

Vishal Kumar Sandhwar

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

132
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of electrocoagulation, peroxi-electrocoagulation and peroxi-coagulation processes for treatment of simulated purified terephthalic acid wastewater: Optimization, sludge and kinetic analysis. Korean Journal of Chemical Engineering, 2018, 35, 909-921.	2.7	25
2	Terephthalic acid removal from aqueous solution by electrocoagulation and electro-Fenton methods: Process optimization through response surface methodology. Chemical Engineering Research and Design, 2017, 107, 269-280.	5.6	22
3	Comparative study of electrochemical oxidation and electrochemical Fenton processes for simultaneous degradation of phthalic and para-toluic acids from aqueous medium. Journal of Molecular Liquids, 2017, 243, 519-532.	4.9	18
4	Comparative study of electrocoagulation and electrochemical Fenton treatment of aqueous solution of benzoic acid (BA): Optimization of process and sludge analysis. Korean Journal of Chemical Engineering, 2017, 34, 1062-1072.	2.7	16
5	A comparative study of electrochemical degradation of benzoic acid and terephthalic acid from aqueous solution of purified terephthalic acid (PTA) wastewater. Journal of Water Process Engineering, 2019, 30, 100381.	5.6	16
6	Comparison of phthalic acid removal from aqueous solution by electrochemical methods: Optimization, kinetic and sludge study. Journal of Environmental Management, 2017, 203, 476-488.	7.8	10
7	Mechanistic insight into heterogeneous Fenton-like catalysis with M-Al ₂ O ₃ /SiO ₂ (M = Fe, Co and Ni) for acrylonitrile mineralization from real ABS resin wastewater: Optimization and toxicity assessment. Journal of Environmental Chemical Engineering, 2021, 9, 105177.	6.7	10
8	Comparison of COD removal from petrochemical wastewater by electro-Fenton and electro oxidation processes: optimization and kinetic analyses. Separation Science and Technology, 2021, 56, 2300-2309.	2.5	8
9	A Comparative Study of Electrochemical Treatment of Para-Toluic Acid (p-TA) from Aqueous Solution: Process Optimization and Sludge Analysis. Water Conservation Science and Engineering, 2017, 1, 257-270.	1.7	7