2018.02.004

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042050858&doi=10.1016%2Fj.scs.2018.02.004&partnerID=40&md5=910e389667354c9f1723530e6b7f8229>

DOCUMENT TYPE: Article

F., Rosso, Federica, I., Golasi, Iacopo, V.L., Castaldo, Veronica Lucia, C., Piselli, Cristina, A.L., Pisello, Anna Laura, F., Salata, Ferdinando, M., Ferrero, Marco, F., Cotana, F., A., De Lieto Vollaro, Andrea

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Golasi, Iacopo (56611898500); Castaldo, Veronica Lucia (56109936000); Piselli, Cristina (56532466200); Pisello, Anna Laura (54896291600); Salata, Ferdinando (24333293800); Ferrero, Marco (56830145200); Cotana, F. (56231867900); De Lieto Vollaro, Andrea (6602947553)

56830260800; 56611898500; 56109936000; 56532466200; 54896291600; 24333293800; 56830145200; 56231867900; 6602947553

On the impact of innovative materials on outdoor thermal comfort of pedestrians in historical urban canyons

(2018) Renewable Energy, 118, pp. 825 - 839

DOI: 10.1016/j.renene.2017.11.074

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035776973&doi=10.1016%2Fj.renene.2017.11.074&partnerID=40&md5=f2a06bc7b964f1646732332d4920ac13>

DOCUMENT TYPE: Article

S., D'Oca, Simona, A.L., Pisello, Anna Laura, M., De Simone, Marilena, V.M., Barthelmes, Verena Marie, T., Hong, Tianzhen, S.P., Corgnati, Stefano Paolo

AUTHOR FULL NAMES: D'Oca, Simona (56039820200); Pisello, Anna Laura (54896291600); De Simone, Marilena (23488406700); Barthelmes, Verena Marie (57170605200); Hong, Tianzhen (7202830430); Corgnati, Stefano Paolo (14627354500)

56039820200; 54896291600; 23488406700; 57170605200; 7202830430; 14627354500

Human-building interaction at work: Findings from an interdisciplinary cross-country survey in Italy
(2018) Building and Environment, 132, pp. 147 - 159

DOI: 10.1016/j.buildenv.2018.01.039

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DOCUMENT TYPE: Article

A., D'Alessandro, Antonella, A.L., Pisello, Anna Laura, C., Fabiani, Claudia, F., Ubertini, Filippo, L.F., Cabeza, Luisa F., F., Cotana, F.

AUTHOR FULL NAMES: D'Alessandro, Antonella (57221530184); Pisello, Anna Laura (54896291600); Fabiani, Claudia (56856637200); Ubertini, Filippo (55891659200); Cabeza, Luisa F. (7004085845); Cotana, F. (56231867900)

57221530184; 54896291600; 56856637200; 55891659200; 7004085845; 56231867900

Multifunctional smart concretes with novel phase change materials: Mechanical and thermo-energy investigation

(2018) Applied Energy, 212, pp. 1448 - 1461

DOI: 10.1016/j.apenergy.2018.01.014

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040230661&doi=10.1016%2Fj.apenergy.2018.01.014&partnerID=40&md5=b5c77bb31eaa4223b21cc851f4b4964>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, A.L., Pisello, Anna Laura, H.Ö., Paksoy, Halime Ömür

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); Paksoy, Halime Ömür (6602929721)

56856637200; 54896291600; 6602929721

Novel Building Materials

(2018), 2-5, pp. 980 - 1017

DOI: 10.1016/B978-0-12-809597-3.00257-1

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052284922&doi=10.1016%2FB978-0-12-809597-3.00257-1&partnerID=40&md5=74dfe507fdea54f2813963435255a137>

DOCUMENT TYPE: Book chapter

C., Fabiani, Claudia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600)

56856637200; 54896291600

Coupling controlled environmental forcing and transient plane source method: An innovative thermal characterization procedure for building insulation materials

(2018) Applied Thermal Engineering, 130, pp. 254 - 263

DOI: 10.1016/j.applthermaleng.2017.10.155

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036660686&doi=10.1016%2Fj.applthermaleng.2017.10.155&partnerID=40&md5=ee3e87989bf905ac9c025106bfb2860b>

DOCUMENT TYPE: Article

C., Fabiani, Claudia, A.L., Pisello, Anna Laura, H.Ö., Paksoy, Halime Ömür

AUTHOR FULL NAMES: Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); Paksoy, Halime Ömür (6602929721)

56856637200; 54896291600; 6602929721

Novel Building Materials

(2018), 2, pp. V2 - V2-1017

DOI: 10.1016/B978-0-12-809597-3.00257-1

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184132173&doi=10.1016%2FB978-0-12-809597-3.00257-1&partnerID=40&md5=715c45df2109f7301f5967b94822b5d5>

DOCUMENT TYPE: Book chapter

M.J., Santamouris, Matthaios J., G.A., Ban-Weiss, George A., P.W., Osmond, Paul W., R., Paolini, Riccardo, A., Synnefa, Afroditi, C.I., Cartalis, Constantinos I., A., Muscio, Alberto, M., Zinzi, Michele, T.E., Morakinyo, Tobi Eniolu, Y.Y.E., Ng, Yan Yung Edward

AUTHOR FULL NAMES: Santamouris, Matthaios J. (7006575535); Ban-Weiss, George A. (14019100300); Osmond, Paul W. (8518803700); Paolini, Riccardo (49461629700); Synnefa, Afroditi (14049323300); Cartalis, Constantinos I. (7003644931); Muscio, Alberto (6701623729); Zinzi, Michele (13004336500); Morakinyo, Tobi Eniolu (55660542700); Ng, Yan Yung Edward (15819942600)

7006575535; 14019100300; 8518803700; 49461629700; 14049323300; 7003644931; 6701623729; 13004336500; 55660542700; 15819942600

Progress in urban greenery mitigation science – assessment methodologies advanced technologies and impact on cities

(2018) Journal of Civil Engineering and Management, 24 (8), pp. 638 - 671

DOI: 10.3846/jcem.2018.6604

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060054749&doi=10.3846%2Fjcem.2018.6604&partnerID=40&md5=8b70e8ccf39d3ec88d2b2c83c1833191>

DOCUMENT TYPE: Review

C., Barreneche, Camila, A.L., Pisello, Anna Laura, A.I., Fernandez, A. I., L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Barreneche, Camila (57209037387); Pisello, Anna Laura (54896291600); Fernandez, A. I. (57195584156); Cabeza, Luisa F. (7004085845)

57209037387; 54896291600; 57195584156; 7004085845

Experimental methods for the characterization of materials for latent thermal energy storage

(2018) Green Energy and Technology, PartF13, pp. 89 - 101

DOI: 10.1007/978-3-319-96640-3_7

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059081859&doi=10.1007%2F978-3-319-96640-3_7&partnerID=40&md5=ee18753893091904a65ba34b08fc2be5

DOCUMENT TYPE: Book chapter

F., Rosso, Federica, W., Jin, Weihua, A.L., Pisello, Anna Laura, M., Ferrero, Marco, M., Ghandehari, Masoud

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Jin, Weihua (54414232100); Pisello, Anna Laura (54896291600); Ferrero, Marco (56830145200); Ghandehari, Masoud (7003584135)

56830260800; 54414232100; 54896291600; 56830145200; 7003584135

Optical Characterization of Translucent Stone Subject to Degradation

(2018) Smart Sensors, Measurement and Instrumentation, 28, pp. 233 - 240

DOI: 10.1007/978-3-319-70715-0_19

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047662722&doi=10.1007%2F978-3-319-70715-0_19&partnerID=40&md5=59298693177a5bfe9c17ad23ec826b16

DOCUMENT TYPE: Book chapter

A.R., Downey, Austin R.J., A.L., Pisello, Anna Laura, E., Fortunati, Elena, C., Fabiani, Claudia, F., Luzi, Francesca, L.D., Torre, Luigi Della, F., Ubertini, Filippo, S., Laflamme, Simon

AUTHOR FULL NAMES: Downey, Austin R.J. (56574854800); Pisello, Anna Laura (54896291600); Fortunati, Elena (27967618800); Fabiani, Claudia (56856637200); Luzi, Francesca (55655912100); Torre, Luigi Della (7003508310); Ubertini, Filippo (55891659200); Laflamme, Simon (34168028300)

56574854800; 54896291600; 27967618800; 56856637200; 55655912100; 7003508310; 55891659200; 34168028300

Durability assessment of soft elastomeric capacitor skin for SHM of wind turbine blades

(2018) Proceedings of SPIE - The International Society for Optical Engineering, 10599, art. no. 105991J

DOI: 10.1117/12.2296518

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047466625&doi=10.1117%2F12.2296518&partnerID=40&md5=6a1a66df8cc196d8cb0ddd76923e312b>

DOCUMENT TYPE: Conference paper

M., Saffari, Mohammad, C., Piselli, Cristina, A., de Gracia, A., A.L., Pisello, Anna Laura, F., Cotana, F., L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Saffari, Mohammad (57021362200); Piselli, Cristina (56532466200); de Gracia, A. (35799440200); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Cabeza, Luisa F. (7004085845)

57021362200; 56532466200; 35799440200; 54896291600; 56231867900; 7004085845

Thermal stress reduction in cool roof membranes using phase change materials (PCM)

(2018) Energy and Buildings, 158, pp. 1097 - 1105

DOI: 10.1016/j.enbuild.2017.10.068

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034651616&doi=10.1016%2Fj.enbuild.2017.10.068&partnerID=40&md5=da775fd4b7d7942ba30aa071be97a9f5>

DOCUMENT TYPE: Article

V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600)
56109936000; 54896291600

Uses of dynamic simulation to predict thermal-energy performance of buildings and districts: a review
(2018) Wiley Interdisciplinary Reviews: Energy and Environment, 7 (1), art. no. e269

DOI: 10.1002/wene.269

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032196141&doi=10.1002%2Fwene.269&partnerID=40&md5=edde5dff561c28445e8d497f61f00d99>

DOCUMENT TYPE: Review

J., Romaní, Joaquim, L.F., Cabeza, Luisa F., G., Pérez, Gabriel, A.L., Pisello, Anna Laura, A., de Gracia, A.

