

Yiping Feng

List of Publications by Year in descending order

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58
papers

4,746
citations

117453

34
h-index

143772

57
g-index

58
all docs

58
docs citations

58
times ranked

4314
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of carbon dots modified MoO ₃ /g-C ₃ N ₄ Z-scheme photocatalyst with enhanced visible-light photocatalytic activity for the degradation of tetracycline. <i>Applied Catalysis B: Environmental</i> , 2018, 229, 96-104.	10.8	656
2	Novel ternary photocatalyst of single atom-dispersed silver and carbon quantum dots co-loaded with ultrathin g-C ₃ N ₄ for broad spectrum photocatalytic degradation of naproxen. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 510-520.	10.8	443
3	Facile synthesis of N-doped carbon dots/g-C ₃ N ₄ photocatalyst with enhanced visible-light photocatalytic activity for the degradation of indomethacin. <i>Applied Catalysis B: Environmental</i> , 2017, 207, 103-113.	10.8	438
4	Photocatalytic degradation of fluoroquinolone antibiotics using ordered mesoporous g-C ₃ N ₄ under simulated sunlight irradiation: Kinetics, mechanism, and antibacterial activity elimination. <i>Applied Catalysis B: Environmental</i> , 2018, 227, 114-122.	10.8	275
5	Ordered Macroporous Carbonous Frameworks Implanted with CdS Quantum Dots for Efficient Photocatalytic CO ₂ Reduction. <i>Advanced Materials</i> , 2021, 33, e2102690.	11.1	164
6	Synthesis of a carbon dots modified g-C ₃ N ₄ /SnO ₂ Z-scheme photocatalyst with superior photocatalytic activity for PPCPs degradation under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2021, 401, 123257.	6.5	145
7	Degradation of ketoprofen by sulfate radical-based advanced oxidation processes: Kinetics, mechanisms, and effects of natural water matrices. <i>Chemosphere</i> , 2017, 189, 643-651.	4.2	133
8	Degradation of indometacin by simulated sunlight activated CDs-loaded BiPO ₄ photocatalyst: Roles of oxidative species. <i>Applied Catalysis B: Environmental</i> , 2018, 221, 129-139.	10.8	133
9	Construction of novel Z-scheme nitrogen-doped carbon dots/{Oâ€‰%0â€‰%1} TiO ₂ nanosheet photocatalysts for broad-spectrum-driven diclofenac degradation: Mechanism insight, products and effects of natural water matrices. <i>Chemical Engineering Journal</i> , 2019, 356, 857-868.	6.6	124
10	Highly active metal-free carbon dots/g-C ₃ N ₄ hollow porous nanospheres for solar-light-driven PPCPs remediation: Mechanism insights, kinetics and effects of natural water matrices. <i>Water Research</i> , 2020, 172, 115492.	5.3	113
11	One-step synthesis of phosphorus/oxygen co-doped g-C ₃ N ₄ /anatase TiO ₂ Z-scheme photocatalyst for significantly enhanced visible-light photocatalysis degradation of enrofloxacin. <i>Journal of Hazardous Materials</i> , 2020, 386, 121634.	6.5	111
12	Dual-Metal Hetero-Single-Atoms with Different Coordination for Efficient Synergistic Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 16068-16077.	6.6	110
13	Transformation and Removal of Tetrabromobisphenol A from Water in the Presence of Natural Organic Matter via Laccase-Catalyzed Reactions: Reaction Rates, Products, and Pathways. <i>Environmental Science & Technology</i> , 2013, 47, 1001-1008.	4.6	107
14	Decoration of TiO ₂ /g-C ₃ N ₄ Z-scheme by carbon dots as a novel photocatalyst with improved visible-light photocatalytic performance for the degradation of enrofloxacin. <i>RSC Advances</i> , 2017, 7, 34096-34103.	1.7	104
15	Mechanism Insight into enhanced photodegradation of pharmaceuticals and personal care products in natural water matrix over crystalline graphitic carbon nitrides. <i>Water Research</i> , 2020, 180, 115925.	5.3	101
16	Accelerated photocatalytic degradation of diclofenac by a novel CQDs/BiO ₂ COOH hybrid material under visible-light irradiation: Dechlorination, detoxicity, and a new superoxide radical model study. <i>Chemical Engineering Journal</i> , 2018, 332, 737-748.	6.6	98
17	The facile synthesis of a single atom-dispersed silver-modified ultrathin g-C ₃ N ₄ hybrid for the enhanced visible-light photocatalytic degradation of sulfamethazine with peroxymonosulfate. <i>Dalton Transactions</i> , 2018, 47, 6924-6933.	1.6	81
18	Photocatalytic degradation of clofibrac acid by g-C ₃ N ₄ /P25 composites under simulated sunlight irradiation: The significant effects of reactive species. <i>Chemosphere</i> , 2017, 172, 193-200.	4.2	78

