Amit Sobti

List of Publications by Year
in descending order

18 papers	187 citations	1307594 7 h-index	1058476 14 g-index
18 all docs	18 docs citations	18 times ranked	246 citing authors

#	Article	IF	Citations
1	Fixed bed recirculation type photocatalytic reactor with TiO2 immobilized clay beads for the degradation of pesticide polluted water. Journal of Environmental Chemical Engineering, 2018, 6, 7035-7043.	6.7	54
2	Enhanced photocatalytic activity of nickel and nitrogen codoped TiO2 under sunlight. Environmental Technology and Innovation, 2020, 18, 100658.	6.1	21
3	Sulfated metal oxides: eco-friendly green catalysts for esterification of nonanoic acid with methanol. Green Processing and Synthesis, 2016, 5, 93-100.	3.4	19
4	Catalytic performance of sulfate-grafted graphene oxide for esterification of acetic acid with methanol. Chemical Engineering Communications, 2019, 206, 592-604.	2.6	12
5	Thermal Conductivity of Nanofluids. Materials Science Forum, 2013, 757, 111-137.	0.3	11
6	Creeping Flow of Viscoelastic Fluid through a Packed Bed. Industrial & Engineering Chemistry Research, 2014, 53, 14508-14518.	3.7	11
7	Motion of spheres and cylinders in viscoelastic fluids: Asymptotic behavior. Powder Technology, 2019, 345, 82-90.	4.2	11
8	Creeping Flow of Viscoelastic Fluid Through a Packed Bed: Effect of Particle Shape and Porosity. Particulate Science and Technology, 2015, 33, 463-471.	2.1	7
9	Sequential microbial-photocatalytic degradation of imidacloprid. Environmental Engineering Research, 2020, 25, 597-604.	2.5	7
10	Titania impregnated mesoporous MCM-48 as a solid photo-catalyst for the synthesis of methyl palmitate: Reaction mechanism and kinetics. Renewable Energy, 2022, 191, 405-417.	8.9	7
11	Enhanced Catalytic Activity of Nano-Fe2O3â€“MCM-48â€“SO4 as a Green Catalyst for the Esterification of Acetic Acid with Methanol. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 2831-2842.	1.5	6
12	Pressure Drop Studies on Flow of Viscoelastic Fluid Through a Packed Bed. Particulate Science and Technology, 2013, 31, 547-554.	2.1	5
13	Oscillatory and steady shear rheological properties of aqueous polyacrylamide solutions. Chemical Data Collections, 2018, 17-18, 356-369.	2.3	5
14	Photocatalytic Activity of Bi-doped TiO2 for Phenol Degradation Under UV and Sunlight Conditions. Lecture Notes in Civil Engineering, 2019, , 201-212.	0.4	5
15	Studies on glycerol conversion to tricaproin over sulfate promoted iron oxide as catalyst using response surface methodology. Chemical Engineering Research and Design, 2018, 132, 276-284.	5.6	2
16	Comparative study on Graphene Oxide and MCM-48 based catalysts for esterification reaction. Materials Today: Proceedings, 2021, 41, 805-811.	1.8	2
17	Experimental Studies on Pressure Drop of TiO₂-Water Nanofluids Flowing Through Circular Tubes. Journal of Nanofluids, 2013, 2, 201-207.	2.7	2
18	TiO2-Assisted Photocatalytic Degradation of Herbicide 4-Chlorophenoxyacetic Acid: Slurry and Fixed-Bed Approach. Lecture Notes in Civil Engineering, 2019, , 133-143.	0.4	0