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Degradation of antibiotics by modified vacuum-UV based processes: Mechanistic consequences of HO and KSO in the presence of halide ions

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Science of the Total Environment, 2019, 664, 312-321.

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#	Paper	IF	Citations
80	Degradation of norfloxacin in aqueous solution with UV/peroxydisulfate. <i>Water Science and Technology</i> , 2019 , 79, 2387-2394	2.2	3
79	Current progress in treatment techniques of triclosan from wastewater: A review. <i>Science of the Total Environment</i> , 2019 , 696, 133990	10.2	19
78	Insights on the current status of occurrence and removal of antibiotics in wastewater by advanced oxidation processes. <i>Journal of Environmental Management</i> , 2019 , 246, 51-62	7.9	106
77	Bismuth impregnated biochar for efficient estrone degradation: The synergistic effect between biochar and Bi/BiO for a high photocatalytic performance. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121258	12.8	38
76	Biochar-supported nanoscale zero-valent iron as an efficient catalyst for organic degradation in groundwater. <i>Journal of Hazardous Materials</i> , 2020 , 383, 121240	12.8	149
75	Mechanistic research on NO removal by K ₂ S ₂ O ₈ with electrochemical catalysis. <i>Chemical Engineering Journal</i> , 2020 , 382, 122873	14.7	11
74	Synergistic oxidation of Bisphenol A in a heterogeneous ultrasound-enhanced sludge biochar catalyst/persulfate process: Reactivity and mechanism. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121385	12.8	68
73	Degradation of bisphenol A by persulfate coupled with dithionite: Optimization using response surface methodology and pathway. <i>Science of the Total Environment</i> , 2020 , 699, 134258	10.2	25
72	Photocatalytic degradation of gemifloxacin antibiotic using Zn-Co-LDH@biochar nanocomposite. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121070	12.8	148
71	Magnetite-based catalysts for wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 4664-4682	5.1	10
70	Synergistic utilization of inherent halides and alcohols in hydraulic fracturing wastewater for radical-based treatment: A case study of di-(2-ethylhexyl) phthalate removal. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121321	12.8	14
69	Advanced Oxidation Processes for the Removal of Antibiotics from Water. An Overview. <i>Water (Switzerland)</i> , 2020 , 12, 102	3	171
68	Removal of organic micropollutants from biologically treated greywater using continuous-flow vacuum-UV/UVC photo-reactor. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 7578-7587	5.1	4
67	Ultraviolet/peroxydisulfate degradation of ofloxacin in seawater: Kinetics, mechanism and toxicity of products. <i>Science of the Total Environment</i> , 2020 , 705, 135960	10.2	20
66	Prussian Blue Analogue-derived co/fe bimetallic nanoparticles immobilized on S/N-doped carbon sheet as a magnetic heterogeneous catalyst for activating peroxymonosulfate in water. <i>Chemosphere</i> , 2020 , 244, 125444	8.4	28
65	Comparison of UV/HO, UV/PMS, and UV/PDS in Destruction of Different Reactivity Compounds and Formation of Bromate and Chlorate. <i>Frontiers in Chemistry</i> , 2020 , 8, 581198	5	5
64	Comparing the electrochemical degradation of the fluoroquinolone antibiotics norfloxacin and ciprofloxacin using distinct electrolytes and a BDD anode: evolution of main oxidation byproducts and toxicity. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104433	6.8	7

63	Relationship of the physicochemical properties of novel ZnO/biochar composites to their efficiencies in the degradation of sulfamethoxazole and methyl orange. <i>Science of the Total Environment</i> , 2020 , 748, 141381	10.2	29
62	Physico-chemical processes. <i>Water Environment Research</i> , 2020 , 92, 1751-1769	2.8	0
