

Haodong Ji

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

3,913
citations

126907

33
h-index

182427

51
g-index

53
all docs

53
docs citations

53
times ranked

2326
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning band structure of graphitic carbon nitride for efficient degradation of sulfamethazine: Atmospheric condition and theoretical calculation. <i>Chinese Chemical Letters</i> , 2022, 33, 1385-1389.	9.0	32
2	Visible-light degradation of antibiotics catalyzed by titania/zirconia/graphitic carbon nitride ternary nanocomposites: a combined experimental and theoretical study. <i>Applied Catalysis B: Environmental</i> , 2022, 300, 120633.	20.2	82
3	Visible light photocatalytic degradation of sulfanilamide enhanced by Mo doping of BiOBr nanoflowers. <i>Journal of Hazardous Materials</i> , 2022, 424, 127563.	12.4	104
4	Eliminating tetracycline antibiotics matrix via photoactivated sulfate radical-based advanced oxidation process over the immobilized MIL-88A: Batch and continuous experiments. <i>Chemical Engineering Journal</i> , 2022, 431, 133213.	12.7	39
5	Activation of peracetic acid by metal-organic frameworks (ZIF-67) for efficient degradation of sulfachloropyridazine. <i>Chinese Chemical Letters</i> , 2022, 33, 3172-3176.	9.0	27
6	Application of Titanate Nanotubes for Photocatalytic Decontamination in Water: Challenges and Prospects. <i>ACS ES&T Engineering</i> , 2022, 2, 1015-1038.	7.6	24
7	Photocatalytic degradation of GenX in water using a new adsorptive photocatalyst. <i>Water Research</i> , 2022, 220, 118650.	11.3	32
8	Bifunctional Bi ₁₂ O ₁₇ Cl ₂ /MIL-100(Fe) composites toward photocatalytic Cr(VI) sequestration and activation of persulfate for bisphenol A degradation. <i>Science of the Total Environment</i> , 2021, 752, 141901.	8.0	175
9	Degradation of acetaminophen by activated peroxymonosulfate using Co(OH) ₂ hollow microsphere supported titanate nanotubes: Insights into sulfate radical production pathway through CoOH ⁺ activation. <i>Chemical Engineering Journal</i> , 2021, 406, 126877.	12.7	169
10	Adsorptive removal of ciprofloxacin with different dissociated species onto titanate nanotubes. <i>Journal of Cleaner Production</i> , 2021, 278, 123924.	9.3	61
11	Simultaneous adsorption of uranium(VI) and 2-chlorophenol by activated carbon fiber supported/modified titanate nanotubes (TNTs/ACF): Effectiveness and synergistic effects. <i>Chemical Engineering Journal</i> , 2021, 406, 126752.	12.7	89
12	Insights into catalytic activation of peroxymonosulfate for carbamazepine degradation by MnO ₂ nanoparticles in-situ anchored titanate nanotubes: Mechanism, ecotoxicity and DFT study. <i>Journal of Hazardous Materials</i> , 2021, 402, 123779.	12.4	141
13	Photo-ammonification of low molecular weight dissolved organic nitrogen by direct and indirect photolysis. <i>Science of the Total Environment</i> , 2021, 764, 142930.	8.0	8
14	Activation of peroxydisulfate by V-Fe concentrate ore for enhanced degradation of carbamazepine: Surface V(III) and V(IV) as electron donors promoted the regeneration of V(II). <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119559.	20.2	128
15	A carbon-rich g-C ₃ N ₄ with promoted charge separation for highly efficient photocatalytic degradation of amoxicillin. <i>Chinese Chemical Letters</i> , 2021, 32, 2787-2791.	9.0	47
16	Silicate-Enhanced Heterogeneous Flow-Through Electro-Fenton System Using Iron Oxides under Nanoconfinement. <i>Environmental Science & Technology</i> , 2021, 55, 4045-4053.	10.0	192
17	A novel electrocatalytic filtration system with carbon nanotube supported nanoscale zerovalent copper toward ultrafast oxidation of organic pollutants. <i>Water Research</i> , 2021, 194, 116961.	11.3	123
18	Ternary TiO ₂ /WO ₃ /CQDs nanocomposites for enhanced photocatalytic mineralization of aqueous cephalexin: Degradation mechanism and toxicity evaluation. <i>Chemical Engineering Journal</i> , 2021, 412, 128679.	12.7	40