AUTHOR FULL NAMES: Romaní, Joaquim (57189524731); Cabeza, Luisa F. (7004085845); Pérez, Gabriel (55418022800); Pisello, Anna Laura (54896291600); de Gracia, A. (35799440200)

57189524731; 7004085845; 55418022800; 54896291600; 35799440200

Experimental testing of cooling internal loads with a radiant wall

(2018) Renewable Energy, 116, pp. 1 - 8

DOI: 10.1016/j.renene.2017.09.051

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030126780&doi=10.1016%2Fj.renene.2017.09.051&partnerID=40&md5=476bc261ff6eb6fbb201c4197ff2338f>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, C., Piselli, Cristina, C., Fabiani, Claudia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Piselli, Cristina (56532466200); Fabiani, Claudia (56856637200); Cotana, F. (56231867900)

54896291600; 56109936000; 56532466200; 56856637200; 56231867900

Thermal performance of coupled cool roof and cool façade: Experimental monitoring and analytical optimization procedure

(2017) Energy and Buildings, 157, pp. 35 - 52

DOI: 10.1016/j.enbuild.2017.04.054

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018428240&doi=10.1016%2Fj.enbuild.2017.04.054&partnerID=40&md5=8073e89bdda9d88b1ec4e426ef4d10ca>

DOCUMENT TYPE: Article

F., Rosso, Federica, A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, M., Ferrero, Marco, F., Cotana, F.

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Ferrero, Marco (56830145200); Cotana, F. (56231867900)

56830260800; 54896291600; 56109936000; 56830145200; 56231867900

On innovative cool-colored materials for building envelopes: Balancing the architectural appearance and the thermal-energy performance in historical districts

(2017) Sustainability (Switzerland), 9 (12), art. no. 2319

DOI: 10.3390/su9122319

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037993549&doi=10.3390%2Fsu9122319&partnerID=40&md5=9519635b895045517b8dbf78eb744e47>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, F., Rosso, Federica, V.L., Castaldo, Veronica Lucia, C., Piselli, Cristina, C., Fabiani, Claudia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Rosso, Federica (56830260800); Castaldo, Veronica Lucia (56109936000); Piselli, Cristina (56532466200); Fabiani, Claudia (56856637200); Cotana, F. (56231867900)

54896291600; 56830260800; 56109936000; 56532466200; 56856637200; 56231867900

The role of building occupants' education in their resilience to climate-change related events

(2017) Energy and Buildings, 154, pp. 217 - 231

DOI: 10.1016/j.enbuild.2017.08.024

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028702309&doi=10.1016%2Fj.enbuild.2017.08.024&partnerID=40&md5=a54128079dd5ebc6c7fe5d623d8cb532>

DOCUMENT TYPE: Article

R., Paolini, Riccardo, A., Zani, Andrea, M., MeshkinKiya, Maryam, V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura, F., Antretter, Florian, T., Poli, Tiziana, F., Cotana, F.

AUTHOR FULL NAMES: Paolini, Riccardo (49461629700); Zani, Andrea (57191667801); MeshkinKiya, Maryam (57192168649); Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600); Antretter, Florian (55210812400); Poli, Tiziana (55318960700); Cotana, F. (56231867900)

49461629700; 57191667801; 57192168649; 56109936000; 54896291600; 55210812400; 55318960700; 56231867900

The hygrothermal performance of residential buildings at urban and rural sites: Sensible and latent energy loads and indoor environmental conditions

(2017) Energy and Buildings, 152, pp. 792 - 803

DOI: 10.1016/j.enbuild.2016.11.018

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006823485&doi=10.1016%2Fj.enbuild.2016.11.018&partnerID=40&md5=5e1a60569fd83033e9a5fa743e2f4326>

DOCUMENT TYPE: Article

F., Rosso, Federica, A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, C., Fabiani, Claudia, F., Cotana, F., M., Ferrero, Marco, W., Jin, Weihua

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Fabiani, Claudia (56856637200); Cotana, F. (56231867900); Ferrero, Marco (56830145200); Jin, Weihua (54414232100)

56830260800; 54896291600; 56109936000; 56856637200; 56231867900; 56830145200; 54414232100

New cool concrete for building envelopes and urban paving: Optics-energy and thermal assessment in dynamic conditions

(2017) Energy and Buildings, 151, pp. 381 - 392

DOI: 10.1016/j.enbuild.2017.06.051

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85022228752&doi=10.1016%2Fj.enbuild.2017.06.051&partnerID=40&md5=08efb9a40934e2bab94aba31fb213117>

DOCUMENT TYPE: Article

C., Piselli, Cristina, M., Saffari, Mohammad, A., de Gracia, A., A.L., Pisello, Anna Laura, F., Cotana, F., L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Saffari, Mohammad (57021362200); de Gracia, A. (35799440200); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Cabeza, Luisa F. (7004085845)

56532466200; 57021362200; 35799440200; 54896291600; 56231867900; 7004085845

Optimization of roof solar reflectance under different climate conditions, occupancy, building configuration and energy systems

(2017) Energy and Buildings, 151, pp. 81 - 97

DOI: 10.1016/j.enbuild.2017.06.045

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021306997&doi=10.1016%2Fj.enbuild.2017.06.045&partnerID=40&md5=ef52a13e8b8e4ba36fbfec9811216ae6>

DOCUMENT TYPE: Article

A., D'Alessandro, Antonella, C., Fabiani, Claudia, A.L., Pisello, Anna Laura, F., Ubertini, Filippo, A.L., Materazzi, Annibale Luigi, F., Cotana, F.

AUTHOR FULL NAMES: D'Alessandro, Antonella (57221530184); Fabiani, Claudia (56856637200); Pisello, Anna Laura (54896291600); Ubertini, Filippo (55891659200); Materazzi, Annibale Luigi (6602673673); Cotana, F. (56231867900)

57221530184; 56856637200; 54896291600; 55891659200; 6602673673; 56231867900

Innovative concretes for low-carbon constructions: A review

(2017) International Journal of Low-Carbon Technologies, 12 (3), pp. 289 - 309

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DOCUMENT TYPE: Review

V.L., Castaldo, Veronica Lucia, I., Pigliautile, Ilaria, F., Rosso, Federica, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Castaldo, Veronica Lucia (56109936000); Pigliautile, Ilaria (57194409282); Rosso, Federica (56830260800); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

56109936000; 57194409282; 56830260800; 54896291600; 56231867900

Investigation of the impact of subjective and physical parameters on the indoor comfort of occupants: A case study in central Italy

(2017) Energy Procedia, 126, pp. 131 - 138

DOI: 10.1016/j.egypro.2017.08.132

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030720371&doi=10.1016%2Fj.egypro.2017.08.132&partnerID=40&md5=72d7a4abd7e3e4fb5c403ebde6a9ee58>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, C., Fabiani, Claudia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Fabiani, Claudia (56856637200); Cotana, F. (56231867900)

54896291600; 56856637200; 56231867900

New experimental technique to investigate the thermal behavior of PCM/doped concrete for enhancing thermal/energy storage capability of building envelope

(2017) Energy Procedia, 126, pp. 139 - 146

DOI: 10.1016/j.egypro.2017.08.133

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030692655&doi=10.1016%2Fj.egypro.2017.08.133&partnerID=40&md5=6b0e911ccbdbb22078f9e27a404edd97>

DOCUMENT TYPE: Conference paper

V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura, I., Pigliautile, Ilaria, C., Piselli, Cristina, F., Cotana, F.

AUTHOR FULL NAMES: Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600); Pigliautile, Ilaria (57194409282); Piselli, Cristina (56532466200); Cotana, F. (56231867900)

56109936000; 54896291600; 57194409282; 56532466200; 56231867900

Microclimate and air quality investigation in historic hilly urban areas: Experimental and numerical investigation in central Italy

(2017) Sustainable Cities and Society, 33, pp. 27 - 44

DOI: 10.1016/j.scs.2017.05.017

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020002952&doi=10.1016%2Fj.scs.2017.05.017&partnerID=40&md5=76a543b422966c4d498ebc7ca4795c41>

DOCUMENT TYPE: Article

F., Rosso, Federica, A.L., Pisello, Anna Laura, F., Cotana, F., M., Ferrero, Marco

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Ferrero, Marco (56830145200)

56830260800; 54896291600; 56231867900; 56830145200

Cool, Translucent Natural Envelope: Thermal-optics Characteristics Experimental Assessment and Thermal-energy and Day Lighting Analysis

(2017) Energy Procedia, 111, pp. 578 - 587

DOI: 10.1016/j.egypro.2017.03.220

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017263552&doi=10.1016%2Fj.egypro.2017.03.220&partnerID=40&md5=4a61a1a6da635dc91fb437027fa8e9db>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, A., D'Alessandro, Antonella, C., Fabiani, Claudia, A.P., Fiorelli, Alessandro Pio, F., Ubertini, Filippo, L.F., Cabeza, Luisa F., A.L., Materazzi, Annibale Luigi, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); D'Alessandro, Antonella (57221530184); Fabiani, Claudia (56856637200); Fiorelli, Alessandro Pio (57193872732); Ubertini, Filippo (55891659200); Cabeza, Luisa F. (7004085845); Materazzi, Annibale Luigi (6602673673); Cotana, F. (56231867900)

54896291600; 57221530184; 56856637200; 57193872732; 55891659200; 7004085845; 6602673673; 56231867900