61	Coordination polymer-derived porous Co ₃ O ₄ nanosheet as an effective catalyst for activating peroxymonosulfate to degrade sulfosalicylic acid. <i>Applied Surface Science</i> , 2020 , 532, 147382	6.7	16
60	Tetracycline Removal by Activating Persulfate with Diatomite Loading of Fe and Ce. <i>Molecules</i> , 2020 , 25,	4.8	6
59	Critical Review on Biochar-Supported Catalysts for Pollutant Degradation and Sustainable Biorefinery. <i>Advanced Sustainable Systems</i> , 2020 , 4, 1900149	5.9	44
58	Advanced oxidative degradation of acetaminophen by carbon catalysts: Radical vs non-radical pathways. <i>Environmental Research</i> , 2020 , 188, 109767	7.9	14
57	Monitoring photolysis and (solar photo)-Fenton of enrofloxacin by a methodology involving EEM-PARAFAC and bioassays: Role of pH and water matrix. <i>Science of the Total Environment</i> , 2020 , 719, 137331	10.2	21
56	Comparing biochar- and bentonite-supported Fe-based catalysts for selective degradation of antibiotics: Mechanisms and pathway. <i>Environmental Research</i> , 2020 , 183, 109156	7.9	38
55	The roles of suspended solids in persulfate/Fe ²⁺ treatment of hydraulic fracturing wastewater: Synergistic interplay of inherent wastewater components. <i>Chemical Engineering Journal</i> , 2020 , 388, 124243	14.7	16
54	Engineered tea-waste biochar for the removal of caffeine, a model compound in pharmaceuticals and personal care products (PPCPs), from aqueous media. <i>Environmental Technology and Innovation</i> , 2020 , 19, 100847	7	36
53	Development of 3-dimensional CoO catalysts with various morphologies for activation of Oxone to degrade 5-sulfosalicylic acid in water. <i>Science of the Total Environment</i> , 2020 , 724, 138032	10.2	6
52	Vacuum ultraviolet irradiation for mitigating dissolved organic nitrogen and formation of haloacetonitriles. <i>Environmental Research</i> , 2020 , 185, 109454	7.9	3
51	Carbothermal synthesis of biochar-supported metallic silver for enhanced photocatalytic removal of methylene blue and antimicrobial efficacy. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123382	12.8	15
50	Visible-light-driven photocatalytic degradation of ofloxacin (OFL) antibiotic and Rhodamine B (RhB) dye by solvothermally grown ZnO/BiMoO heterojunction. <i>Journal of Colloid and Interface Science</i> , 2021 , 582, 412-427	9.3	77
49	Enhanced vacuum UV-based process (VUV/HO/PMS) for the effective removal of ammonia from water: Engineering configuration and mechanistic considerations. <i>Journal of Hazardous Materials</i> , 2021 , 402, 123789	12.8	13
48	Biochar cathode: Reinforcing electro-Fenton pathway against four-electron reduction by controlled carbonization and surface chemistry. <i>Science of the Total Environment</i> , 2021 , 754, 142136	10.2	15
47	Machine learning for the selection of carbon-based materials for tetracycline and sulfamethoxazole adsorption. <i>Chemical Engineering Journal</i> , 2021 , 406, 126782	14.7	44
46	UV/ peroxymonosulfate process for degradation of chloral hydrate: Pathway and the role of radicals. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123837	12.8	14

45	Visible-LED-light-driven photocatalytic degradation of ofloxacin and ciprofloxacin by magnetic biochar modified flower-like BiWO ₄ : The synergistic effects, mechanism insights and degradation pathways. <i>Science of the Total Environment</i> , 2021 , 764, 142879	10.2	30
44	A Fenton-like system of biochar loading Fe-Al layered double hydroxides (FeAl-LDH@BC) / HO for phenol removal. <i>Chemosphere</i> , 2021 , 266, 128992	8.4	8
43	Application of Fourier transform ion cyclotron resonance mass spectrometry in deciphering molecular composition of soil organic matter: A review. <i>Science of the Total Environment</i> , 2021 , 756, 144140	10.2	4
42	Cobalt ferrite nanoparticle-loaded nitrogen-doped carbon sponge as a magnetic 3D heterogeneous catalyst for monopersulfate-based oxidation of salicylic acid. <i>Chemosphere</i> , 2021 , 267, 128906	8.4	10
