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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Treatment of biologically treated distillery spent wash employing electrocoagulation and reverse-osmosis treatment train. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 4257-4268.	2.2	3
2	Binary electrochemical mineralization of heterocyclic nitrogenous compounds: parametric optimization using Taguchi method and mineralization mechanism. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7332-7346.	5.3	3
3	Mineralization of perfluorooctanoic acid by combined aerated electrocoagulation and Modified peroxy-coagulation methods. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 118, 169-178.	5.3	16
4	Sorption/desorption of aqueous mercury ions [Hg ²⁺] onto/from sulfur-impregnated attapulgite: Process optimization, co-existing anions and regeneration studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 119, 204-212.	5.3	5
5	Effect of current density and pH on the electrochemically generated active chloro species for the rapid mineralization of p-substituted phenol. <i>Chemosphere</i> , 2021, 275, 129848.	8.2	11
6	Treatment of real wastewater by photoelectrochemical methods: An overview. <i>Chemosphere</i> , 2021, 276, 130188.	8.2	84
7	Manganese Trioxide with Various Morphologies: Applications in Catalytic Dye Degradation. <i>ChemistrySelect</i> , 2020, 5, 4674-4684.	1.5	5
8	Electrochemical oxidation of acid orange 7 dye with Ce, Nd, and Co-modified PbO ₂ electrodes: Preparation, characterization, optimization, and mineralization. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 84, 110-122.	5.3	39
9	Single-phase cerium oxide nanospheres: An efficient photocatalyst for the abatement of rhodamine B dye. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6532-6544.	5.3	27
10	Electro-chemical mineralization of recalcitrant indole by platinum-coated titanium electrode: multi-response optimization, mechanistic and sludge disposal study. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 349-360.	3.5	8
11	Preparation and reuse of iron and aluminum oxides activated sewage sludge based coagulants for the post-treatment of up-flow anaerobic sludge blanket reactor effluent. <i>Journal of Cleaner Production</i> , 2017, 149, 1020-1032.	9.3	11
12	Mineralization of pyrrole, a recalcitrant heterocyclic compound, by electrochemical method: Multi-response optimization and degradation mechanism. <i>Journal of Environmental Management</i> , 2017, 198, 144-152.	7.8	26
13	Morphology-controlled green approach for synthesizing the hierarchical self-assembled 3D porous ZnO superstructure with excellent catalytic activity. <i>Microporous and Mesoporous Materials</i> , 2017, 239, 296-309.	4.4	47
14	Catalytic performance of hierarchical metal oxides for per-oxidative degradation of pyridine in aqueous solution. <i>Chemical Engineering Journal</i> , 2017, 309, 753-765.	12.7	39
15	Electrochemical treatment of Ayurveda pharmaceuticals wastewater: Optimization and characterization of sludge residue. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 67, 385-396.	5.3	34
16	Synthesis and application of green mixed-metal oxide nano-composite materials from solid waste for dye degradation. <i>Journal of Environmental Management</i> , 2016, 181, 146-156.	7.8	17
17	Comparative study of electrochemical oxidation for dye degradation: Parametric optimization and mechanism identification. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2911-2921.	6.7	80
18	Post treatment of UASB effluent by using inorganic coagulants: Role of zeta potential and characterization of solid residue. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 1495-1503.	6.7	9

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19	Catalytic Degradation of Pyrrole in Aqueous Solution by Cu/SBA-15. International Journal of Chemical Reactor Engineering, 2015, 13, 437-445.	1.1	15
20	Treatment of fertilizer industry wastewater by catalytic peroxidation process using copper-loaded SBA-15. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 1468-1478.	1.7	10
21	Electro-oxidation of nitrophenol by ruthenium oxide coated titanium electrode: Parametric, kinetic and mechanistic study. Chemical Engineering Journal, 2015, 263, 135-143.	12.7	110
22	Electrochemical treatment of alkali decrement wastewater containing terephthalic acid using iron electrodes. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 908-913.	5.3	33
23	Electrochemical Treatment of Dye Bearing Effluent with Different Anode-Cathode Combinations: Mechanistic Study and Sludge Analysis. Industrial & Engineering Chemistry Research, 2014, 53, 10743-10752.	3.7	31
24	Synthesis of different crystallographic Al ₂ O ₃ nanomaterials from solid waste for application in dye degradation. RSC Advances, 2014, 4, 50801-50810.	3.6	37
25	Mechanistic study of electrochemical treatment of basic green 4 dye with aluminum electrodes through zeta potential, TOC, COD and color measurements, and characterization of residues. RSC Advances, 2013, 3, 16426.	3.6	35
26	Mechanism of Dye Degradation during Electrochemical Treatment. Journal of Physical Chemistry C, 2013, 117, 15229-15240.	3.1	90
27	Parametric and multiple response optimization for the electrochemical treatment of textile printing dye-bath effluent. Separation and Purification Technology, 2013, 109, 135-143.	7.9	54
28	Multistep Optimization and Residue Disposal Study for Electrochemical Treatment of Textile Wastewater Using Aluminum Electrode. International Journal of Chemical Reactor Engineering, 2013, 11, 31-46.	1.1	15