Multifunctional Analysis of Innovative PCM-filled Concretes

(2017) Energy Procedia, 111, pp. 81 - 90

DOI: 10.1016/j.egypro.2017.03.010

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017249804&doi=10.1016%2Fj.egypro.2017.03.010&partnerID=40&md5=592129ead6a3fa8921a752dd62b557f8>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, A., D'Alessandro, Antonella, S., Sambuco, Sara, M., Rallini, Marco, F., Ubertini, Filippo, F., Asdrubali, Francesco, A.L., Materazzi, Annibale Luigi, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); D'Alessandro, Antonella (57221530184); Sambuco, Sara (56485983500); Rallini, Marco (54947324700); Ubertini, Filippo (55891659200);

Asdrubali, Francesco (57215601725); Materazzi, Annibale Luigi (6602673673); Cotana, F. (56231867900)

54896291600; 57221530184; 56485983500; 54947324700; 55891659200; 57215601725; 6602673673; 56231867900

Multipurpose experimental characterization of smart nanocomposite cement-based materials for thermal-energy efficiency and strain-sensing capability

(2017) *Solar Energy Materials and Solar Cells*, 161, pp. 77 - 88

DOI: 10.1016/j.solmat.2016.11.030

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DOCUMENT TYPE: Article

S.P., Corgnati, Stefano Paolo, F., Cotana, F., S., D'Oca, Simona, A.L., Pisello, Anna Laura, F., Rosso, Federica

AUTHOR FULL NAMES: Corgnati, Stefano Paolo (14627354500); Cotana, F. (56231867900); D'Oca, Simona (56039820200); Pisello, Anna Laura (54896291600); Rosso, Federica (56830260800)

14627354500; 56231867900; 56039820200; 54896291600; 56830260800

A Cost-Effective Human-Based Energy-Retrofitting Approach

(2017), pp. 219 - 255

DOI: 10.1016/B978-0-08-101128-7.00008-3

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032336989&doi=10.1016%2FB978-0-08-101128-7.00008-3&partnerID=40&md5=f74a28f6a404b13837c824f7194a577f>

DOCUMENT TYPE: Book chapter

A.L., Pisello, Anna Laura, E., Fortunati, Elena, C., Fabiani, Claudia, S., Mattioli, Samantha, F., Dominici, Franco, L.D., Torre, Luigi Della, L.F., Cabeza, Luisa F., F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Fortunati, Elena (27967618800); Fabiani, Claudia (56856637200); Mattioli, Samantha (25028214100); Dominici, Franco (56059326200); Torre, Luigi Della (7003508310); Cabeza, Luisa F. (7004085845); Cotana, F. (56231867900)

54896291600; 27967618800; 56856637200; 25028214100; 56059326200; 7003508310; 7004085845; 56231867900

PCM for improving polyurethane-based cool roof membranes durability

(2017) *Solar Energy Materials and Solar Cells*, 160, pp. 34 - 42

DOI: 10.1016/j.solmat.2016.09.036

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DOCUMENT TYPE: Article

J., Romanelli, Jessica, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Romanelli, Jessica (57203117657); Pisello, Anna Laura (54896291600)

57203117657; 54896291600

On behavioral action hierarchy for understanding occupants' attitudes driving indoor thermal comfort in office buildings

(2017), pp. 910 - 921

DOI: 10.18086/swc.2017.15.07

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050525794&doi=10.18086%2Fswc.2017.15.07&partnerID=40&md5=f7fac984a77b47fc13462b58db0dd416>

DOCUMENT TYPE: Conference paper

C., Piselli, Cristina, A.L., Pisello, Anna Laura, A., de Gracia, A., M., Saffari, Mohammad, F., Cotana, F., L.F., Cabeza, Luisa F.

AUTHOR FULL NAMES: Piselli, Cristina (56532466200); Pisello, Anna Laura (54896291600); de Gracia, A. (35799440200); Saffari, Mohammad (57021362200); Cotana, F. (56231867900); Cabeza, Luisa F. (7004085845)

56532466200; 54896291600; 35799440200; 57021362200; 56231867900; 7004085845

Optimization of coupled building roof solar reflectance and thermal insulation level for annual energy saving under different climate zones

(2017), pp. 2320 - 2331

DOI: 10.18086/swc.2017.35.03

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050513441&doi=10.18086%2Fswc.2017.35.03&partnerID=40&md5=c7b5490438a73c33f993926e46aa570a>

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A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, C., Fabiani, Claudia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Fabiani, Claudia (56856637200); Cotana, F. (56231867900)

54896291600; 56109936000; 56856637200; 56231867900

On the indoor thermal behavior of a building with cool envelope components

(2017) Building Simulation Applications, 2017-February, pp. 61 - 68

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050349185&partnerID=40&md5=ea82e4c42cf8f9febddd12212f8b57d8>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, C., Fabiani, Claudia, C., Piselli, Cristina, F., Cotana, F., M.J., Santamouris, Matthaios J.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Fabiani, Claudia (56856637200); Piselli, Cristina (56532466200); Cotana, F. (56231867900); Santamouris, Matthaios J. (7006575535)

54896291600; 56109936000; 56856637200; 56532466200; 56231867900; 7006575535

How microclimate mitigation affects building thermal-energy performance in residential zero energy Italian settlements

(2017) Building Simulation Applications, 2017-February, pp. 69 - 76

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050338198&partnerID=40&md5=de6eb597d69073e9b857800f5f8408d8>

DOCUMENT TYPE: Conference paper

V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

56109936000; 54896291600; 56231867900

Sustainable refurbishment of historic buildings through an innovative trigeneration energy plant

(2017)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048614647&partnerID=40&md5=cfbdb14c6d0448adad8df6848962fd5>

DOCUMENT TYPE: Conference paper

V.L., Castaldo, Veronica Lucia, F., Rosso, Federica, I., Golasi, Iacopo, C., Piselli, Cristina, F., Salata, Ferdinando, A.L., Pisello, Anna Laura, M., Ferrero, Marco, F., Cotana, F., A., De Lieto Vollaro, Andrea

AUTHOR FULL NAMES: Castaldo, Veronica Lucia (56109936000); Rosso, Federica (56830260800); Golasi, Iacopo (56611898500); Piselli, Cristina (56532466200); Salata, Ferdinando (24333293800); Pisello, Anna Laura (54896291600); Ferrero, Marco (56830145200); Cotana, F. (56231867900); De Lieto Vollaro, Andrea (6602947553)

56109936000; 56830260800; 56611898500; 56532466200; 24333293800; 54896291600; 56830145200; 56231867900; 6602947553

Thermal comfort in the historical urban canyon: The effect of innovative materials

(2017) Energy Procedia, 134, pp. 151 - 160

DOI: 10.1016/j.egypro.2017.09.553

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032701426&doi=10.1016%2Fj.egypro.2017.09.553&partnerID=40&md5=f62d9a10a8b3cfc4134d5fd56d49293>

DOCUMENT TYPE: Conference paper

F., Rosso, Federica, A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, F., Cotana, F., M., Ferrero, Marco

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Cotana, F. (56231867900); Ferrero, Marco (56830145200)

56830260800; 54896291600; 56109936000; 56231867900; 56830145200

Smart cool mortar for passive cooling of historical and existing buildings: Experimental analysis and dynamic simulation

(2017) Energy Procedia, 134, pp. 536 - 544

DOI: 10.1016/j.egypro.2017.09.560

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032685120&doi=10.1016%2Fj.egypro.2017.09.560&partnerID=40&md5=7c0509234a386c57a7e49858c8a7af6f>

DOCUMENT TYPE: Conference paper

N., Makaremi, Nastaran, S., Schiavoni, Samuele, A.L., Pisello, Anna Laura, F., Asdrubali, Francesco, F., Cotana, F.

AUTHOR FULL NAMES: Makaremi, Nastaran (49961750700); Schiavoni, Samuele (55354894400); Pisello, Anna Laura (54896291600); Asdrubali, Francesco (57215601725); Cotana, F. (56231867900)

49961750700; 55354894400; 54896291600; 57215601725; 56231867900

Quantifying the effects of interior surface reflectance on indoor lighting

(2017) Energy Procedia, 134, pp. 306 - 316

DOI: 10.1016/j.egypro.2017.09.531

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032655341&doi=10.1016%2Fj.egypro.2017.09.531&partnerID=40&md5=ad3446c0b839a1a70129926d7e37a1f2>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, C., Fabiani, Claudia, A., D'Alessandro, Antonella, L.F., Cabeza, Luisa F., F., Ubertini, Filippo, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Fabiani, Claudia (56856637200); D'Alessandro, Antonella (57221530184); Cabeza, Luisa F. (7004085845); Ubertini, Filippo (55891659200); Cotana, F. (56231867900)

54896291600; 56856637200; 57221530184; 7004085845; 55891659200; 56231867900

Novel dynamic thermal characterization of multifunctional concretes with microencapsulated phase change materials

(2017) Proceedings of SPIE - The International Society for Optical Engineering, 10171, art. no. 101710P

DOI: 10.1117/12.2262062

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021782672&doi=10.1117%2F12.2262062&partnerID=40&md5=c2955b5e03a8b30942f64a0433a99637>

DOCUMENT TYPE: Conference paper

V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura, P., Boarin, Paola, A., Petrozzi, Alessandro, F., Cotana, F.

AUTHOR FULL NAMES: Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600); Boarin, Paola (56507356800); Petrozzi, Alessandro (56029197100); Cotana, F. (56231867900)

56109936000; 54896291600; 56507356800; 56029197100; 56231867900

The experience of international sustainability protocols for retrofitting historical buildings in Italy

(2017) Buildings, 7 (2), art. no. 52

DOI: 10.3390/buildings7020052

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020910996&doi=10.3390%2Fbuildings7020052&partnerID=40&md5=34e032426c1909daf8f5a0879bef53b1>

DOCUMENT TYPE: Article

A., Synnefa, Afroditi, M., Laskari, Marina, R.K., Gupta, Rajat Kumar, A.L., Pisello, Anna Laura, M.J., Santamouris, Matthaïos J.

