

Natural diatomite mediated spherically monodispersed
efficient catalytic oxidation of bisphenol A through acti

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Magnetic Nanoparticles and Nanocomposites for the Remediation of Water Resources. <i>Magnetochemistry</i> , 2020, 6, 49.	1.0	26
2	Acetaminophen removal from aqueous solutions through peroxymonosulfate activation by CoFe ₂ O ₄ /mpg-C ₃ N ₄ nanocomposite: Insight into the performance and degradation kinetics. <i>Environmental Technology and Innovation</i> , 2020, 20, 101127.	3.0	104
3	Perovskite and Spinel Catalysts for Sulfate Radical-Based Advanced Oxidation of Organic Pollutants in Water and Wastewater Systems. <i>Catalysts</i> , 2020, 10, 1299.	1.6	29
4	Nanoscale CuFe ₂ O ₄ monodispersedly anchored on reduced graphene oxide as excellent peroxydisulfate catalyst for removal of gaseous elemental mercury. <i>Chemical Engineering Journal</i> , 2020, 401, 126101.	6.6	45
5	Heterogeneous activation of peroxymonosulfate for bisphenol A degradation using CoFe ₂ O ₄ derived by hybrid cobalt-ion hexacyanoferrate nanoparticles. <i>Chemical Engineering Journal</i> , 2021, 404, 127052.	6.6	67
6	Cobalt ferrite nanoparticles and nanocomposites: Photocatalytic, antimicrobial activity and toxicity in water treatment. <i>Materials Science in Semiconductor Processing</i> , 2021, 123, 105523.	1.9	87
7	Fenton activity on RhB degradation of magnetic g-C ₃ N ₄ /diatomite/Fe ₃ O ₄ composites. <i>Applied Surface Science</i> , 2021, 543, 148844.	3.1	42
8	Diatomite supported nano zero valent iron with 3D network for peroxymonosulfate activation in efficient degradation of bisphenol A. <i>Journal of Materials Science and Technology</i> , 2021, 95, 57-69.	5.6	26
9	A review of clay based photocatalysts: Role of phyllosilicate mineral in interfacial assembly, microstructure control and performance regulation. <i>Chemosphere</i> , 2021, 273, 129723.	4.2	57
10	Persulfate enhanced visible light photocatalytic degradation of iohexol by surface-loaded perylene diimide/acidified biochar. <i>Chemical Engineering Journal</i> , 2021, 414, 128793.	6.6	32
11	Activation of peroxymonosulfate (PMS) by spinel ferrite and their composites in degradation of organic pollutants: A Review. <i>Chemical Engineering Journal</i> , 2021, 414, 128800.	6.6	211
12	Sulfur-modified chitosan derived N,S-co-doped carbon as a bifunctional material for adsorption and catalytic degradation sulfamethoxazole by persulfate. <i>Journal of Hazardous Materials</i> , 2022, 424, 127270.	6.5	70
13	Oxygen vacancies-enriched CoFe ₂ O ₄ for peroxymonosulfate activation: The reactivity between radical-nonradical coupling way and bisphenol A. <i>Journal of Hazardous Materials</i> , 2021, 418, 126357.	6.5	81
14	Synthesis of ion imprinted magnetic nanocomposites and application for novel selective recycling of Ni(II). <i>Journal of Cleaner Production</i> , 2021, 314, 127999.	4.6	15
15	Adsorptive and photocatalytic behaviour of PANI/TiO ₂ /metakaolin composites for the removal of xanthate from aqueous solution. <i>Minerals Engineering</i> , 2021, 171, 107129.	1.8	19
16	Coordination-driven in-situ self-assembled prussian blue/alginate hydrogels composite mesh with underwater superoleophobicity for oil/water separation and self-cleaning performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 126, 341-350.	2.7	8
17	Highly efficient removal of tetracycline hydrochloride under neutral conditions by visible photo-Fenton process using novel MnFe ₂ O ₄ /diatomite composite. <i>Journal of Water Process Engineering</i> , 2021, 43, 102307.	2.6	9
18	Magnetic cobalt ferrite biochar composite as peroxymonosulfate activator for removal of lomefloxacin hydrochloride. <i>Separation and Purification Technology</i> , 2021, 272, 118889.	3.9	61

