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List of Publications by Year
in descending order

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28 papers	754 citations	471509 17 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	826 citing authors

#	Article	IF	Citations
1	Fischerâ€“Tropsch synthesis in microchannels. Chemical Engineering Journal, 2011, 167, 536-544.	12.7	91
2	Use of different mesostructured materials based on silica as cobalt supports for the Fischerâ€“Tropsch synthesis. Catalysis Today, 2009, 148, 140-147.	4.4	69
3	Washcoating of metallic monoliths and microchannel reactors. Studies in Surface Science and Catalysis, 2010, , 25-33.	1.5	60
4	Kinetic analysis and microstructured reactors modeling for the Fischerâ€“Tropsch synthesis over a Coâ€“Re/Al2O3 catalyst. Catalysis Today, 2013, 215, 103-111.	4.4	54
5	Washcoating of Pt-ZSM5 onto aluminium foams. Applied Catalysis B: Environmental, 2008, 78, 166-175.	20.2	51
6	MnOx supported on metallic monoliths for the combustion of volatile organic compounds. Chemical Engineering Journal, 2011, 166, 218-223.	12.7	46
7	Structural and magnetic properties of Ni-doped yttrium iron garnet nanopowders. Journal of Magnetism and Magnetic Materials, 2019, 492, 165650.	2.3	43
8	Design and testing of a microchannel reactor for the PROX reaction. Chemical Engineering Journal, 2011, 167, 634-642.	12.7	40
9	Microchannel reactor for Fischerâ€“Tropsch synthesis: Adaptation of a commercial unit for testing microchannel blocks. Fuel, 2013, 110, 171-177.	6.4	35
10	Eco-friendly synthesis and photocatalytic application of flowers-like ZnO structures using Arabic and Karaya Gums. International Journal of Biological Macromolecules, 2020, 165, 2813-2822.	7.5	34
11	A novel green approach based on ZnO nanoparticles and polysaccharides for photocatalytic performance. Dalton Transactions, 2020, 49, 16394-16403.	3.3	28
12	Fischer-tropsch catalyst deposition on metallic structured supports. Studies in Surface Science and Catalysis, 2007, 167, 79-84.	1.5	25
13	Effects of the large distribution of CdS quantum dot sizes on the charge transfer interactions into TiO₂nanotubes for photocatalytic hydrogen generation. Nanotechnology, 2016, 27, 285401.	2.6	25
14	A Brief Photocatalytic Study of ZnO Containing Cerium towards Ibuprofen Degradation. Materials, 2021, 14, 5891.	2.9	23
15	Characterization and Application of Nanostructured Films Containing Au and TiO₂ Nanoparticles Supported in Bacterial Cellulose. Journal of Physical Chemistry C, 2015, 119, 340-349.	3.1	20
16	Residue-based TiO2/PET photocatalytic films for the degradation of textile dyes: A step in the development of green monolith reactors. Chemical Engineering and Processing: Process Intensification, 2020, 147, 107792.	3.6	19
17	New composite TiO2/naturals gums for high efficiency in photodiscoloration process. Ceramics International, 2020, 46, 15534-15543.	4.8	19
18	TiO2 Immobilized on Fibrous Clay as Strategies to Photocatalytic Activity. Materials Research, 2020, 23, .	1.3	18

#	Article	IF	Citations
19	Photocatalytic degradation of RB5 textile dye using immobilized TiO2 in brass structured systems. Catalysis Today, 2022, 383, 173-182.	4.4	10
20	Highly porous hydrotalcite-like film growth on anodised aluminium monoliths. Studies in Surface Science and Catalysis, 2010, , 639-642.	1.5	9
21	Potential Reuse of PET Waste Bottles as a Green Substrate/Adsorbent for Reactive Black 5 Dye Removal. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	9
22	Influence of sucrose addition and acid treatment of silica-supported Co-Ru catalysts for Fischer-Tropsch synthesis. Fuel, 2018, 231, 157-164.	6.4	8
23	Syntheses and structural understanding of a Tiâ€“Ta alloy-based nanotubular oxide photocatalyst. CrystEngComm, 2018, 20, 5583-5591.	2.6	7
24	TiO2/Karaya Composite for Photoinactivation of Bacteria. Materials, 2022, 15, 4559.	2.9	6
25	Evaluation of combined radiation for the treatment of lamivudine and zidovudine via AOP. Chemical Industry and Chemical Engineering Quarterly, 2022, 28, 179-190.	0.7	2
26	Development of a semiconductor tree branch-like photoreactor for textile industry effluent treatment. Environmental Science and Pollution Research, 2021, 28, 64360-64373.	5.3	1
27	REMOVAL OF TRIBUTYL PHOSPHATE FROM AQUEOUS SOLUTIONS BY TiO2 HETEROGENEOUS PHOTOCATALYSIS SUPPORTED OVER A NEW METAL PLATE WITH KINETIC STUDY. Brazilian Journal of Chemical Engineering, 2019, 36, 669-680.	1.3	1
28	A brass-mesh structured photoreactor applied in the photocatalytic degradation of RB5 dye. Chemical Engineering and Processing: Process Intensification, 2022, 174, 108895.	3.6	1