AUTHOR FULL NAMES: Synnefa, Afroditi (14049323300); Laskari, Marina (55110007600); Gupta, Rajat Kumar (7501323603); Pisello, Anna Laura (54896291600); Santamouris, Matthaïos J. (7006575535)

14049323300; 55110007600; 7501323603; 54896291600; 7006575535

Development of Net Zero Energy Settlements Using Advanced Energy Technologies

(2017) Procedia Engineering, 180, pp. 1388 - 1401

DOI: 10.1016/j.proeng.2017.04.302

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DOCUMENT TYPE: Conference paper

A., Pyrgou, Andri, V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura, F., Cotana, F., M.J., Santamouris, Matthaïos J.

AUTHOR FULL NAMES: Pyrgou, Andri (57189054758); Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Santamouris, Matthaïos J. (7006575535)

57189054758; 56109936000; 54896291600; 56231867900; 7006575535

Differentiating responses of weather files and local climate change to explain variations in building thermal-energy performance simulations

(2017) Solar Energy, 153, pp. 224 - 237

DOI: 10.1016/j.solener.2017.05.040

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019714104&doi=10.1016%2Fj.solener.2017.05.040&partnerID=40&md5=0af7fd06f9acba97abc3d6c2602020>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600)

54896291600

State of the art on the development of cool coatings for buildings and cities

(2017) Solar Energy, 144, pp. 660 - 680

DOI: 10.1016/j.solener.2017.01.068

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012302305&doi=10.1016%2Fj.solener.2017.01.068&partnerID=40&md5=90f03f42edf2957523a8ac81f3978d1d>

DOCUMENT TYPE: Review

A., Pyrgou, Andri, V.L., Castaldo, Veronica Lucia, A.L., Pisello, Anna Laura, F., Cotana, F., M.J., Santamouris, Matthaios J.

AUTHOR FULL NAMES: Pyrgou, Andri (57189054758); Castaldo, Veronica Lucia (56109936000); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Santamouris, Matthaios J. (7006575535)

57189054758; 56109936000; 54896291600; 56231867900; 7006575535

On the effect of summer heatwaves and urban overheating on building thermal-energy performance in central Italy

(2017) Sustainable Cities and Society, 28, pp. 187 - 200

DOI: 10.1016/j.scs.2016.09.012

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989216683&doi=10.1016%2Fj.scs.2016.09.012&partnerID=40&md5=f20f64c02de30ab11ed4ccd4eddf662f>

DOCUMENT TYPE: Article

F., Ubertini, Filippo, G., Comanducci, Gabriele, N., Cavalagli, Nicola, A.L., Pisello, Anna Laura, A.L., Materazzi, Annibale Luigi, F., Cotana, F.

AUTHOR FULL NAMES: Ubertini, Filippo (55891659200); Comanducci, Gabriele (56479094800); Cavalagli, Nicola (24075415000); Pisello, Anna Laura (54896291600); Materazzi, Annibale Luigi (6602673673); Cotana, F. (56231867900)

55891659200; 56479094800; 24075415000; 54896291600; 6602673673; 56231867900

Environmental effects on natural frequencies of the San Pietro bell tower in Perugia, Italy, and their removal for structural performance assessment

(2017) Mechanical Systems and Signal Processing, 82, pp. 307 - 322

DOI: 10.1016/j.ymssp.2016.05.025

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DOCUMENT TYPE: Article

Y., Han, Yilong, J.E., Taylor, John Eric, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Han, Yilong (57194455715); Taylor, John Eric (55741147200); Pisello, Anna Laura (54896291600)

57194455715; 55741147200; 54896291600

Exploring mutual shading and mutual reflection inter-building effects on building energy performance

(2017) Applied Energy, 185, pp. 1556 - 1564

DOI: 10.1016/j.apenergy.2015.10.170

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DOCUMENT TYPE: Article

F., Rosso, Federica, A.L., Pisello, Anna Laura, F., Cotana, F., M., Ferrero, Marco

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Ferrero, Marco (56830145200)

56830260800; 54896291600; 56231867900; 56830145200

On the thermal and visual pedestrians' perception about cool natural stones for urban paving: A field survey in summer conditions

(2016) Building and Environment, 107, pp. 198 - 214

DOI: 10.1016/j.buildenv.2016.07.028

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989945877&doi=10.1016%2Fj.buildenv.2016.07.028&partnerID=40&md5=b629437b505b4c66e776c7c466ecb123>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, J.E., Taylor, John Eric, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Taylor, John Eric (55741147200); Cotana, F. (56231867900)

54896291600; 56109936000; 55741147200; 56231867900

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(2016) Energy and Buildings, 127, pp. 870 - 883

DOI: 10.1016/j.enbuild.2016.06.023

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[84977090800&doi=10.1016%2Fj.enbuild.2016.06.023&partnerID=40&md5=18753960400568cc71903882981d1e2c](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977090800&doi=10.1016%2Fj.enbuild.2016.06.023&partnerID=40&md5=18753960400568cc71903882981d1e2c)

DOCUMENT TYPE: Article

C., Carletti, Cristina, F., Scurpi, Fabio, L., Pierangioli, Leone, F., Asdrubali, Francesco, A.L., Pisello, Anna Laura, F., Bianchi, F., S., Sambuco, Sara, C., Guattari, Claudia

AUTHOR FULL NAMES: Carletti, Cristina (57188747437); Scurpi, Fabio (6504794312); Pierangioli, Leone (56330843200); Asdrubali, Francesco (57215601725); Pisello, Anna Laura (54896291600); Bianchi, F. (57217066171); Sambuco, Sara (56485983500); Guattari, Claudia (36470228000)

57188747437; 6504794312; 56330843200; 57215601725; 54896291600; 57217066171; 56485983500; 36470228000

Thermal and lighting effects of an external venetian blind: Experimental analysis in a full scale test room

(2016) Building and Environment, 106, pp. 45 - 56

DOI: 10.1016/j.buildenv.2016.06.017

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[84976292145&doi=10.1016%2Fj.buildenv.2016.06.017&partnerID=40&md5=d6fd595fbd190d48aaa29cd0bcaee275](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976292145&doi=10.1016%2Fj.buildenv.2016.06.017&partnerID=40&md5=d6fd595fbd190d48aaa29cd0bcaee275)

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, C., Piselli, Cristina, C., Fabiani, Claudia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Piselli, Cristina (56532466200); Fabiani, Claudia (56856637200); Cotana, F. (56231867900)

54896291600; 56109936000; 56532466200; 56856637200; 56231867900

How peers' personal attitudes affect indoor microclimate and energy need in an institutional building: Results from a continuous monitoring campaign in summer and winter conditions

(2016) Energy and Buildings, 126, pp. 485 - 497

DOI: 10.1016/j.enbuild.2016.05.053

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DOCUMENT TYPE: Article

F., Rosso, Federica, A.L., Pisello, Anna Laura, W., Jin, Weihua, M., Ghandehari, Masoud, F., Cotana, F., M., Ferrero, Marco

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pisello, Anna Laura (54896291600); Jin, Weihua (54414232100); Ghandehari, Masoud (7003584135); Cotana, F. (56231867900); Ferrero, Marco (56830145200)

56830260800; 54896291600; 54414232100; 7003584135; 56231867900; 56830145200

Cool marble building envelopes: The effect of aging on energy performance and aesthetics

(2016) Sustainability (Switzerland), 8 (8), art. no. 753

DOI: 10.3390/su8080753

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983740522&doi=10.3390%2Fsu8080753&partnerID=40&md5=45bc657cbedc5a8be98389bd47dfbce2>

DOCUMENT TYPE: Article

F., Cotana, F., C., Buratti, Cinzia, M., Barbanera, Marco, G., Cavalaglio, Gianluca, D., Foschini, Daniele, A., Nicolini, Andrea, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cotana, F. (56231867900); Buratti, Cinzia (56186418900); Barbanera, Marco (57203196766); Cavalaglio, Gianluca (56030609700); Foschini, Daniele (57170483800); Nicolini, Andrea (57193752460); Pisello, Anna Laura (54896291600)

56231867900; 56186418900; 57203196766; 56030609700; 57170483800; 57193752460; 54896291600

Driftwood biomass in Italy: Estimation and characterization

(2016) Sustainability (Switzerland), 8 (8), art. no. 725

DOI: 10.3390/su8080725

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983738651&doi=10.3390%2Fsu8080725&partnerID=40&md5=b88c86e1644ea3eaa03c34afd5e1bb29>

DOCUMENT TYPE: Article

F., Asdrubali, Francesco, F., Bianchi, F., F., Cotana, F., F., D'Alessandro, Francesco, M., Pertosa, M., A.L., Pisello, Anna Laura, S., Schiavoni, Samuele

AUTHOR FULL NAMES: Asdrubali, Francesco (57215601725); Bianchi, F. (57217066171); Cotana, F. (56231867900); D'Alessandro, Francesco (57480107600); Pertosa, M. (57188643264); Pisello, Anna Laura (54896291600); Schiavoni, Samuele (55354894400)

57215601725; 57217066171; 56231867900; 57480107600; 57188643264; 54896291600; 55354894400

Experimental thermo-acoustic characterization of innovative common reed bio-based panels for building envelope

(2016) Building and Environment, 102, pp. 217 - 229

DOI: 10.1016/j.buildenv.2016.03.022

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962010055&doi=10.1016%2Fj.buildenv.2016.03.022&partnerID=40&md5=1422733dca9f4a45f5ed49219d8548f2>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, G., Pignatta, Gloria, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Pignatta, Gloria (56331396900); Cotana, F. (56231867900)

54896291600; 56109936000; 56331396900; 56231867900

Integrated numerical and experimental methodology for thermal-energy analysis and optimization of heritage museum buildings

(2016) Building Services Engineering Research and Technology, 37 (3), pp. 334 - 354

