

Vijyendra Kumar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hybrid Fenton Oxidation Processes with Packed Bed or Fluidized Bed Reactor for the Treatment of Organic Pollutants in Wastewater: A Review. <i>Environmental Engineering Science</i> , 2021, 38, 443-457.	1.6	8
2	Process intensification in wastewater treatments: advanced oxidation processes for organic pollutants. , 2021, , 351-361.		0
3	Decolorization of textile dye Rifafix Red 3BN by natural hematite and a comparative study on different types of Fenton process. <i>Chemical Engineering Communications</i> , 2020, 207, 1380-1389.	2.6	6
4	Degradation of mixed dye via heterogeneous Fenton process: Studies of calcination, toxicity evaluation, and kinetics. <i>Water Environment Research</i> , 2020, 92, 211-221.	2.7	8
5	Application of biological and advanced oxidation processes (AOPs) for the remediation of wastewater laden with toxic pollutants. , 2020, , 101-138.		0
6	A Review Paper on Heterogeneous Fenton Catalyst: Types of Preparation, Modification Techniques, Factors Affecting the Synthesis, Characterization, and Application in the Wastewater Treatment. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2020, 15, 1-34.	1.1	18
7	Taguchi optimization of COD removal by heterogeneous Fenton process using copper ferro spinel catalyst in a fixed bed reactorâ€™RTD, kinetic and thermodynamic study. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102859.	6.7	12
8	Performance Evaluation of Modified Black Clay as a Heterogeneous Fenton Catalyst on Decolorization of Azure B Dye: Kinetic Study and Cost Evaluation. <i>Transactions of Tianjin University</i> , 2019, 25, 527-539.	6.4	9
9	Degradation of 4-nitrophenol (4-NP) using Fe-loaded fly ash brick clay as a heterogeneous Fenton catalyst. , 0, 95, 170-179.		3