

Luciano C Almeida

List of Publications by Year in descending order

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826
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#	ARTICLE	IF	CITATIONS
1	Photocatalytic degradation of RB5 textile dye using immobilized TiO ₂ in brass structured systems. <i>Catalysis Today</i> , 2022, 383, 173-182.	4.4	10
2	Evaluation of combined radiation for the treatment of lamivudine and zidovudine via AOP. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2022, 28, 179-190.	0.7	2
3	A brass-mesh structured photoreactor applied in the photocatalytic degradation of RB5 dye. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 174, 108895.	3.6	1
4	TiO ₂ /Karaya Composite for Photoinactivation of Bacteria. <i>Materials</i> , 2022, 15, 4559.	2.9	6
5	Development of a semiconductor tree branch-like photoreactor for textile industry effluent treatment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 64360-64373.	5.3	1
6	A Brief Photocatalytic Study of ZnO Containing Cerium towards Ibuprofen Degradation. <i>Materials</i> , 2021, 14, 5891.	2.9	23
7	Residue-based TiO ₂ /PET photocatalytic films for the degradation of textile dyes: A step in the development of green monolith reactors. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 147, 107792.	3.6	19
8	Potential Reuse of PET Waste Bottles as a Green Substrate/Adsorbent for Reactive Black 5 Dye Removal. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	9
9	Eco-friendly synthesis and photocatalytic application of flowers-like ZnO structures using Arabic and Karaya Gums. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2813-2822.	7.5	34
10	A novel green approach based on ZnO nanoparticles and polysaccharides for photocatalytic performance. <i>Dalton Transactions</i> , 2020, 49, 16394-16403.	3.3	28
11	New composite TiO ₂ /naturals gums for high efficiency in photodiscoloration process. <i>Ceramics International</i> , 2020, 46, 15534-15543.	4.8	19
12	TiO ₂ Immobilized on Fibrous Clay as Strategies to Photocatalytic Activity. <i>Materials Research</i> , 2020, 23, .	1.3	18
13	Structural and magnetic properties of Ni-doped yttrium iron garnet nanopowders. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 492, 165650.	2.3	43
14	REMOVAL OF TRIBUTYL PHOSPHATE FROM AQUEOUS SOLUTIONS BY TiO ₂ HETEROGENEOUS PHOTOCATALYSIS SUPPORTED OVER A NEW METAL PLATE WITH KINETIC STUDY. <i>Brazilian Journal of Chemical Engineering</i> , 2019, 36, 669-680.	1.3	1
15	Influence of sucrose addition and acid treatment of silica-supported Co-Ru catalysts for Fischer-Tropsch synthesis. <i>Fuel</i> , 2018, 231, 157-164.	6.4	8
16	Syntheses and structural understanding of a Tiâ€“Ta alloy-based nanotubular oxide photocatalyst. <i>CrystEngComm</i> , 2018, 20, 5583-5591.	2.6	7
17	Effects of the large distribution of CdS quantum dot sizes on the charge transfer interactions into TiO ₂ nanotubes for photocatalytic hydrogen generation. <i>Nanotechnology</i> , 2016, 27, 285401.	2.6	25
18	Characterization and Application of Nanostructured Films Containing Au and TiO ₂ Nanoparticles Supported in Bacterial Cellulose. <i>Journal of Physical Chemistry C</i> , 2015, 119, 340-349.	3.1	20

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19	Kinetic analysis and microstructured reactors modeling for the Fischer-Tropsch synthesis over a Co/Re/Al ₂ O ₃ catalyst. <i>Catalysis Today</i> , 2013, 215, 103-111.	4.4	54
20	Microchannel reactor for Fischer-Tropsch synthesis: Adaptation of a commercial unit for testing microchannel blocks. <i>Fuel</i> , 2013, 110, 171-177.	6.4	35
21	Fischer-Tropsch synthesis in microchannels. <i>Chemical Engineering Journal</i> , 2011, 167, 536-544.	12.7	91
22	Design and testing of a microchannel reactor for the PROX reaction. <i>Chemical Engineering Journal</i> , 2011, 167, 634-642.	12.7	40
23	MnOx supported on metallic monoliths for the combustion of volatile organic compounds. <i>Chemical Engineering Journal</i> , 2011, 166, 218-223.	12.7	46
24	Highly porous hydrotalcite-like film growth on anodised aluminium monoliths. <i>Studies in Surface Science and Catalysis</i> , 2010, , 639-642.	1.5	9
25	Washcoating of metallic monoliths and microchannel reactors. <i>Studies in Surface Science and Catalysis</i> , 2010, , 25-33.	1.5	60
26	Use of different mesostructured materials based on silica as cobalt supports for the Fischer-Tropsch synthesis. <i>Catalysis Today</i> , 2009, 148, 140-147.	4.4	69
27	Washcoating of Pt-ZSM5 onto aluminium foams. <i>Applied Catalysis B: Environmental</i> , 2008, 78, 166-175.	20.2	51
28	Fischer-tropsch catalyst deposition on metallic structured supports. <i>Studies in Surface Science and Catalysis</i> , 2007, 167, 79-84.	1.5	25