DOI: 10.1177/0143624415609910

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DOCUMENT TYPE: Article

F., Rosso, Federica, W., Jin, Weihua, A.L., Pisello, Anna Laura, M., Ferrero, Marco, M., Ghandehari, Masoud

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Jin, Weihua (54414232100); Pisello, Anna Laura (54896291600); Ferrero, Marco (56830145200); Ghandehari, Masoud (7003584135)

56830260800; 54414232100; 54896291600; 56830145200; 7003584135

Translucent marbles for building envelope applications: Weathering effects on surface lightness and finishing when exposed to simulated acid rain

(2016) Construction and Building Materials, 108, pp. 146 - 153

DOI: 10.1016/j.conbuildmat.2016.01.041

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956929312&doi=10.1016%2Fj.conbuildmat.2016.01.041&partnerID=40&md5=17676719fa3b12c83242adf611894d20>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, G., Pignatta, Gloria, F., Cotana, F., M.J., Santamouris, Matthaios J.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Pignatta, Gloria (56331396900); Cotana, F. (56231867900); Santamouris, Matthaios J. (7006575535)

54896291600; 56109936000; 56331396900; 56231867900; 7006575535

Experimental in-lab and in-field analysis of waterproof membranes for cool roof application and urban heat island mitigation

(2016) Energy and Buildings, 114, pp. 180 - 190

DOI: 10.1016/j.enbuild.2015.05.026

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962449802&doi=10.1016%2Fj.enbuild.2015.05.026&partnerID=40&md5=d07b2799028bddfb3f4d14fac239304d>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, C., Fabiani, Claudia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Fabiani, Claudia (56856637200); Cotana, F. (56231867900)

54896291600; 56109936000; 56856637200; 56231867900

Investigation on the effect of innovative cool tiles on local indoor thermal conditions: Finite element modeling and continuous monitoring

(2016) Building and Environment, 97, pp. 55 - 68

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DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, E., Fortunati, Elena, S., Mattioli, Samantha, L.F., Cabeza, Luisa F., C., Barreneche, Camila, J.M., Kenny, Jose' M., F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Fortunati, Elena (27967618800); Mattioli, Samantha (25028214100); Cabeza, Luisa F. (7004085845); Barreneche, Camila (57209037387); Kenny, Jose' M. (57218420161); Cotana, F. (56231867900)

54896291600; 27967618800; 25028214100; 7004085845; 57209037387; 57218420161; 56231867900

Innovative cool roofing membrane with integrated phase change materials: Experimental characterization of morphological, thermal and optic-energy behavior

(2016) Energy and Buildings, 112, pp. 40 - 48

DOI: 10.1016/j.enbuild.2015.11.061

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DOCUMENT TYPE: Article

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AUTHOR FULL NAMES: Akbari, Hashem (35355580500); Cartalis, Constantinos I. (7003644931); Kolokotsa, Dionysia-Denia Denia (36337762700); Muscio, Alberto (6701623729); Pisello, Anna Laura (54896291600); Rossi, Federico (7401756467); Santamouris, Matthaios J. (7006575535); Synnefa, Afroditi (14049323300); Wong, Nyuk Hien (7202836613); Zinzi, Michele (13004336500)

35355580500; 7003644931; 36337762700; 6701623729; 54896291600; 7401756467; 7006575535; 14049323300; 7202836613; 13004336500

Local climate change and urban heat island mitigation techniques - The state of the art

(2016) Journal of Civil Engineering and Management, 22 (1), pp. 1 - 16

DOI: 10.3846/13923730.2015.1111934

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950970795&doi=10.3846%2F13923730.2015.1111934&partnerID=40&md5=70b2835ed1024cce7faee6f1c49cc448>

DOCUMENT TYPE: Article

A., D'Alessandro, Antonella, A.L., Pisello, Anna Laura, C., Fabiani, Claudia, F., Ubertini, Filippo, L.F., Cabeza, Luisa F., F., Cotana, F., A.L., Materazzi, Annibale Luigi

AUTHOR FULL NAMES: D'Alessandro, Antonella (57221530184); Pisello, Anna Laura (54896291600); Fabiani, Claudia (56856637200); Ubertini, Filippo (55891659200); Cabeza, Luisa F. (7004085845); Cotana, F. (56231867900); Materazzi, Annibale Luigi (6602673673)

57221530184; 54896291600; 56856637200; 55891659200; 7004085845; 56231867900; 6602673673

Innovative structural concretes with phase change materials for sustainable constructions:
Mechanical and thermal characterization

(2016) Lecture Notes in Civil Engineering, 10, pp. 172 - 183

DOI: 10.1007/978-3-319-78936-1_13

https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062691229&doi=10.1007%2F978-3-319-78936-1_13&partnerID=40&md5=024fee683ae570cb6c4a78cf5b265d83

DOCUMENT TYPE: Book chapter

A.L., Pisello, Anna Laura, R., Paolini, Riccardo, M.V., Diamanti, Maria Vittoria, E., Fortunati, Elena, V.L., Castaldo, Veronica Lucia, L.D., Torre, Luigi Della

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Paolini, Riccardo (49461629700); Diamanti, Maria Vittoria (55888037600); Fortunati, Elena (27967618800); Castaldo, Veronica Lucia (56109936000); Torre, Luigi Della (7003508310)

54896291600; 49461629700; 55888037600; 27967618800; 56109936000; 7003508310

Nanotech-based cool materials for building energy efficiency

(2016), pp. 245 - 278

DOI: 10.1007/978-3-319-27505-5_9

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DOCUMENT TYPE: Book chapter

F., Ubertini, Filippo, N., Cavalagli, Nicola, G., Comanducci, Gabriele, A.L., Materazzi, Annibale Luigi, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Ubertini, Filippo (55891659200); Cavalagli, Nicola (24075415000); Comanducci, Gabriele (56479094800); Materazzi, Annibale Luigi (6602673673); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

55891659200; 24075415000; 56479094800; 6602673673; 54896291600; 56231867900

Automated post-earthquake damage detection in a monumental bell tower by continuous dynamic monitoring

(2016), pp. 812 - 819

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002291991&partnerID=40&md5=7e9399a1af2350aa7ae998b7395b70b0>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, G., Pignatta, Gloria, C., Piselli, Cristina, V.L., Castaldo, Veronica Lucia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Pignatta, Gloria (56331396900); Piselli, Cristina (56532466200); Castaldo, Veronica Lucia (56109936000); Cotana, F. (56231867900)

54896291600; 56331396900; 56532466200; 56109936000; 56231867900

Investigating the dynamic thermal behavior of building envelope in summer conditions by means of in-field continuous monitoring

(2016) American Journal of Engineering and Applied Sciences, 9 (3), pp. 505 - 519

DOI: 10.3844/ajeassp.2016.505.519

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991069386&doi=10.3844%2Fajeassp.2016.505.519&partnerID=40&md5=c59b9a4200bdebc39c98bd13f3acf66d>

DOCUMENT TYPE: Article

G., Cavalaglio, Gianluca, M., Gelosia, Mattia, S., D'Antonio, Silvia, A., Nicolini, Andrea, A.L., Pisello, Anna Laura, M., Barbanera, Marco, F., Cotana, F.

AUTHOR FULL NAMES: Cavalaglio, Gianluca (56030609700); Gelosia, Mattia (56030325300); D'Antonio, Silvia (57055375100); Nicolini, Andrea (57193752460); Pisello, Anna Laura (54896291600); Barbanera, Marco (57203196766); Cotana, F. (56231867900)

56030609700; 56030325300; 57055375100; 57193752460; 54896291600; 57203196766; 56231867900

Lignocellulosic ethanol production from the recovery of stranded driftwood residues

(2016) Energies, 9 (8), art. no. 634

DOI: 10.3390/en9080634

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984794083&doi=10.3390%2Fen9080634&partnerID=40&md5=262c2825066b5aee03c7daa673ae23a1>

DOCUMENT TYPE: Article

A., D'Alessandro, Antonella, A.L., Pisello, Anna Laura, S., Sambuco, Sara, F., Ubertini, Filippo, F., Asdrubali, Francesco, A.L., Materazzi, Annibale Luigi, F., Cotana, F.

AUTHOR FULL NAMES: D'Alessandro, Antonella (57221530184); Pisello, Anna Laura (54896291600); Sambuco, Sara (56485983500); Ubertini, Filippo (55891659200); Asdrubali, Francesco (57215601725); Materazzi, Annibale Luigi (6602673673); Cotana, F. (56231867900)

57221530184; 54896291600; 56485983500; 55891659200; 57215601725; 6602673673; 56231867900

Self-sensing and thermal energy experimental characterization of multifunctional cement-matrix composites with carbon nano-inclusions

(2016) Proceedings of SPIE - The International Society for Optical Engineering, 9800, art. no. 98000Z

DOI: 10.1117/12.2218680

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983239099&doi=10.1117%2F12.2218680&partnerID=40&md5=05d68cd6d002538686480ce8be94c003>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, C., Fabiani, Claudia, N., Makaremi, Nastaran, V.L., Castaldo, Veronica Lucia, G., Cavalaglio, Gianluca, A., Nicolini, Andrea, M., Barbanera, Marco, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Fabiani, Claudia (56856637200); Makaremi, Nastaran (49961750700); Castaldo, Veronica Lucia (56109936000); Cavalaglio, Gianluca (56030609700); Nicolini, Andrea (57193752460); Barbanera, Marco (57203196766); Cotana, F. (56231867900)

54896291600; 56856637200; 49961750700; 56109936000; 56030609700; 57193752460; 57203196766; 56231867900

Sustainable new brick and thermo-acoustic insulation panel from mineralization of stranded driftwood residues

(2016) Energies, 9 (8), art. no. 619

DOI: 10.3390/en9080619

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982969188&doi=10.3390%2Fen9080619&partnerID=40&md5=5d439d305b9fdc2be7cc505e4091ac8a>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, F., Rosso, Federica, C., Piselli, Cristina, M., Ferrero, Marco, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Rosso, Federica (56830260800); Piselli, Cristina (56532466200); Ferrero, Marco (56830145200); Cotana, F. (56231867900)