41	Use of biochar/persulfate for accelerating the stabilization process and improving nitrogen stability of animal waste digestate. <i>Science of the Total Environment</i> , 2021 , 757, 144158	10.2	5
40	Electrospun cobalt ferrite nanofiber as a magnetic and effective heterogeneous catalyst for activating peroxymonosulfate to degrade sulfosalicylic acid. <i>Separation and Purification Technology</i> , 2021 , 259, 118163	8.3	5
39	Electrospun nanoscale iron oxide-decorated carbon fiber as an efficient heterogeneous catalyst for activating percarbonate to degrade Azorubin S in water. <i>Journal of Water Process Engineering</i> , 2021 , 40, 101838	6.7	3
38	CoO nanocube-decorated nitrogen-doped carbon foam as an enhanced 3-dimensional hierarchical catalyst for activating Oxone to degrade sulfosalicylic acid. <i>Journal of Colloid and Interface Science</i> , 2021 , 584, 749-759	9.3	6
37	Magnetic Photocatalyst for Wastewater Tertiary Treatment at Pilot Plant Scale: Disinfection and Enrofloxacin Abatement. <i>Water (Switzerland)</i> , 2021 , 13, 329	3	5
36	Stable FeO submicrospheres with SiO ₂ coating for heterogeneous Fenton-like reaction at alkaline condition. <i>Science of the Total Environment</i> , 2021 , 764, 144200	10.2	9
35	Degradation of ciprofloxacin using UV-based advanced removal processes: Comparison of persulfate-based advanced oxidation and sulfite-based advanced reduction processes. <i>Science of the Total Environment</i> , 2021 , 764, 144510	10.2	22
34	Degradation of a fluorescent tracer-PTSA in circulating cooling water: Kinetics, pathways, and degradation efficiency of a polycyclic aromatic hydrocarbon derivative. <i>Journal of Water Process Engineering</i> , 2021 , 41, 102036	6.7	1
33	Visible-Light-Driven Bio-Templated Magnetic Copper Oxide Composite for Heterogeneous Photo-Fenton Degradation of Tetracycline. <i>Water (Switzerland)</i> , 2021 , 13, 1918	3	5
32	Covalent organic polymer derived carbon nanocapsule-supported cobalt as a catalyst for activating monopersulfate to degrade salicylic acid. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105377	6.8	4
31	Practical use of response surface methodology for optimization of veterinary antibiotic removal using UV/H ₂ O ₂ process. <i>Aquacultural Engineering</i> , 2021 , 94, 102174	3	1
30	Rapid degradation of norfloxacin by VUV/Fe/HO over a wide initial pH: Process parameters, synergistic mechanism, and influencing factors. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125893	12.8	6
29	Current advances in treatment technologies for removal of emerging contaminants from water: A critical review. <i>Coordination Chemistry Reviews</i> , 2021 , 442, 213993	23.2	36
28	Treatment-based hospital wastewater characterization and fractionation of pollutants. <i>Journal of Water Process Engineering</i> , 2021 , 43, 102205	6.7	4

27	Degradation of micropollutants in flow-through VUV/UV/HO reactors: Effects of HO dosage and reactor internal diameter. <i>Journal of Environmental Sciences</i> , 2021 , 110, 28-37	6.4	5
26	Ultrafast oxidation of emerging contaminants by novel VUV/Fe ²⁺ /PS process at wide pH range: Performance and mechanism. <i>Chemical Engineering Journal</i> , 2021 , 426, 131921	14.7	2
25	Molecular insights into the reactivity of aquatic natural organic matter towards hydroxyl (OH) and sulfate (SO ₄) radicals using FT-ICR MS. <i>Chemical Engineering Journal</i> , 2021 , 425, 130622	14.7	4
24	Investigating crystal plane effect of Co ₃ O ₄ with various morphologies on catalytic activation of monopersulfate for degradation of phenol in water. <i>Separation and Purification Technology</i> , 2021 , 276, 119368	8.3	2
23	Selective production of singlet oxygen from zinc-etching hierarchically porous biochar for sulfamethoxazole degradation. <i>Environmental Pollution</i> , 2021 , 290, 117991	9.3	2
