

Amit Sobti

List of Publications by Year in descending order

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18
papers

187
citations

1307594

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1058476

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246
citing authors

#	ARTICLE	IF	CITATIONS
1	Titania impregnated mesoporous MCM-48 as a solid photo-catalyst for the synthesis of methyl palmitate: Reaction mechanism and kinetics. <i>Renewable Energy</i> , 2022, 191, 405-417.	8.9	7
2	Comparative study on Graphene Oxide and MCM-48 based catalysts for esterification reaction. <i>Materials Today: Proceedings</i> , 2021, 41, 805-811.	1.8	2
3	Enhanced photocatalytic activity of nickel and nitrogen codoped TiO ₂ under sunlight. <i>Environmental Technology and Innovation</i> , 2020, 18, 100658.	6.1	21
4	Sequential microbial-photocatalytic degradation of imidacloprid. <i>Environmental Engineering Research</i> , 2020, 25, 597-604.	2.5	7
5	TiO ₂ -Assisted Photocatalytic Degradation of Herbicide 4-Chlorophenoxyacetic Acid: Slurry and Fixed-Bed Approach. <i>Lecture Notes in Civil Engineering</i> , 2019, , 133-143.	0.4	0
6	Photocatalytic Activity of Bi-doped TiO ₂ for Phenol Degradation Under UV and Sunlight Conditions. <i>Lecture Notes in Civil Engineering</i> , 2019, , 201-212.	0.4	5
7	Enhanced Catalytic Activity of Nano-Fe ₂ O ₃ @MCM-48@SO ₄ as a Green Catalyst for the Esterification of Acetic Acid with Methanol. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 2831-2842.	1.5	6
8	Motion of spheres and cylinders in viscoelastic fluids: Asymptotic behavior. <i>Powder Technology</i> , 2019, 345, 82-90.	4.2	11
9	Catalytic performance of sulfate-grafted graphene oxide for esterification of acetic acid with methanol. <i>Chemical Engineering Communications</i> , 2019, 206, 592-604.	2.6	12
10	Studies on glycerol conversion to tricaproin over sulfate promoted iron oxide as catalyst using response surface methodology. <i>Chemical Engineering Research and Design</i> , 2018, 132, 276-284.	5.6	2
11	Oscillatory and steady shear rheological properties of aqueous polyacrylamide solutions. <i>Chemical Data Collections</i> , 2018, 17-18, 356-369.	2.3	5
12	Fixed bed recirculation type photocatalytic reactor with TiO ₂ immobilized clay beads for the degradation of pesticide polluted water. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 7035-7043.	6.7	54
13	Sulfated metal oxides: eco-friendly green catalysts for esterification of nonanoic acid with methanol. <i>Green Processing and Synthesis</i> , 2016, 5, 93-100.	3.4	19
14	Creeping Flow of Viscoelastic Fluid Through a Packed Bed: Effect of Particle Shape and Porosity. <i>Particulate Science and Technology</i> , 2015, 33, 463-471.	2.1	7
15	Creeping Flow of Viscoelastic Fluid through a Packed Bed. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 14508-14518.	3.7	11
16	Thermal Conductivity of Nanofluids. <i>Materials Science Forum</i> , 2013, 757, 111-137.	0.3	11
17	Pressure Drop Studies on Flow of Viscoelastic Fluid Through a Packed Bed. <i>Particulate Science and Technology</i> , 2013, 31, 547-554.	2.1	5
18	Experimental Studies on Pressure Drop of TiO ₂ -Water Nanofluids Flowing Through Circular Tubes. <i>Journal of Nanofluids</i> , 2013, 2, 201-207.	2.7	2