54896291600; 56109936000; 56830260800; 56532466200; 56830145200; 56231867900

Traditional and innovative materials for energy efficiency in buildings

(2016) Key Engineering Materials, 678, pp. 14 - 34

DOI: 10.4028/www.scientific.net/KEM.678.14

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981240467&doi=10.4028%2Fwww.scientific.net%2FKEM.678.14&partnerID=40&md5=30770de3ffa8e2626ba463f6e6de7a0d>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, F., Rosso, Federica

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Rosso, Federica (56830260800)

54896291600; 56830260800

Natural materials for thermal insulation and passive cooling application

(2016) Key Engineering Materials, 666, pp. 1 - 16

DOI: 10.4028/www.scientific.net/KEM.666.1

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945178808&doi=10.4028%2Fwww.scientific.net%2FKEM.666.1&partnerID=40&md5=c962b1d648b054511840773613e21ec6>

DOCUMENT TYPE: Article

F., Asdrubali, Francesco, A.L., Pisello, Anna Laura, F., D'Alessandro, Francesco, F., Bianchi, F., C., Fabiani, Claudia, M., Cornicchia, Matteo, A., Rotili, Antonella

AUTHOR FULL NAMES: Asdrubali, Francesco (57215601725); Pisello, Anna Laura (54896291600); D'Alessandro, Francesco (57480107600); Bianchi, F. (57217066171); Fabiani, Claudia (56856637200); Cornicchia, Matteo (56856848000); Rotili, Antonella (56004889400)

57215601725; 54896291600; 57480107600; 57217066171; 56856637200; 56856848000; 56004889400

Experimental and numerical characterization of innovative cardboard based panels: Thermal and acoustic performance analysis and life cycle assessment

(2016) Building and Environment, 95, pp. 145 - 159

DOI: 10.1016/j.buildenv.2015.09.003

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941931047&doi=10.1016%2Fj.buildenv.2015.09.003&partnerID=40&md5=77d03a3afcbf49b2a8cd366e4436f9a0>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Cotana, F. (56231867900)

54896291600; 56109936000; 56231867900

Dynamic thermal-energy performance analysis of a prototype building with integrated phase change materials

(2015) Energy Procedia, 81, pp. 82 - 88

DOI: 10.1016/j.egypro.2015.12.062

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961777282&doi=10.1016%2Fj.egypro.2015.12.062&partnerID=40&md5=76a778b913530cba9e15b969b10e06ec>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600)

54896291600

Thermal-energy analysis of roof cool clay tiles for application in historic buildings and cities

(2015) Sustainable Cities and Society, 19, art. no. 256, pp. 271 - 280

DOI: 10.1016/j.scs.2015.03.003

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944176823&doi=10.1016%2Fj.scs.2015.03.003&partnerID=40&md5=c4c307b6223aa05793465e8fb0f723ab>

DOCUMENT TYPE: Article

V.L., Castaldo, Veronica Lucia, V., Coccia, Valentina, F., Cotana, F., G., Pignatta, Gloria, A.L., Pisello, Anna Laura, F., Rossi, Federico

AUTHOR FULL NAMES: Castaldo, Veronica Lucia (56109936000); Coccia, Valentina (55974868700); Cotana, F. (56231867900); Pignatta, Gloria (56331396900); Pisello, Anna Laura (54896291600); Rossi, Federico (7401756467)

56109936000; 55974868700; 56231867900; 56331396900; 54896291600; 7401756467

Thermal-energy analysis of natural "cool" stone aggregates as passive cooling and global warming mitigation technique

(2015) Urban Climate, 14, pp. 301 - 314

DOI: 10.1016/j.uclim.2015.05.006

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84932116749&doi=10.1016%2Fj.uclim.2015.05.006&partnerID=40&md5=20d9b70a3425348099f138b3d83be41f>

DOCUMENT TYPE: Article

F., Asdrubali, Francesco, A.L., Pisello, Anna Laura, F., D'Alessandro, Francesco, F., Bianchi, F., M., Cornicchia, Matteo, C., Fabiani, Claudia

AUTHOR FULL NAMES: Asdrubali, Francesco (57215601725); Pisello, Anna Laura (54896291600); D'Alessandro, Francesco (57480107600); Bianchi, F. (57217066171); Cornicchia, Matteo (56856848000); Fabiani, Claudia (56856637200)

57215601725; 54896291600; 57480107600; 57217066171; 56856848000; 56856637200

Innovative cardboard based panels with recycled materials from the packaging industry: Thermal and acoustic performance analysis

(2015) Energy Procedia, 78, pp. 321 - 326

DOI: 10.1016/j.egypro.2015.11.652

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962607301&doi=10.1016%2Fj.egypro.2015.11.652&partnerID=40&md5=847d8d6cc667e4e16079971426a00374>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, C., Piselli, Cristina, G., Pignatta, Gloria, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Piselli, Cristina (56532466200); Pignatta, Gloria (56331396900); Cotana, F. (56231867900)

54896291600; 56109936000; 56532466200; 56331396900; 56231867900

Combined thermal effect of cool roof and cool façade on a prototype building

(2015) Energy Procedia, 78, pp. 1556 - 1561

DOI: 10.1016/j.egypro.2015.11.205

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962542046&doi=10.1016%2Fj.egypro.2015.11.205&partnerID=40&md5=f75c953beb6344e1d9833801fd2518e8>

DOCUMENT TYPE: Conference paper

Y., Han, Yilong, J.E., Taylor, John Eric, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Han, Yilong (57194455715); Taylor, John Eric (55741147200); Pisello, Anna Laura (54896291600)

57194455715; 55741147200; 54896291600

Toward mitigating urban heat island effects: Investigating the thermal-energy impact of bio-inspired retro-reflective building envelopes in dense urban settings

(2015) Energy and Buildings, 102, pp. 380 - 389

DOI: 10.1016/j.enbuild.2015.05.040

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84935016179&doi=10.1016%2Fj.enbuild.2015.05.040&partnerID=40&md5=50b8203db51f13c0e908ded5e3be02cb>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, C., Piselli, Cristina, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Piselli, Cristina (56532466200); Cotana, F. (56231867900)

54896291600; 56532466200; 56231867900

Influence of human behavior on cool roof effect for summer cooling

(2015) Building and Environment, 88, pp. 116 - 128

DOI: 10.1016/j.buildenv.2014.09.025

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939576181&doi=10.1016%2Fj.buildenv.2014.09.025&partnerID=40&md5=df70b7104da4f3ad405db22d9e77b410>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, C., Piselli, Cristina, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Piselli, Cristina (56532466200); Cotana, F. (56231867900)

54896291600; 56532466200; 56231867900

Thermal-physics and energy performance of an innovative green roof system: The Cool-Green Roof (2015) Solar Energy, 116, pp. 337 - 356

DOI: 10.1016/j.solener.2015.03.049

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928674511&doi=10.1016%2Fj.solener.2015.03.049&partnerID=40&md5=1447b915cfa9961671a7288027402da5>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600)

54896291600

High-albedo roof coatings for reducing building cooling needs (2015), pp. 243 - 268

DOI: 10.1016/B978-1-78242-380-5.00009-1

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940050415&doi=10.1016%2FB978-1-78242-380-5.00009-1&partnerID=40&md5=254e32b82d9ac05f055f13c0e0871683>

DOCUMENT TYPE: Book chapter

F., Asdrubali, Francesco, F., Cotana, F., A.L., Pisello, Anna Laura, N., Mencarelli, Nicholas, F., D'Alessandro, Francesco, S., Schiavoni, Samuele

AUTHOR FULL NAMES: Asdrubali, Francesco (57215601725); Cotana, F. (56231867900); Pisello, Anna Laura (54896291600); Mencarelli, Nicholas (56514183700); D'Alessandro, Francesco (57480107600); Schiavoni, Samuele (55354894400)

57215601725; 56231867900; 54896291600; 56514183700; 57480107600; 55354894400

Acoustic properties of stone aggregates used in cool roofs

(2015)

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971216414&partnerID=40&md5=f66fc9e831d47fb89f55ebc20ac83b49>

DOCUMENT TYPE: Conference paper

F., Rosso, Federica, A.L., Pisello, Anna Laura, G., Pignatta, Gloria, V.L., Castaldo, Veronica Lucia, C., Piselli, Cristina, F., Cotana, F., M., Ferrero, Marco

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pisello, Anna Laura (54896291600); Pignatta, Gloria (56331396900); Castaldo, Veronica Lucia (56109936000); Piselli, Cristina (56532466200); Cotana, F. (56231867900); Ferrero, Marco (56830145200)

56830260800; 54896291600; 56331396900; 56109936000; 56532466200; 56231867900; 56830145200

Outdoor thermal and visual perception of natural cool materials for roof and urban paving

(2015) Procedia Engineering, 118, pp. 1325 - 1332

DOI: 10.1016/j.proeng.2015.11.394

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956901688&doi=10.1016%2Fj.proeng.2015.11.394&partnerID=40&md5=2bad0c97d3750391750d34ffad7fec50>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

54896291600; 56231867900

Thermal-energy and Environmental Impact of Cool Clay Tiles for Residential Buildings in Italy

(2015) Procedia Engineering, 118, pp. 530 - 537

DOI: 10.1016/j.proeng.2015.08.472

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948422821&doi=10.1016%2Fj.proeng.2015.08.472&partnerID=40&md5=89d7c8bd3789b5e7ec6b5b910df54649>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

54896291600; 56231867900

Experimental and Numerical Study on Thermal Performance of New Cool Clay Tiles in Residential Buildings in Europe

