

# Haodong Ji

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

3,913  
citations

126708

33  
h-index

182168

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.	4.8	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.	10.8	82
3	Visible light photocatalytic degradation of sulfanilamide enhanced by Mo doping of BiOBr nanoflowers. <i>Journal of Hazardous Materials</i> , 2022, 424, 127563.	6.5	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.	6.6	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.	4.8	27
6	Application of Titanate Nanotubes for Photocatalytic Decontamination in Water: Challenges and Prospects. <i>ACS ES&amp;T Engineering</i> , 2022, 2, 1015-1038.	3.7	24
7	Photocatalytic degradation of GenX in water using a new adsorptive photocatalyst. <i>Water Research</i> , 2022, 220, 118650.	5.3	32
8	Bifunctional Bi <sub>12</sub> O <sub>17</sub> Cl <sub>2</sub> /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.	3.9	175
9	Degradation of acetaminophen by activated peroxymonosulfate using Co(OH) <sub>2</sub> hollow microsphere supported titanate nanotubes: Insights into sulfate radical production pathway through CoOH <sup>+</sup> activation. <i>Chemical Engineering Journal</i> , 2021, 406, 126877.	6.6	169
10	Adsorptive removal of ciprofloxacin with different dissociated species onto titanate nanotubes. <i>Journal of Cleaner Production</i> , 2021, 278, 123924.	4.6	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.	6.6	89
12	Insights into catalytic activation of peroxymonosulfate for carbamazepine degradation by MnO <sub>2</sub> nanoparticles in-situ anchored titanate nanotubes: Mechanism, ecotoxicity and DFT study. <i>Journal of Hazardous Materials</i> , 2021, 402, 123779.	6.5	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.	3.9	8
14	Activation of peroxydisulfate by V-Fe concentrate ore for enhanced degradation of carbamazepine: Surface V <sup>(III)</sup> and V <sup>(IV)</sup> as electron donors promoted the regeneration of V <sup>(II)</sup> . <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119559.	10.8	128
15	A carbon-rich g-C <sub>3</sub> N <sub>4</sub> with promoted charge separation for highly efficient photocatalytic degradation of amoxicillin. <i>Chinese Chemical Letters</i> , 2021, 32, 2787-2791.	4.8	47
16	Silicate-Enhanced Heterogeneous Flow-Through Electro-Fenton System Using Iron Oxides under Nanoconfinement. <i>Environmental Science &amp; Technology</i> , 2021, 55, 4045-4053.	4.6	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.	5.3	123
18	Ternary TiO <sub>2</sub> /WO <sub>3</sub> /CQDs nanocomposites for enhanced photocatalytic mineralization of aqueous cephalexin: Degradation mechanism and toxicity evaluation. <i>Chemical Engineering Journal</i> , 2021, 412, 128679.	6.6	40

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19	Surface modification of BiOBr/TiO <sub>2</sub> by reduced AgBr for solar-driven PAHs degradation: Mechanism insight and application assessment. <i>Journal of Hazardous Materials</i> , 2021, 412, 125221.	6.5	58
20	Highly efficient AgBr/h-MoO <sub>3</sub> with charge separation tuning for photocatalytic degradation of trimethoprim: Mechanism insight and toxicity assessment. <i>Science of the Total Environment</i> , 2021, 781, 146754.	3.9	38
21	Experimental evidences and theoretical calculations on phenanthrene degradation in a solar-light-driven photocatalysis system using silica aerogel supported TiO <sub>2</sub> nanoparticles: Insights into reactive sites and energy evolution. <i>Chemical Engineering Journal</i> , 2021, 419, 129605.	6.6	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.	10.8	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.	6.5	33
24	Sorption of dispersed petroleum hydrocarbons by activated charcoals: Effects of oil dispersants. <i>Environmental Pollution</i> , 2020, 256, 113416.	3.7	23
25	Short-chain per- and polyfluoroalkyl substances in aquatic systems: Occurrence, impacts and treatment. <i>Chemical Engineering Journal</i> , 2020, 380, 122506.	6.6	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.	10.8	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.	3.9	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.	3.9	28
29	Removal of 17 $\beta$ -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.	1.2	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.	6.6	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.	2.2	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.	6.5	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.	6.6	52
34	Photocatalytic degradation of ofloxacin by perovskite-type NaNbO <sub>3</sub> nanorods modified g-C <sub>3</sub> N <sub>4</sub> heterojunction under simulated solar light: Theoretical calculation, ofloxacin degradation pathways and toxicity evolution. <i>Chemical Engineering Journal</i> , 2020, 400, 125918.	6.6	110
35	Piezo-activation of peroxymonosulfate for benzothiazole removal in water. <i>Journal of Hazardous Materials</i> , 2020, 393, 122448.	6.5	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.	6.6	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.	6.7	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.	10.8	97
39	In-situ construction of Co(OH) <sub>2</sub> nanoparticles decorated urchin-like WO <sub>3</sub> for highly efficient degradation of sulfachloropyridazine via peroxymonosulfate activation: Intermediates and DFT calculation. <i>Chemical Engineering Journal</i> , 2020, 395, 125186.	6.6	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.	3.9	13
41	Novel CuCo <sub>2</sub> O <sub>4</sub> 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 &amp; Interfaces</i> , 2020, 12, 20522-20535.	4.0	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.	2.3	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.	4.8	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.	4.8	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.	4.2	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.	6.6	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.	2.3	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.	6.6	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.	2.3	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.	1.6	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.	2.3	32
53	Decoloration study for removal of water-soluble basic dye using organo-attapulgite. , 2011, , .		0