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23	Fast and lasting electron transfer between I ³ -FeOOH and g-C ₃ N ₄ /kaolinite containing N vacancies for enhanced visible-light-assisted peroxymonosulfate activation. Chemical Engineering Journal, 2022, 429, 132374.	6.6	59
24	Recent developments in magnetic nanoparticles and nano-composites for wastewater treatment. Journal of Environmental Chemical Engineering, 2021, 9, 106553.	3.3	42
25	CoFe ₂ O ₄ nanoparticles decorated onto graphene oxide and graphitic carbon nitride layers as a separable catalyst for ultrasound-assisted photocatalytic degradation of Bisphenol-A. Chemosphere, 2022, 288, 132663.	4.2	24
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30	Enhancement strategies for efficient activation of persulfate by heterogeneous cobalt-containing catalysts: A review. Chemosphere, 2022, 291, 132954.	4.2	73
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32	Core-shell Hierarchical Enzymatic Biosensor Based on Hyaluronic Acid Capped Copper Ferrite Nanoparticles for Determination of Endocrine-disrupting Bisphenol A. Electroanalysis, 2022, 34, 561-572.	1.5	12
33	Efficient degradation of metronidazole with dual-cathode of acetylene black-PTFE/CoFe ₂ O ₄ -PTFE coupling persulfate. Separation and Purification Technology, 2022, 283, 120193.	3.9	16
34	Enhanced degradation of iohexol in water by CuFe ₂ O ₄ activated peroxymonosulfate: Efficiency, mechanism and degradation pathway. Chemosphere, 2022, 289, 133198.	4.2	23
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37	CoFe ₂ O ₄ -peroxymonosulfate based catalytic UF and NF polymeric membranes for naproxen removal: The role of residence time. <i>Journal of Membrane Science</i> , 2022, 646, 120209.	4.1	24
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39	CoFe ₂ O ₄ NPs supported on graphitic carbon nitride as inexpensive electrocatalysts for methanol oxidation reaction. <i>Ceramics International</i> , 2022, 48, 11623-11628.	2.3	7
40	Efficient degradation of sulfachloropyridazine by sulfite activation with CuO-Al ₂ O ₃ composites under neutral pH conditions: Radical and non-radical. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107276.	3.3	10
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43	Activation of peroxymonosulfate by γ -MnO ₂ for Orange G removal in water. <i>Environmental Research</i> , 2022, 210, 112919.	3.7	19
44	Constructing magnetically separable manganese-based spinel ferrite from spent ternary lithium-ion batteries for efficient degradation of bisphenol A via peroxymonosulfate activation. <i>Chemical Engineering Journal</i> , 2022, 435, 135000.	6.6	36
45	Facile fabrication of surface vulcanized Co-Fe spinel oxide nanoparticles toward efficient 4-nitrophenol destruction. <i>Journal of Hazardous Materials</i> , 2022, 430, 128433.	6.5	45
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51	Controlling oxygen vacancies of CoMn ₂ O ₄ by loading on planar and tubular clay minerals and its application for boosted PMS activation. <i>Journal of Hazardous Materials</i> , 2022, 436, 129060.	6.5	33
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57	Doping Sb into CuFe_2O_4 improved the catalytic performance in the electrochemically enhanced homogeneous peroxymonosulfate-heterogeneous catalytic system for the degradation of ciprofloxacin. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108335.	3.3	11
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66	CuFe_2O_4 /diatomite actuates peroxymonosulfate activation process: Mechanism for active species transformation and pesticide degradation. <i>Water Research</i> , 2023, 235, 119843.	5.3	39
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