(2015) Energy Procedia, 75, pp. 1393 - 1398

DOI: 10.1016/j.egypro.2015.07.227

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947055296&doi=10.1016%2Fj.egypro.2015.07.227&partnerID=40&md5=db7b021bf8a595969767cfdbdfd35c94>

DOCUMENT TYPE: Conference paper

F., Cotana, F., G., Cavalaglio, Gianluca, A.L., Pisello, Anna Laura, M., Gelosia, Mattia, D., Ingles, David, E., Pompili, Enrico

AUTHOR FULL NAMES: Cotana, F. (56231867900); Cavalaglio, Gianluca (56030609700); Pisello, Anna Laura (54896291600); Gelosia, Mattia (56030325300); Ingles, David (56539797300); Pompili, Enrico (56539712800)

56231867900; 56030609700; 54896291600; 56030325300; 56539797300; 56539712800

Sustainable ethanol production from common reed (*Phragmites australis*) through simultaneous saccharification and fermentation

(2015) Sustainability (Switzerland), 7 (9), pp. 12149 - 12163

DOI: 10.3390/su70912149

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945232411&doi=10.3390%2Fsu70912149&partnerID=40&md5=d5df9095c8ec40fe53d41666bd197251>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, G., Pignatta, Gloria, V.L., Castaldo, Veronica Lucia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Pignatta, Gloria (56331396900); Castaldo, Veronica Lucia (56109936000); Cotana, F. (56231867900)

54896291600; 56331396900; 56109936000; 56231867900

The impact of local microclimate boundary conditions on building energy performance

(2015) Sustainability (Switzerland), 7 (7), pp. 9207 - 9230

DOI: 10.3390/su7079207

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938723612&doi=10.3390%2Fsu7079207&partnerID=40&md5=32286dfd3c49e60c1049ef2f65038131>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600)

54896291600

Experimental analysis of cool traditional solar shading systems for residential buildings

(2015) Energies, 8 (3), pp. 2197 - 2210

DOI: 10.3390/en8032197

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928646180&doi=10.3390%2Fen8032197&partnerID=40&md5=1db77b1bf57c9b8ac169be1266ad75fc>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, F., Asdrubali, Francesco

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Asdrubali, Francesco (57215601725)

54896291600; 57215601725

Human-based energy retrofits in residential buildings: A cost-effective alternative to traditional physical strategies

(2014) Applied Energy, 133, pp. 224 - 235

DOI: 10.1016/j.apenergy.2014.07.049

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DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, A., Petrozzi, Alessandro, V.L., Castaldo, Veronica Lucia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Petrozzi, Alessandro (56029197100); Castaldo, Veronica Lucia (56109936000); Cotana, F. (56231867900)

54896291600; 56029197100; 56109936000; 56231867900

On an innovative integrated technique for energy refurbishment of historical buildings: Thermal-energy, economic and environmental analysis of a case study

(2014) Applied Energy, 162, pp. 1313 - 1322

DOI: 10.1016/j.apenergy.2015.05.061

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959156260&doi=10.1016%2Fj.apenergy.2015.05.061&partnerID=40&md5=1b0086df1d7077811c359d454681ce0a>

DOCUMENT TYPE: Article

F., Cotana, F., F., Rossi, Federico, M., Filipponi, Mirko, V., Coccia, Valentina, A.L., Pisello, Anna Laura, E., Bonamente, Emanuele, A., Petrozzi, Alessandro, G., Cavalaglio, Gianluca

AUTHOR FULL NAMES: Cotana, F. (56231867900); Rossi, Federico (7401756467); Filipponi, Mirko (6505778184); Coccia, Valentina (55974868700); Pisello, Anna Laura (54896291600); Bonamente, Emanuele (23017714200); Petrozzi, Alessandro (56029197100); Cavalaglio, Gianluca (56030609700)

56231867900; 7401756467; 6505778184; 55974868700; 54896291600; 23017714200; 56029197100; 56030609700

Albedo control as an effective strategy to tackle Global Warming: A case study

(2014) Applied Energy, 130, pp. 641 - 647

DOI: 10.1016/j.apenergy.2014.02.065

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904814045&doi=10.1016%2Fj.apenergy.2014.02.065&partnerID=40&md5=40529f2bb5d4dde725f566cf29323340>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, J.E., Taylor, John Eric, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Taylor, John Eric (55741147200); Cotana, F. (56231867900)

54896291600; 56109936000; 55741147200; 56231867900

Expanding Inter-Building Effect modeling to examine primary energy for lighting

(2014) Energy and Buildings, 76, pp. 513 - 523

DOI: 10.1016/j.enbuild.2014.02.081

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898066510&doi=10.1016%2Fj.enbuild.2014.02.081&partnerID=40&md5=3518b8acf6e0cd5fcae9b414e47634>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600)

54896291600

Optic-energy performance of innovative and traditional materials for roof covering in commercial buildings in central Italy

(2014) Advanced Materials Research, 884-885, pp. 685 - 688

DOI: 10.4028/www.scientific.net/AMR.884-885.685

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893930992&doi=10.4028%2Fwww.scientific.net%2FAMR.884-885.685&partnerID=40&md5=7dae836f54efad5112360ff5fb169be3>

DOCUMENT TYPE: Conference paper

F., Rosso, Federica, A.L., Pisello, Anna Laura, F., Cotana, F., M., Ferrero, Marco

AUTHOR FULL NAMES: Rosso, Federica (56830260800); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Ferrero, Marco (56830145200)

56830260800; 54896291600; 56231867900; 56830145200

Integrated thermal-energy analysis of innovative translucent white marble for building envelope application

(2014) Sustainability (Switzerland), 6 (8), pp. 5439 - 5462

DOI: 10.3390/su6085439

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928626716&doi=10.3390%2Fsu6085439&partnerID=40&md5=ddfadebdb6412ce50c5d0cd036de42a9>

DOCUMENT TYPE: Article

F., Cotana, F., A., Petrozzi, Alessandro, G., Cavalaglio, Gianluca, V., Coccia, Valentina, A.L., Pisello, Anna Laura, E., Bonamente, Emanuele

AUTHOR FULL NAMES: Cotana, F. (56231867900); Petrozzi, Alessandro (56029197100); Cavalaglio, Gianluca (56030609700); Coccia, Valentina (55974868700); Pisello, Anna Laura (54896291600); Bonamente, Emanuele (23017714200)

56231867900; 56029197100; 56030609700; 55974868700; 54896291600; 23017714200

A batch digester plant for biogas production and energy enhancement of organic residues from collective activities

(2014) Energy Procedia, 61, pp. 1669 - 1672

DOI: 10.1016/j.egypro.2014.12.188

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922382043&doi=10.1016%2Fj.egypro.2014.12.188&partnerID=40&md5=774b554687871fe84bb1363e78108fc8>

DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, A., Petrozzi, Alessandro, V.L., Castaldo, Veronica Lucia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Petrozzi, Alessandro (56029197100); Castaldo, Veronica Lucia (56109936000); Cotana, F. (56231867900)

54896291600; 56029197100; 56109936000; 56231867900

Energy refurbishment of historical buildings with public function: Pilot case study

(2014) Energy Procedia, 61, pp. 660 - 663

DOI: 10.1016/j.egypro.2014.11.937

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922347805&doi=10.1016%2Fj.egypro.2014.11.937&partnerID=40&md5=52025e8d7fb655fa65c7e0f33ad2a0f6>

DOCUMENT TYPE: Conference paper

E., Bonamente, Emanuele, M.C., Merico, Maria Cleofe, S., Rinaldi, Sara, G., Pignatta, Gloria, A.L., Pisello, Anna Laura, F., Cotana, F., A., Nicolini, Andrea

AUTHOR FULL NAMES: Bonamente, Emanuele (23017714200); Merico, Maria Cleofe (56030378000); Rinaldi, Sara (56074941700); Pignatta, Gloria (56331396900); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Nicolini, Andrea (57193752460)

23017714200; 56030378000; 56074941700; 56331396900; 54896291600; 56231867900; 57193752460

Environmental impact of industrial prefabricated buildings: Carbon and Energy Footprint analysis based on an LCA approach

(2014) Energy Procedia, 61, pp. 2841 - 2844

DOI: 10.1016/j.egypro.2014.12.319

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922341174&doi=10.1016%2Fj.egypro.2014.12.319&partnerID=40&md5=51b6496bf5a511f0e3c8561bcd643bb0>

DOCUMENT TYPE: Conference paper

P., Boarin, Paola, D., Guglielmino, Daniele, A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Boarin, Paola (57650559800); Guglielmino, Daniele (55458451400); Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

57650559800; 55458451400; 54896291600; 56231867900

Sustainability assessment of historic buildings: Lesson learnt from an Italian case study through LEED® rating system

(2014) Energy Procedia, 61, pp. 1029 - 1032

DOI: 10.1016/j.egypro.2014.11.1017

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922340581&doi=10.1016%2Fj.egypro.2014.11.1017&partnerID=40&md5=8c3a7d2dfa4fe340b7f2466a804b3a1e>

DOCUMENT TYPE: Conference paper

F., Bianchi, F., A.L., Pisello, Anna Laura, G., Baldinelli, G., F., Asdrubali, Francesco

AUTHOR FULL NAMES: Bianchi, F. (57217066171); Pisello, Anna Laura (54896291600); Baldinelli, G. (55377439400); Asdrubali, Francesco (57215601725)

57217066171; 54896291600; 55377439400; 57215601725

Infrared thermography assessment of thermal bridges in building envelope: Experimental validation in a test room setup

(2014) Sustainability (Switzerland), 6 (10), pp. 7107 - 7120

DOI: 10.3390/su6107107

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910067837&doi=10.3390%2Fsu6107107&partnerID=40&md5=a5720f22c1229c13573fece8b8cf3917>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, G., Pignatta, Gloria, V.L., Castaldo, Veronica Lucia, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Pignatta, Gloria (56331396900); Castaldo, Veronica Lucia (56109936000); Cotana, F. (56231867900)