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19	Degradation of triphenyl phosphate (TPHP) by CoFe ₂ O ₄ -activated peroxymonosulfate oxidation process: Kinetics, pathways, and mechanisms. <i>Science of the Total Environment</i> , 2019, 681, 331-338.	3.9	76
20	Degradation of the flame retardant triphenyl phosphate by ferrous ion-activated hydrogen peroxide and persulfate: Kinetics, pathways, and mechanisms. <i>Chemical Engineering Journal</i> , 2019, 361, 929-936.	6.6	73
21	Degradation of ¹⁴ C-labeled few layer graphene via Fenton reaction: Reaction rates, characterization of reaction products, and potential ecological effects. <i>Water Research</i> , 2015, 84, 49-57.	5.3	72
22	Heteroaggregation of Graphene Oxide with Nanometer- and Micrometer-Sized Hematite Colloids: Influence on Nanohybrid Aggregation and Microparticle Sedimentation. <i>Environmental Science & Technology</i> , 2017, 51, 6821-6828.	4.6	70
23	Superhigh co-adsorption of tetracycline and copper by the ultrathin g-C ₃ N ₄ modified graphene oxide hydrogels. <i>Journal of Hazardous Materials</i> , 2022, 424, 127362.	6.5	70
24	A novel synthetic carbon and oxygen doped stalactite-like g-C ₃ N ₄ for broad-spectrum-driven indometacin degradation. <i>Journal of Hazardous Materials</i> , 2020, 386, 121961.	6.5	66
25	Facile synthesis of carbon quantum dots loaded with mesoporous g-C ₃ N ₄ for synergistic absorption and visible light photodegradation of fluoroquinolone antibiotics. <i>Dalton Transactions</i> , 2018, 47, 1284-1293.	1.6	63
26	Ultrathin Ag ₂ WO ₄ -coated P-doped g-C ₃ N ₄ nanosheets with remarkable photocatalytic performance for indomethacin degradation. <i>Journal of Hazardous Materials</i> , 2020, 392, 122355.	6.5	62
27	Template-free synthesis of oxygen-containing ultrathin porous carbon quantum dots/g-C ₃ N ₄ with superior photocatalytic activity for PPCPs remediation. <i>Environmental Science: Nano</i> , 2019, 6, 2565-2576.	2.2	55
28	Accelerated photocatalytic degradation of quinolone antibiotics over Z-scheme MoO ₃ /g-C ₃ N ₄ heterostructure by peroxydisulfate under visible light irradiation: Mechanism; kinetic; and products. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 104, 250-259.	2.7	51
29	Ultrathin Nanosheet Assembled Multishelled Superstructures for Photocatalytic CO ₂ Reduction. <i>ACS Nano</i> , 2022, 16, 4517-4527.	7.3	49
30	A photocatalytic degradation strategy of PPCPs by a heptazine-based CN organic polymer (OCN) under visible light. <i>Environmental Science: Nano</i> , 2018, 5, 2325-2336.	2.2	47
31	Defect-modified reduced graphitic carbon nitride (RCN) enhanced oxidation performance for photocatalytic degradation of diclofenac. <i>Chemosphere</i> , 2020, 258, 127343.	4.2	41
32	Integration of oxygen vacancies into BiOI via a facile alkaline earth ion-doping strategy for the enhanced photocatalytic performance toward indometacin remediation. <i>Journal of Hazardous Materials</i> , 2021, 412, 125147.	6.5	40
33	Facile hydrothermal synthesis of carbon dots (CDs) doped ZnFe ₂ O ₄ /TiO ₂ hybrid materials with high photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 10-18.	2.0	36
34	Metal Sub- μ m Nanoclusters Confined within Hierarchical Porous Carbons with High Oxidation Activity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10842-10849.	7.2	36
35	Heteroaggregation and sedimentation of graphene oxide with hematite colloids: Influence of water constituents and impact on tetracycline adsorption. <i>Science of the Total Environment</i> , 2019, 647, 708-715.	3.9	35
36	Dual metal-free polymer reactive sites for the efficient degradation of diclofenac by visible light-driven oxygen reduction to superoxide radical and hydrogen peroxide. <i>Environmental Science: Nano</i> , 2019, 6, 2577-2590.	2.2	30

