

Ana P F Caetano

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

557
citations

759233

12
h-index

996975

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15
all docs

15
docs citations

15
times ranked

733
citing authors

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