Prabir Ghosh

List of Publications by Year
in descending order

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38	441	840119 11	752256 20
papers	citations	h-index	g-index

39	39	39	638
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biodegradation of acid red 3BN dye in sequential batch reactor: parameters and kinetics studies. International Journal of Chemical Reactor Engineering, 2022, 20, 599-608.	0.6	1
2	Kinetics of catalytic treatment of coking wastewater (COD, phenol and cyanide) using wet air oxidation. International Journal of Chemical Reactor Engineering, 2022, 20, 325-341.	0.6	2
3	Activated sludge bio-aerobic process to treat sugar industry effluent. International Journal of Chemical Reactor Engineering, 2022, .	0.6	0
4	Catalytic thermolysis at atmospheric pressure followed by adsorption in treatment of coking wastewater. International Journal of Chemical Reactor Engineering, 2022, 20, 627-639.	0.6	2
5	Hybrid Fenton Oxidation Processes with Packed Bed or Fluidized Bed Reactor for the Treatment of Organic Pollutants in Wastewater: A Review. Environmental Engineering Science, 2021, 38, 443-457.	0.8	8
6	Desirability Analysis of Multiple Responses for Electrocoagulation Remediation of Paper Mill Wastewater by Using a Central Composite Design. Journal of the Institution of Engineers (India): Series E, 2021, 102, 115-125.	0.5	2
7	Degradation of trypan blue dye using neutralized red mud in circulating fluidized bed reactor and its kinetics study. International Journal of Chemical Reactor Engineering, 2021, 19, 873-879.	0.6	1
8	Hydrodynamics, mass and heat transfer study for emerging heterogeneous Fenton process in multiphase fluidized-bed reactor system for wastewater treatment â€" A review. Chemical Engineering Research and Design, 2021, 171, 48-62.	2.7	14
9	Green synthesized Ag-TiO₂ for degradation of organic dye through visible light driven photo-reactor and its kinetics. International Journal of Chemical Reactor Engineering, 2021, 19, 893-900.	0.6	8
10	The remediation of textile wastewater using solid Bauxite Residue waste as a potential Fenton catalyst in the fluidized bed Fenton process. International Journal of Chemical Reactor Engineering, 2021, 19, 881-891.	0.6	1
11	Fenton and Fenton-like processes for improving the dewaterability of refractory organic compounds. , 2021, , 555-580.		1
12	Degradation of Phenol Using Batch-Fluidization Process by Transition Metal Impregnated Red Mud as Modified Catalyst in Heterogeneous Fenton Process. Lecture Notes in Civil Engineering, 2021, , 129-134.	0.3	1
13	Decolorization of diazo dye trypan blue by electrochemical oxidation: Kinetics with a model based on the Fermiâ€™s equation. Journal of Environmental Chemical Engineering, 2020, 8, 102792.	3.3	10
14	Decolorization of textile dye Rifafix Red 3BN by natural hematite and a comparative study on different types of Fenton process. Chemical Engineering Communications, 2020, 207, 1380-1389.	1.5	6
15	Degradation of mixed dye via heterogeneous Fenton process: Studies of calcination, toxicity evaluation, and kinetics. Water Environment Research, 2020, 92, 211-221.	1.3	8
16	Dataset on the electrical energy consumption and its conservation in the cement manufacturing industry. Data in Brief, 2020, 28, 104967.	0.5	6
17	Optimization of kraft lignin decolorization and degradation by bacterial strain Bacillus velezensis using response surface methodology. Journal of Environmental Chemical Engineering, 2020, 8, 104270.	3.3	15
18	Electrochemical Oxidation of Direct Blue 14 in Aqueous Phase: Experimental and Kinetic Studies. Surface Engineering and Applied Electrochemistry, 2020, 56, 282-288.	0.3	1