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19	Surface modification of BiOBr/TiO ₂ by reduced AgBr for solar-driven PAHs degradation: Mechanism insight and application assessment. <i>Journal of Hazardous Materials</i> , 2021, 412, 125221.	12.4	58
20	Highly efficient AgBr/h-MoO ₃ with charge separation tuning for photocatalytic degradation of trimethoprim: Mechanism insight and toxicity assessment. <i>Science of the Total Environment</i> , 2021, 781, 146754.	8.0	38
21	Experimental evidences and theoretical calculations on phenanthrene degradation in a solar-light-driven photocatalysis system using silica aerogel supported TiO ₂ nanoparticles: Insights into reactive sites and energy evolution. <i>Chemical Engineering Journal</i> , 2021, 419, 129605.	12.7	56
22	Photocatalysis-activated SR-AOP over PDINH/MIL-88A(Fe) composites for boosted chloroquine phosphate degradation: Performance, mechanism, pathway and DFT calculations. <i>Applied Catalysis B: Environmental</i> , 2021, 293, 120229.	20.2	288
23	Oxygen defective titanate nanotubes induced by iron deposition for enhanced peroxymonosulfate activation and acetaminophen degradation: Mechanisms, water chemistry effects, and theoretical calculation. <i>Journal of Hazardous Materials</i> , 2021, 418, 126180.	12.4	33
24	Sorption of dispersed petroleum hydrocarbons by activated charcoals: Effects of oil dispersants. <i>Environmental Pollution</i> , 2020, 256, 113416.	7.5	23
25	Short-chain per- and polyfluoroalkyl substances in aquatic systems: Occurrence, impacts and treatment. <i>Chemical Engineering Journal</i> , 2020, 380, 122506.	12.7	285
26	2D/1D graphitic carbon nitride/titanate nanotubes heterostructure for efficient photocatalysis of sulfamethazine under solar light: Catalytic "hot spots" at the rutile"anatase"titanate interfaces. <i>Applied Catalysis B: Environmental</i> , 2020, 263, 118357.	20.2	211
27	Simultaneous control of soil erosion and arsenic leaching at disturbed land using polyacrylamide modified magnetite nanoparticles. <i>Science of the Total Environment</i> , 2020, 702, 134997.	8.0	22
28	Efficient removal and long-term sequestration of cadmium from aqueous solution using ferrous sulfide nanoparticles: Performance, mechanisms, and long-term stability. <i>Science of the Total Environment</i> , 2020, 704, 135402.	8.0	28
29	Removal of 17 β -Estradiol by Activated Charcoal Supported Titanate Nanotubes (TNTs@AC) through Initial Adsorption and Subsequent Photo-Degradation: Intermediates, DFT calculation, and Mechanisms. <i>Water (Switzerland)</i> , 2020, 12, 2121.	2.7	9
30	Insights into heterogeneous catalytic activation of peroxymonosulfate by natural chalcopyrite: pH-dependent radical generation, degradation pathway and mechanism. <i>Chemical Engineering Journal</i> , 2020, 397, 125387.	12.7	157
31	Hydrogen bonding rather than cation bridging promotes graphene oxide attachment to lipid membranes in the presence of heavy metals. <i>Environmental Science: Nano</i> , 2020, 7, 2240-2251.	4.3	5
32	Pre-accumulation and in-situ destruction of diclofenac by a photo-regenerable activated carbon fiber supported titanate nanotubes composite material: Intermediates, DFT calculation, and ecotoxicity. <i>Journal of Hazardous Materials</i> , 2020, 400, 123225.	12.4	86
33	Immobilization of U(VI) by stabilized iron sulfide nanoparticles: Water chemistry effects, mechanisms, and long-term stability. <i>Chemical Engineering Journal</i> , 2020, 393, 124692.	12.7	52
34	Photocatalytic degradation of ofloxacin by perovskite-type NaNbO ₃ nanorods modified g-C ₃ N ₄ heterojunction under simulated solar light: Theoretical calculation, ofloxacin degradation pathways and toxicity evolution. <i>Chemical Engineering Journal</i> , 2020, 400, 125918.	12.7	110
35	Piezo-activation of peroxymonosulfate for benzothiazole removal in water. <i>Journal of Hazardous Materials</i> , 2020, 393, 122448.	12.4	102
36	Enhanced adsorption and photocatalytic degradation of perfluorooctanoic acid in water using iron (hydr)oxides/carbon sphere composite. <i>Chemical Engineering Journal</i> , 2020, 388, 124230.	12.7	60