54896291600; 56331396900; 56109936000; 56231867900

Experimental analysis of natural gravel covering as cool roofing and cool pavement

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DOI: 10.3390/su6084706

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DOCUMENT TYPE: Article

F., Cotana, F., A.L., Pisello, Anna Laura, E., Moretti, Elisa, C., Buratti, Cinzia

AUTHOR FULL NAMES: Cotana, F. (56231867900); Pisello, Anna Laura (54896291600); Moretti, Elisa (37261845000); Buratti, Cinzia (56186418900)

56231867900; 54896291600; 37261845000; 56186418900

Multipurpose characterization of glazing systems with silica aerogel: In-field experimental analysis of thermal-energy, lighting and acoustic performance

(2014) Building and Environment, 81, pp. 92 - 102

DOI: 10.1016/j.buildenv.2014.06.014

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A.L., Pisello, Anna Laura, F., Cotana, F., A., Nicolini, Andrea, C., Buratti, Cinzia

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Nicolini, Andrea (57193752460); Buratti, Cinzia (56186418900)

54896291600; 56231867900; 57193752460; 56186418900

Effect of dynamic characteristics of building envelope on thermal-energy performance in winter conditions: In field experiment

(2014) Energy and Buildings, 80, pp. 218 - 230

DOI: 10.1016/j.enbuild.2014.05.017

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903214072&doi=10.1016%2Fj.enbuild.2014.05.017&partnerID=40&md5=ca25edab71812dd68587f196da1c03c9>

DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, V.L., Castaldo, Veronica Lucia, T., Poli, Tiziana, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Castaldo, Veronica Lucia (56109936000); Poli, Tiziana (55318960700); Cotana, F. (56231867900)

54896291600; 56109936000; 55318960700; 56231867900

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DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, F., Rossi, Federico, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Rossi, Federico (7401756467); Cotana, F. (56231867900)

54896291600; 7401756467; 56231867900

Summer and winter effect of innovative cool roof tiles on the dynamic thermal behavior of buildings

(2014) Energies, 7 (4), pp. 2343 - 2361

DOI: 10.3390/en7042343

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DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, F., Cotana, F., L., Brinchi, Lucia

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Brinchi, Lucia (6701420854)

54896291600; 56231867900; 6701420854

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DOCUMENT TYPE: Conference paper

F., Cotana, F., P., Belardi, Paolo, P.G., Manciola, Piergiorgio G., C., Tamagnini, C., A.L., Materazzi, Annibale Luigi, M., Fornaciari, Marco, A., Petrozzi, Alessandro, A.L., Pisello, Anna Laura, G., Cavalaglio, Gianluca, V., Coccia, Valentina

AUTHOR FULL NAMES: Cotana, F. (56231867900); Belardi, Paolo (56030607000); Manciola, Piergiorgio G. (6603163483); Tamagnini, C. (48762039300); Materazzi, Annibale Luigi (6602673673); Fornaciari, Marco (6701470567); Petrozzi, Alessandro (56029197100); Pisello, Anna Laura (54896291600); Cavalaglio, Gianluca (56030609700); Coccia, Valentina (55974868700)

56231867900; 56030607000; 6603163483; 48762039300; 6602673673; 6701470567; 56029197100; 54896291600; 56030609700; 55974868700

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DOI: 10.1016/j.egypro.2014.01.035

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893687546&doi=10.1016%2Fj.egypro.2014.01.035&partnerID=40&md5=c9c103051a7dacaeb1a9a943d26eee90>

DOCUMENT TYPE: Conference paper

F., Cotana, F., A., Petrozzi, Alessandro, A.L., Pisello, Anna Laura, V., Coccia, Valentina, G., Cavalaglio, Gianluca, E., Moretti, Elisa

AUTHOR FULL NAMES: Cotana, F. (56231867900); Petrozzi, Alessandro (56029197100); Pisello, Anna Laura (54896291600); Coccia, Valentina (55974868700); Cavalaglio, Gianluca (56030609700); Moretti, Elisa (37261845000)

56231867900; 56029197100; 54896291600; 55974868700; 56030609700; 37261845000

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DOI: 10.1016/j.egypro.2014.01.036

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DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

54896291600; 56231867900

The thermal effect of an innovative cool roof on residential buildings in Italy: Results from two years of continuous monitoring

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DOI: 10.1016/j.enbuild.2013.10.031

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DOCUMENT TYPE: Article

F., Rossi, Federico, A.L., Pisello, Anna Laura, A., Nicolini, Andrea, M., Filipponi, Mirko, M., Palombo, Massimo

AUTHOR FULL NAMES: Rossi, Federico (7401756467); Pisello, Anna Laura (54896291600); Nicolini, Andrea (57193752460); Filipponi, Mirko (6505778184); Palombo, Massimo (55922895300)

7401756467; 54896291600; 57193752460; 6505778184; 55922895300

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(2014) Applied Energy, 114, pp. 621 - 631

DOI: 10.1016/j.apenergy.2013.10.038

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DOCUMENT TYPE: Article

X., Xu, Xiaoqi, J.E., Taylor, John Eric, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Xu, Xiaoqi (7405294943); Taylor, John Eric (55741147200); Pisello, Anna Laura (54896291600)

7405294943; 55741147200; 54896291600

Network synergy effect: Establishing a synergy between building network and peer network energy conservation effects

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DOI: 10.1016/j.enbuild.2013.09.017

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DOCUMENT TYPE: Article

E., Bonamente, Emanuele, F., Rossi, Federico, V., Coccia, Valentina, A.L., Pisello, Anna Laura, A., Nicolini, Andrea, B., Castellani, Beatrice, F., Cotana, F., M., Filipponi, Mirko, E., Morini, Elena, M.J., Santamouris, Matthaios J.

AUTHOR FULL NAMES: Bonamente, Emanuele (23017714200); Rossi, Federico (7401756467); Coccia, Valentina (55974868700); Pisello, Anna Laura (54896291600); Nicolini, Andrea (57193752460); Castellani, Beatrice (55237475900); Cotana, F. (56231867900); Filipponi, Mirko (6505778184); Morini, Elena (55974135000); Santamouris, Matthaios J. (7006575535)

23017714200; 7401756467; 55974868700; 54896291600; 57193752460; 55237475900; 56231867900; 6505778184; 55974135000; 7006575535

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DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, M.J., Santamouris, Matthaios J., F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Santamouris, Matthaios J. (7006575535); Cotana, F. (56231867900)

54896291600; 7006575535; 56231867900

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DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, J.E., Taylor, John Eric, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Taylor, John Eric (55741147200); Cotana, F. (56231867900)

54896291600; 55741147200; 56231867900

Simulating the effect of urban morphology on indoor thermal behavior: An Italian case study

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DOI: 10.1109/WSC.2013.6721579

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DOCUMENT TYPE: Conference paper

F., Cotana, F., F., Rossi, Federico, A., Nicolini, Andrea, M., Filippini, Mirko, A.L., Pisello, Anna Laura

AUTHOR FULL NAMES: Cotana, F. (56231867900); Rossi, Federico (7401756467); Nicolini, Andrea (57193752460); Filippini, Mirko (6505778184); Pisello, Anna Laura (54896291600)

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DOI: 10.4028/www.scientific.net/AMR.772.720

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DOCUMENT TYPE: Conference paper

A.L., Pisello, Anna Laura, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Cotana, F. (56231867900)

54896291600; 56231867900

Existing Buildings' Energy Upgrade: An Economical and Environmentally Sustainable Opportunity
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DOI: 10.1007/978-3-642-37018-2_13

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DOCUMENT TYPE: Book chapter

A.L., Pisello, Anna Laura, F., Cotana, F., A., Nicolini, Andrea, L., Brinchi, Lucia

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Cotana, F. (56231867900); Nicolini, Andrea (57193752460); Brinchi, Lucia (6701420854)

54896291600; 56231867900; 57193752460; 6701420854

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(2013) Energies, 6 (8), pp. 3637 - 3653

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DOCUMENT TYPE: Article

X., Xu, Xiaoqi, J.E., Taylor, John Eric, A.L., Pisello, Anna Laura, P.J., Culligan, Patricia J.

AUTHOR FULL NAMES: Xu, Xiaoqi (7405294943); Taylor, John Eric (55741147200); Pisello, Anna Laura (54896291600); Culligan, Patricia J. (35587014900)

7405294943; 55741147200; 54896291600; 35587014900

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DOI: 10.1016/j.enbuild.2012.09.013

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DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, J.E., Taylor, John Eric, X., Xu, Xiaoqi, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Taylor, John Eric (55741147200); Xu, Xiaoqi (7405294943); Cotana, F. (56231867900)

54896291600; 55741147200; 7405294943; 56231867900

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DOI: 10.1016/j.buildenv.2012.06.017

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DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, X., Xu, Xiaoqi, J.E., Taylor, John Eric, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Xu, Xiaoqi (7405294943); Taylor, John Eric (55741147200); Cotana, F. (56231867900)

54896291600; 7405294943; 55741147200; 56231867900

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DOI: 10.1108/20466091211227061

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DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, M.F., Bobker, Michael F., F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Bobker, Michael F. (6602527912); Cotana, F. (56231867900)

54896291600; 6602527912; 56231867900

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DOCUMENT TYPE: Article

A.L., Pisello, Anna Laura, M., Goretti, Michele, F., Cotana, F.

AUTHOR FULL NAMES: Pisello, Anna Laura (54896291600); Goretti, Michele (54896105900); Cotana, F. (56231867900)

54896291600; 54896105900; 56231867900

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DOCUMENT TYPE: Article

X., Xu, Xiaoqi, A.L., Pisello, Anna Laura, J.E., Taylor, John Eric

AUTHOR FULL NAMES: Xu, Xiaoqi (7405294943); Pisello, Anna Laura (54896291600); Taylor, John Eric (55741147200)

7405294943; 54896291600; 55741147200

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