

Santanu Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

314
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic degradation of pharmaceutical wastes by alginate supported TiO ₂ nanoparticles in packed bed photo reactor (PBPR). <i>Ecotoxicology and Environmental Safety</i> , 2015, 121, 263-270.	6.0	104
2	Involvement of process parameters and various modes of application of TiO ₂ nanoparticles in heterogeneous photocatalysis of pharmaceutical wastes – a short review. <i>RSC Advances</i> , 2014, 4, 57250-57266.	3.6	63
3	Remediation of Antiseptic Components in Wastewater by Photocatalysis Using TiO ₂ Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 3012-3020.	3.7	58
4	Nanocomposite polymeric membrane a new trend of water and wastewater treatment: A short review. <i>Groundwater for Sustainable Development</i> , 2021, 12, 100533.	4.6	28
5	Development of a mathematical model to predict different parameters during pharmaceutical wastewater treatment using TiO ₂ coated membrane. <i>Ecotoxicology and Environmental Safety</i> , 2015, 121, 193-198.	6.0	24
6	Application of ANFIS model to optimise the photocatalytic degradation of chlorhexidine digluconate. <i>RSC Advances</i> , 2014, 4, 21141.	3.6	15
7	Effective utilization of iron ore slime, a mining waste as adsorbent for removal of Pb(II) and Hg(II). <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 38-44.	6.7	7
8	Simulation of the Effect of Various Operating Parameters for the Effective Separation of Carbon Dioxide into an Aqueous Caustic Soda Solution in a Packed Bed Using Lattice Boltzmann Simulation. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 1731-1742.	3.7	5
9	Mathematical modelling of ideal and non-ideal continuous stirred tank bioreactor using simulated solution. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 484-491.	3.2	3
10	Removal of micro-pollutant using an indigenous photo membrane reactor. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103673.	6.7	3
11	Geotechnical cleaning of groundwater using reject of iron ore slime (RIOS). <i>Groundwater for Sustainable Development</i> , 2021, 12, 100537.	4.6	3
12	Modelling aspects of carbon dioxide capture technologies using porous contactors: a review. <i>Environmental Technology Reviews</i> , 2014, 3, 15-29.	4.3	1