

Bibliometric indicators:

60 publications indexed in Scopus, 1,630 citations (from 1,509 citing documents), h-index: 21 (Scopus, **August 2026**; Author ID: 57188688232).

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Patents

- **2013 – Multilayer coating with high absorption of solar energy and low thermal emissivity — Co-inventor**, EP2757176B1.
Selective multilayer coating for solar receivers, designed to combine high solar absorptance with low thermal emissivity.
- **2015 – Volumetric Receiver — Co-inventor**, WO2017060882 / EP3359886B1.
Innovative volumetric receiver for concentrated solar power, aimed at improving radiative absorption and heat-transfer efficiency.
- **2016 – Graphene-based material for the generation of hydrogen and heat in aqueous environment — Co-inventor**, EP3312138B1.
Graphene–magnesium nanocomposite enabling the generation of hydrogen and heat from water, with potential applications in hydrogen production and storage systems.
- **2021 – Protection device for combustible-fluid/hydrogen installations and vehicles — Co-inventor**, EP4183453A1.
Safety device for high-pressure hydrogen systems, designed to mitigate the effects of accidental releases by reducing flame, temperature, jet velocity and pressure.