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37	Phosphate-modified m-Bi ₂ O ₄ enhances the absorption and photocatalytic activities of sulfonamide: Mechanism, reactive species, and reactive sites. <i>Journal of Hazardous Materials</i> , 2020, 384, 121443.	6.5	30
38	Photodegradation of gemfibrozil in aqueous solution under UV irradiation: kinetics, mechanism, toxicity, and degradation pathways. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14294-14306.	2.7	28
39	Hierarchical Double-Shell CoP Nanocages for Efficient Visible-Light-Driven CO ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45609-45618.	4.0	28
40	Plasmonic Ag nanoparticles decorated copper-phenylacetylide polymer for visible-light-driven photocatalytic reduction of Cr(VI) and degradation of PPCPs: Performance, kinetics, and mechanism. <i>Journal of Hazardous Materials</i> , 2022, 425, 127599.	6.5	27
41	Regulating the Electronic Structure and Water Adsorption Capability by Constructing Carbon-Doped CuO Hollow Spheres for Efficient Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2020, 13, 5711-5721.	3.6	23
42	Smart Removal of Dye Pollutants via Dark Adsorption and Light Desorption at Recyclable Bi ₂ O ₃ /CO ₃ Nanosheets Interface. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20490-20499.	4.0	23
43	Facile synthesis of solar light-driven Z-scheme Ag ₂ CO ₃ /TNS-001 photocatalyst for the effective degradation of naproxen: Mechanisms and degradation pathways. <i>Separation and Purification Technology</i> , 2021, 254, 117598.	3.9	21
44	Subnanometric Cu clusters on atomically Fe-doped MoO ₂ for furfural upgrading to aviation biofuels. <i>Nature Communications</i> , 2022, 13, 2591.	5.8	21
45	Comparison of lignin peroxidase and horseradish peroxidase for catalyzing the removal of nonylphenol from water. <i>Environmental Science and Pollution Research</i> , 2014, 21, 2358-2366.	2.7	19
46	N,Fe-Doped Carbon Dot Decorated Gear-Shaped WO ₃ for Highly Efficient UV-Vis-NIR-Driven Photocatalytic Performance. <i>Catalysts</i> , 2020, 10, 416.	1.6	16
47	Photochemical transformation of C ₃ N ₄ under UV irradiation: Implications for environmental fate and photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2020, 394, 122557.	6.5	15
48	Study of the simulated sunlight photolysis mechanism of ketoprofen: the role of superoxide anion radicals, transformation byproducts, and ecotoxicity assessment. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1176-1184.	1.7	13
49	One-step synthesis of carbon nitride nanobelts for the enhanced photocatalytic degradation of organic pollutants through peroxydisulfate activation. <i>Environmental Science: Nano</i> , 2021, 8, 245-257.	2.2	13
50	Metal Oxide-Stabilized Hetero-Single-Atoms for Oxidative Cleavage of Biomass-Derived Isoeugenol to Vanillin. <i>ACS Catalysis</i> , 2022, 12, 8503-8510.	5.5	13
51	The fate and transformation of tetrabromobisphenol A in natural waters, mediated by oxidoreductase enzymes. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 596-604.	1.7	12
52	Transformation of atenolol by a laccase-mediator system: Efficiencies, effect of water constituents, and transformation pathways. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109555.	2.9	11
53	Interaction of graphene oxide with artificial cell membranes: Role of anionic phospholipid and cholesterol in nanoparticle attachment and membrane disruption. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 202, 111685.	2.5	11
54	Hydrogen generation from photocatalytic treatment of wastewater containing pharmaceuticals and personal care products by Oxygen-doped crystalline carbon nitride. <i>Separation and Purification Technology</i> , 2022, 296, 121425.	3.9	11

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55	<i>In Situ</i> Construction of Porous $\text{Bi}_2\text{O}_3/\text{BiOCOOH}$ Heterojunction Photocatalysts: Enhancing Nitrogen Fixation Activity by the Synergistic Effect of Oxygen Vacancies and Lattice Oxygen. <i>ACS Applied Energy Materials</i> , 2022, 5, 9503-9511.	2.5	10
56	Oxidation of indometacin by ferrate (VI): kinetics, degradation pathways, and toxicity assessment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10786-10795.	2.7	8
57	Transformation of carbon dots by ultraviolet irradiation, ozonation, and chlorination processes: kinetics and mechanisms. <i>Environmental Science: Nano</i> , 2022, 9, 324-334.	2.2	7
58	Metal Subnanoclusters Confined within Hierarchical Porous Carbons with High Oxidation Activity. <i>Angewandte Chemie</i> , 2021, 133, 10937-10944.	1.6	0