

CITATION REPORT

List of articles citing

Photocatalytic removal of cefazolin from aqueous solution by AC prepared from mango seed+ZnO under UV irradiation

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#	Paper	IF	Citations
30	The removal of cephalexin antibiotic in aqueous solutions by ultrasonic waves/hydrogen peroxide/nickel oxide nanoparticles (US/H ₂ O ₂ /NiO) hybrid process. <i>Separation Science and Technology</i> , 2020 , 55, 1558-1568	2.5	28
29	Valorisation of Fruits, their Juices and Residues into Valuable (Nano)materials for Applications in Chemical Catalysis and Environment. <i>Chemical Record</i> , 2020 , 20, 1338-1393	6.6	11
28	Performance of photocatalytic ozonation process for pentachlorophenol (PCP) removal in aqueous solution using graphene-TiO nanocomposite (UV/G-TiO/O). <i>Journal of Environmental Health Science & Engineering</i> , 2020 , 18, 1083-1097	2.9	4
27	The efficacy of sono-electro-Fenton process for removal of Cefixime antibiotic from aqueous solutions by response surface methodology (RSM) and evaluation of toxicity of effluent by microorganisms. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 6122-6139	5.9	35
26	Magnetic Multi-walled Carbon Nanotube as Effective Adsorbent for Ciprofloxacin (CIP) Removal from Aqueous Solutions: Isotherm and Kinetics Studies. <i>International Journal of Chemical Reactor Engineering</i> , 2020 , 18,	1.2	4
25	Degradation of basic violet 16 dye by electro-activated persulfate process from aqueous solutions and toxicity assessment using microorganisms: determination of by-products, reaction kinetic and optimization using BoxBehnken design. <i>International Journal of Chemical Reactor Engineering</i> , 2021 , 19, 261-275	1.2	7
24	Statistical modeling of phenolic compounds adsorption onto low-cost adsorbent prepared from aloe vera leaves wastes using CCD-RSM optimization: effect of parameters, isotherm, and kinetic studies. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	11
23	Improved degradation of metronidazole in a heterogeneous photo-Fenton oxidation system with PAC/Fe ₃ O ₄ magnetic catalyst: biodegradability, catalyst specifications, process optimization, and degradation pathway. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	4
22	Evaluation of the efficiency of magnetized clinoptilolite zeolite with Fe ₃ O ₄ nanoparticles on the removal of basic violet 16 (BV16) dye from aqueous solutions. <i>Journal of Dispersion Science and Technology</i> , 1-10	1.5	4
21	Immobilized ZnO/TiO ₂ activated carbon (I ZnO/TiO ₂ AC) to removal of arsenic from aqueous environments: optimization using response surface methodology and kinetic studies. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	3
20	Application of BoxBehnken design for optimizing parameters of hexavalent chromium removal from aqueous solutions using Fe ₃ O ₄ loaded on activated carbon prepared from alga: Kinetics and equilibrium study. <i>Journal of Water Process Engineering</i> , 2021 , 42, 102113	6.7	32
19	Enhancing the efficiency of electrochemical, Fenton, and electro-Fenton processes using SS316 and SS316/PbO ₂ anodes to remove oxytetracycline antibiotic from aquatic environments. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	4
18	Highly effective degradation of 2,4-Dichlorophenoxyacetic acid herbicide in a three-dimensional sono-electro-Fenton (3D/SEF) system using powder activated carbon (PAC)/Fe ₃ O ₄ as magnetic particle electrode. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105889	6.8	14
17	Application of Mineral Iron-Based Natural Catalysts in Electro-Fenton Process: A Comparative Study. <i>Catalysts</i> , 2021 , 11, 57	4	14
16	The electrochemical degradation of the metronidazole (MNZ) antibiotic using electrochemical oxidation on a stainless steel316 coated with beta lead oxide (SS316/PbO ₂) anode. <i>International Journal of Chemical Reactor Engineering</i> , 2020 , 18,	1.2	1
15	Treatment of pharmaceutical wastewater containing cefazolin by electrocoagulation (EC): Optimization of various parameters using response surface methodology (RSM), kinetics and isotherms study. <i>Chemical Engineering Research and Design</i> , 2021 , 176, 254-266	5.5	6
14	Application of response surface methodology for optimization of electrochemical process in metronidazole (MNZ) removal from aqueous solutions using stainless steel 316 (SS316) and lead (Pb) anodes. <i>International Journal of Chemical Reactor Engineering</i> , 2020 , 18,	1.2	0

13	Research on methylene blue degradation based on multineedle-to-plane liquid dielectric barrier discharge mode. <i>Separation and Purification Technology</i> , 2022 , 286, 120476	8.3	0
12	Enhanced electrocatalytic degradation of 2,4-Dinitrophenol (2,4-DNP) in three-dimensional sono-electrochemical (3D/SEC) process equipped with Fe/SBA-15 nanocomposite particle electrodes: Degradation pathway and application for real wastewater. <i>Arabian Journal of Chemistry</i> , 2022 , 15, 103801	5.9	4
11	Bimetallic modified halloysite particle electrode enhanced electrocatalytic oxidation for the degradation of sulfanilamide.. <i>Journal of Environmental Management</i> , 2022 , 312, 114975	7.9	0
10	Adsorption of cefazolin on organoclay: experimental design, characterization, and a complete batch study.. <i>Environmental Science and Pollution Research</i> , 2022 ,	5.1	0
9	Degradation of amoxicillin applying photo-Fenton and acid hydrolysis processes with toxicity evaluation via antimicrobial susceptibility tests. <i>Environmental Technology (United Kingdom)</i> , 1-12	2.6	1
8	Efficient simultaneous removal of tetracycline and cefazolin from aqueous solution using a novel adsorbent based on zero-valent iron nanoparticles supported by montmorillonite and graphene oxide: isotherms, kinetic, and thermodynamic studies. <i>International Journal of Environmental Analytical Chemistry</i> , 1-23	1.8	0
7	Improved degradation of tetracycline antibiotic in electrochemical advanced oxidation processes (EAOPs): bioassay using bacteria and identification of intermediate compounds. 2022 ,		
6	Statistical modeling optimization for antibiotics decomposition by ultrasound/electro-Fenton integrated process: Non-carcinogenic risk assessment of drinking water. 2022 , 324, 116333		0
5	Removal of the Amoxicillin antibiotic from aqueous matrices by means of an adsorption process using Kaolinite clay. 2022 , 18, e01390		0
4	Synchronous COD removal and nitrogen recovery from high concentrated pharmaceutical wastewater by an integrated chemo-biocatalytic reactor systems. 2023 , 329, 117048		0
3	Distribution and photodegradation of typical nonsteroidal anti-inflammatory drugs in an ice-water system: Simulation of surface waters with an ice cover. 2023 , 402, 136823		0
2	Efficient electrochemical oxidation of cephalosporin antibiotics by a highly active cerium doped PbO ₂ anode: Parameters optimization, kinetics and degradation pathways. 2023 , 666, 131318		0
1	Loading of zinc oxide nanoparticles from green synthesis on the low cost and eco-friendly activated carbon and its application for diazinon removal: isotherm, kinetics and retrieval study. 2023 , 13,		0