#	Article	IF	Citations
19	Application of biological and advanced oxidation processes (AOPs) for the remediation of wastewater laden with toxic pollutants. , 2020, , 101-138.		0
20	Poly(Vinyl Alcohol)-Bonded Carbon Electrodes for Desalination of Brackish Water Using Capacitive Deionization. Journal of the Institution of Engineers (India): Series E, 2020, 101, 125-131.	0.5	4
21	Fixed Bed Reactor for Removal of Methylene Blue Dye Using Heterogeneous Fenton Catalyst. Journal of Hazardous, Toxic, and Radioactive Waste, 2020, 24, .	1.2	7
22	A Review Paper on Heterogeneous Fenton Catalyst: Types of Preparation, Modification Techniques, Factors Affecting the Synthesis, Characterization, and Application in the Wastewater Treatment. Bulletin of Chemical Reaction Engineering and Catalysis, 2020, 15, 1-34.	0.5	18
23	Modeling and optimization data analysis on photocatalytic decolourization of amido black 10B using ZnO catalyst. Data in Brief, 2019, 25, 104106.	0.5	5
24	Removal of Organic Compounds Found in the Wastewater through Electrochemical Advanced Oxidation Processes: A Review. Russian Journal of Electrochemistry, 2019, 55, 591-620.	0.3	31
25	Taguchi optimization of COD removal by heterogeneous Fenton process using copper ferro spinel catalyst in a fixed bed reactorâ€"RTD, kinetic and thermodynamic study. Journal of Environmental Chemical Engineering, 2019, 7, 102859.	3.3	12
26	Performance Evaluation of Modified Black Clay as a Heterogeneous Fenton Catalyst on Decolorization of Azure B Dye: Kinetic Study and Cost Evaluation. Transactions of Tianjin University, 2019, 25, 527-539.	3.3	9
27	Synthesis of proton exchange membranes for dual-chambered microbial fuel cells. Journal of the Serbian Chemical Society, 2018, 83, 611-623.	0.4	8
28	Heterogeneous Fenton degradation of oxalic acid by using silica supported iron catalysts prepared from raw rice husk. Journal of Water Process Engineering, 2017, 19, 156-163.	2.6	31
29	Decoloration of Orange G by Mineral Hematite Catalyzed Fenton-Like Process. Environmental Engineering Science, 2016, 33, e1004-e1014.	0.8	3
30	Decontamination of tannery industry wastewater containing high organic load along with Cr³⁺: a comparative study. Asia-Pacific Journal of Chemical Engineering, 2013, 8, 645-656.	0.8	5
31	Electro-Fenton treatment of synthetic organic dyes: Influence of operational parameters and kinetic study. Korean Journal of Chemical Engineering, 2012, 29, 1203-1210.	1.2	24
32	Comparison of a new immobilized Fe³⁺ catalyst with homogeneous Fe³⁺â€"H₂O₂ system for degradation of 2,4â€dinitrophenol. Journal of Chemical Technology and Biotechnology, 2012, 87, 914-923.	1.6	20
33	Reduction of COD and removal of Zn2+ from rayon industry wastewater by combined electro-Fenton treatment and chemical precipitation. Desalination, 2011, 266, 213-217.	4.0	131
34	COD reduction of petrochemical industry wastewater using Fenton's oxidation. Canadian Journal of Chemical Engineering, 2010, 88, 1021-1026.	0.9	21
35	Oxidation kinetics of degradation of 1,4-dioxane in aqueous solution by H₂O₂/Fe(II) system. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 395-399.	0.9	14
36	Photodegradation of aqueous eosin yellow dye by carbon-doped TiO2 photocatalyst. IOP Conference Series: Earth and Environmental Science, 0, 597, 012010.	0.2	4

#	Article	IF	Citations
37	Electrocoagulation process to remove contaminants of coking wastewater using aluminum electrode. , 0, 86, 68-79.		4
38	Degradation of 4-nitrophenol (4-NP) using Fe-loaded fly ash brick clay as a heterogeneous Fenton catalyst. , 0, 95, 170-179.		3