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37	Efficient adsorption of europium (III) and uranium (VI) by titanate nanorings: Insights into radioactive metal species. <i>Environmental Science and Ecotechnology</i> , 2020, 2, 100031.	13.5	20
38	Enhanced activation of molecular oxygen and degradation of tetracycline over Cu-S4 atomic clusters. <i>Applied Catalysis B: Environmental</i> , 2020, 272, 118966.	20.2	97
39	In-situ construction of Co(OH) ₂ nanoparticles decorated urchin-like WO ₃ for highly efficient degradation of sulfachloropyridazine via peroxymonosulfate activation: Intermediates and DFT calculation. <i>Chemical Engineering Journal</i> , 2020, 395, 125186.	12.7	70
40	Synchronous degradation of aqueous benzotriazole and bromate reduction in catalytic ozonation: Effect of matrix factor, degradation mechanism and application strategy in water treatment. <i>Science of the Total Environment</i> , 2020, 727, 138696.	8.0	13
41	Novel CuCo ₂ O ₄ Composite Spinel with a Meso-Macroporous Nanosheet Structure for Sulfate Radical Formation and Benzophenone-4 Degradation: Interface Reaction, Degradation Pathway, and DFT Calculation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20522-20535.	8.0	83
42	Co-adsorption of ciprofloxacin and Cu(II) onto titanate nanotubes: Speciation variation and metal-organic complexation. <i>Journal of Molecular Liquids</i> , 2019, 292, 111375.	4.9	23
43	Efficient activation of peroxymonosulfate by hollow cobalt hydroxide for degradation of ibuprofen and theoretical study. <i>Chinese Chemical Letters</i> , 2019, 30, 2191-2195.	9.0	110
44	Reductive immobilization and long-term remobilization of radioactive pertechnetate using bio-macromolecules stabilized zero valent iron nanoparticles. <i>Chinese Chemical Letters</i> , 2019, 30, 2163-2168.	9.0	43
45	Graphene modified anatase/titanate nanosheets with enhanced photocatalytic activity for efficient degradation of sulfamethazine under simulated solar light. <i>Chemosphere</i> , 2019, 233, 198-206.	8.2	60
46	Enhanced immobilization of U(VI) using a new type of FeS-modified FeO core-shell particles. <i>Chemical Engineering Journal</i> , 2019, 359, 1617-1628.	12.7	60
47	Sequestration of pertechnetate using carboxymethyl cellulose stabilized FeS nanoparticles: Effectiveness and mechanisms. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 561, 373-380.	4.7	22
48	Hydrothermal synthesis of graphene grafted titania/titanate nanosheets for photocatalytic degradation of 4-chlorophenol: Solar-light-driven photocatalytic activity and computational chemistry analysis. <i>Chemical Engineering Journal</i> , 2018, 331, 685-694.	12.7	75
49	Improved microalgae biomass production and wastewater treatment: Pre-treating municipal anaerobic digestate for algae cultivation. , 2018, , .		2
50	Degradation of petroleum hydrocarbons in seawater by simulated surface-level atmospheric ozone: Reaction kinetics and effect of oil dispersant. <i>Marine Pollution Bulletin</i> , 2018, 135, 427-440.	5.0	49
51	Nanoscale zero-valent iron/persulfate enhanced upflow anaerobic sludge blanket reactor for dye removal: Insight into microbial metabolism and microbial community. <i>Scientific Reports</i> , 2017, 7, 44626.	3.3	18
52	Hydrogen titanate nanosheets with both adsorptive and photocatalytic properties used for organic dyes removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 516, 211-218.	4.7	32
53	Decoloration study for removal of water-soluble basic dye using organo-attapulgite. , 2011, , .		0