22	Highly efficient degradation of bisphenol A with persulfate activated by vacuum-ultraviolet/ultraviolet light (VUV/UV): Experiments and theoretical calculations. <i>Chemical Engineering Journal</i> , 2022 , 429, 132485	14.7	4
21	Improved hydrodynamic cavitation device with expanded orifice plate for effective chlorotetracycline degradation: Optimization of device and operation parameters. <i>Separation and Purification Technology</i> , 2022 , 280, 119840	8.3	1
20	Occurrence and removal of antibiotics from industrial wastewater. <i>Environmental Chemistry Letters</i> , 2021 , 19, 1477-1507	13.3	17
19	Direct 3D printing of zero valent iron@polylactic acid catalyst for tetracycline degradation with magnetically inducing active persulfate. <i>Science of the Total Environment</i> , 2022 , 806, 150917	10.2	0
18	Enhanced degradation mechanism of sulfamethazine by vacuum ultraviolet/persulfate. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106489	6.8	3
17	Promotive effects of vacuum-UV/UV (185/254nm) light on elimination of recalcitrant trace organic contaminants by UV-AOPs during wastewater treatment and reclamation: A review. <i>Science of the Total Environment</i> , 2021 , 818, 151776	10.2	2
16	Hydrogen-based catalyst-assisted advanced oxidation processes to mitigate emerging pharmaceutical contaminants. <i>International Journal of Hydrogen Energy</i> , 2021 ,	6.7	7
15	Degradation of tris(2-chloroethyl) phosphate (TCEP) by thermally activated persulfate: Combination of experimental and theoretical study. <i>Science of the Total Environment</i> , 2021 , 809, 152185	10.2	1
14	Selective regulation of peroxydisulfate-to-hydroxyl radical for efficient in-situ chemical oxidation over Fe-based metal-organic frameworks under visible light. <i>Journal of Catalysis</i> , 2022 , 406, 1-8	7.3	0
13	Removal efficiency for emerging contaminants in a WWTP from Madrid (Spain) after secondary and tertiary treatment and environmental impact on the Manzanares River.. <i>Science of the Total Environment</i> , 2021 , 812, 152567	10.2	3
12	Gaussian Process Regression and Machine Learning Methods for Carbon-Based Material Adsorption. <i>Adsorption Science and Technology</i> , 2022 , 2022, 1-7	3.6	0
11	Vinasse-based biochar magnetic composites: adsorptive removal of tetracycline in aqueous solutions.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
10	Nonlinear Autoregressive Neural Network for Antimicrobial Waste Water Treatment. <i>Adsorption Science and Technology</i> , 2022 , 2022, 1-9	3.6	0

9	Enhancing hydrogen peroxide activation of CuCo layered double hydroxide by compositing with biochar: Performance and mechanism.. <i>Science of the Total Environment</i> , 2022 , 154188	10.2	1
8	Flow line of density functional theory in heterogeneous persulfate-based advanced oxidation processes for pollutant degradation: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 1-21	11.1	0
7	Activating peroxymonosulfate using carbon from cyanobacteria as support for zero-valent iron. <i>Environmental Science and Pollution Research</i> ,	5.1	
6	Enhanced thermal activation of persulfate by coupling hydrogen peroxide for efficient degradation of pyrene. <i>Chemosphere</i> , 2022 , 135057	8.4	1
5	Preparation of a Bi ₂ MoO ₆ /Bi ₂ Sn ₂ O ₇ Composite Photocatalyst and Its Photocatalytic Performance and Toxicity Test. 2022 , 7,		0
4	Enhanced Catalytic Activity of a Coal-Based Powdered Activated Carbon by Thermal Treatment. 2022 , 14, 3308		0
3	A novel approach to interpret quasi-collimated beam results to support design and scale-up of vacuum UV based AOPs. 2022 , 17, 100158		0
2	Dye mineralization under UV/H ₂ O ₂ promoted by chloride ion at high concentration and the generation of chlorinated byproducts. 2023 , 857, 159453		0
1	Mechanism of downward migration of quinolone antibiotics in antibiotics polluted natural soil replenishment water and its effect on soil microorganisms. 2023 , 218, 115032		0