Ana P F Caetano

List of Publications by Year
in descending order

15 papers	557 citations	759233 12 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	733 citing authors

#	Article	IF	Citations
1	Unravelling the Affinity of Alkali-Activated Fly Ash Cubic Foams towards Heavy Metals Sorption. Materials, 2022, 15, 1453.	2.9	10
2	Cork derived TiO2 biomorphic ecoceramics. Open Ceramics, 2022, 9, 100243.	2.0	1
3	Waste-Based One-Part Alkali Activated Materials. Materials, 2021, 14, 2911.	2.9	21
4	Solar Redox Cycling of Ceria Structures Based on Fiber Boards, Foams, and Biomimetic Cork-Derived Ecoceramics for Two-Step Thermochemical H₂O and CO₂ Splitting. Energy & Fuels, 2020, 34, 9037-9049.	5.1	19
5	High performance cork-templated ceria for solar thermochemical hydrogen production via two-step water-splitting cycles. Sustainable Energy and Fuels, 2020, 4, 3077-3089.	4.9	26
6	Pyrolysed cork-geopolymer composites: A novel and sustainable EMI shielding building material. Construction and Building Materials, 2019, 229, 116930.	7.2	28
7	A Review of Solar Thermochemical CO2 Splitting Using Ceria-Based Ceramics With Designed Morphologies and Microstructures. Frontiers in Chemistry, 2019, 7, 601.	3.6	72
8	Impact of the absolute rutile fraction on TiO2 visible-light absorption and visible-light-promoted photocatalytic activity. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111940.	3.9	26
9	Evaluation of reactive Si and Al amounts in various geopolymer precursors by a simple method. Journal of Building Engineering, 2019, 22, 48-55.	3.4	25
10	Solar thermochemical CO2 splitting using cork-templated ceria ecoceramics. Journal of CO2 Utilization, 2018, 26, 552-563.	6.8	42
11	Extremely fast and efficient methylene blue adsorption using eco-friendly cork and paper waste-based activated carbon adsorbents. Journal of Cleaner Production, 2018, 197, 1137-1147.	9.3	106
12	Effects of a novel anticorrosion engineered nanomaterial on the bivalve Ruditapes philippinarum. Environmental Science: Nano, 2017, 4, 1064-1076.	4.3	21
13	Unravelling the distinct crystallinity and thermal properties of suberin compounds from Quercus suber and Betula pendula outer barks. International Journal of Biological Macromolecules, 2016, 93, 686-694.	7.5	12
14	Control of crystallite and particle size in the synthesis of layered double hydroxides: Macromolecular insights and a complementary modeling tool. Journal of Colloid and Interface Science, 2016, 468, 86-94.	9.4	66
15	Polyelectrolyte-modified layered double hydroxide nanocontainers as vehicles for combined inhibitors. RSC Advances, 2015, 5, 39916-39929.	3.6	82