

Santanu Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

314
citations

1307594

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h-index

1199594

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12
all docs

12
docs citations

12
times ranked

496
citing authors

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