Yiping Feng

List of Publications by Citations

55 papers	2,908 citations	27 h-index	53 g-index
58 ext. papers	3,871 ext. citations	10.7 avg, IF	5.59 L-index

#	Paper	IF	Citations
55	Construction of carbon dots modified MoO3/g-C3N4 Z-scheme photocatalyst with enhanced visible-light photocatalytic activity for the degradation of tetracycline. *Applied Catalysis B: Environmental*, **2018**, 229, 96-104	21.8	423
54	Facile synthesis of N-doped carbon dots/g-C3N4 photocatalyst with enhanced visible-light photocatalytic activity for the degradation of indomethacin. *Applied Catalysis B: Environmental*, **2017**, 207, 103-113	21.8	342
53	Novel ternary photocatalyst of single atom-dispersed silver and carbon quantum dots co-loaded with ultrathin g-C3N4 for broad spectrum photocatalytic degradation of naproxen. *Applied Catalysis B: Environmental*, **2018**, 221, 510-520	21.8	304
52	Photocatalytic degradation of fluoroquinolone antibiotics using ordered mesoporous g-C3N4 under simulated sunlight irradiation: Kinetics, mechanism, and antibacterial activity elimination. *Applied Catalysis B: Environmental*, **2018**, 227, 114-122	21.8	183
51	Degradation of indometacin by simulated sunlight activated CDs-loaded BiPO4 photocatalyst: Roles of oxidative species. *Applied Catalysis B: Environmental*, **2018**, 221, 129-139	21.8	103
50	Transformation and removal of tetrabromobisphenol A from water in the presence of natural organic matter via laccase-catalyzed reactions: reaction rates, products, and pathways. *Environmental Science & Technology*, **2013**, 47, 1001-8	10.3	90
49	Construction of novel Z-scheme nitrogen-doped carbon dots/{0 0 1} TiO2 nanosheet photocatalysts for broad-spectrum-driven diclofenac degradation: Mechanism insight, products and effects of natural water matrices. *Chemical Engineering Journal*, **2019**, 356, 857-868	14.7	85
48	Degradation of ketoprofen by sulfate radical-based advanced oxidation processes: Kinetics, mechanisms, and effects of natural water matrices. *Chemosphere*, **2017**, 189, 643-651	8.4	81
47	Decoration of TiO2/g-C3N4 Z-scheme by carbon dots as a novel photocatalyst with improved visible-light photocatalytic performance for the degradation of enrofloxacin. *RSC Advances*, **2017**, 7, 34096-34103	3.7	80
46	Accelerated photocatalytic degradation of diclofenac by a novel CQDs/BiOCOOH hybrid material under visible-light irradiation: Dechloridation, detoxicity, and a new superoxide radical model study. *Chemical Engineering Journal*, **2018**, 332, 737-748	14.7	76
45	Synthesis of a carbon dots modified g-CN/SnO Z-scheme photocatalyst with superior photocatalytic activity for PPCPs degradation under visible light irradiation. *Journal of Hazardous Materials*, **2021**, 401, 123257	12.8	69
44	Highly active metal-free carbon dots/g-CN hollow porous nanospheres for solar-light-driven PPCPs remediation: Mechanism insights, kinetics and effects of natural water matrices. *Water Research*, **2020**, 172, 115492	12.5	67
43	Photocatalytic degradation of clofibric acid by g-CN/P25 composites under simulated sunlight irradiation: The significant effects of reactive species. *Chemosphere*, **2017**, 172, 193-200	8.4	66
42	Degradation of (14)C-labeled few layer graphene via Fenton reaction: Reaction rates, characterization of reaction products, and potential ecological effects. *Water Research*, **2015**, 84, 49-57	12.5	61
41	Mechanism Insight into enhanced photodegradation of pharmaceuticals and personal care products in natural water matrix over crystalline graphitic carbon nitrides. *Water Research*, **2020**, 180, 115925	12.5	57
40	One-step synthesis of phosphorus/oxygen co-doped g-CN/anatase TiO Z-scheme photocatalyst for significantly enhanced visible-light photocatalysis degradation of enrofloxacin. *Journal of Hazardous Materials*, **2020**, 386, 121634	12.8	55
39	The facile synthesis of a single atom-dispersed silver-modified ultrathin g-CN hybrid for the enhanced visible-light photocatalytic degradation of sulfamethazine with peroxymonosulfate. *Dalton Transactions*, **2018**, 47, 6924-6933	4.3	52

38	Heteroaggregation of Graphene Oxide with Nanometer- and Micrometer-Sized Hematite Colloids: Influence on Nanohybrid Aggregation and Microparticle Sedimentation. *Environmental Science & Technology*, **2017**, 51, 6821-6828	10.3	49
37	Facile synthesis of carbon quantum dots loaded with mesoporous g-CN for synergistic absorption and visible light photodegradation of fluoroquinolone antibiotics. *Dalton Transactions*, **2018**, 47, 1284-1293	4.3	49
36	Ordered Macroporous Carbonous Frameworks Implanted with CdS Quantum Dots for Efficient Photocatalytic CO Reduction. *Advanced Materials*, **2021**, 33, e2102690	24	47
35	Degradation of the flame retardant triphenyl phosphate by ferrous ion-activated hydrogen peroxide and persulfate: Kinetics, pathways, and mechanisms. *Chemical Engineering Journal*, **2019**, 361, 929-936	14.7	47
34	Degradation of triphenyl phosphate (TPhP) by CoFeO-activated peroxymonosulfate oxidation process: Kinetics, pathways, and mechanisms. *Science of the Total Environment*, **2019**, 681, 331-338	10.2	44
33	A novel synthetic carbon and oxygen doped stalactite-like g-CN for broad-spectrum-driven indometacin degradation. *Journal of Hazardous Materials*, **2020**, 386, 121961	12.8	38
32	Template-free synthesis of oxygen-containing ultrathin porous carbon quantum dots/g-C3N4 with superior photocatalytic activity for PPCPs remediation. *Environmental Science: Nano*, **2019**, 6, 2565-2576	7.1	37
31	A photocatalytic degradation strategy of PPCPs by a heptazine-based CN organic polymer (OCN) under visible light. *Environmental Science: Nano*, **2018**, 5, 2325-2336	7.1	37
30	Ultrathin AgWO-coated P-doped g-CN nanosheets with remarkable photocatalytic performance for indomethacin degradation. *Journal of Hazardous Materials*, **2020**, 392, 122355	12.8	31
29	Accelerated photocatalytic degradation of quinolone antibiotics over Z-scheme MoO3/g-C3N4 heterostructure by peroxydisulfate under visible light irradiation: Mechanism; kinetic; and products. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 104, 250-259	5.3	31
28	Facile hydrothermal synthesis of carbon dots (CDs) doped ZnFe2O4/TiO2 hybrid materials with high photocatalytic activity. *Journal of Photochemistry and Photobiology A: Chemistry*, **2018**, 353, 10-18	4.7	27
27	Heteroaggregation and sedimentation of graphene oxide with hematite colloids: Influence of water constituents and impact on tetracycline adsorption. *Science of the Total Environment*, **2019**, 647, 708-715	10.2	24
26	Dual metal-free polymer reactive sites for the efficient degradation of diclofenac by visible light-driven oxygen reduction to superoxide radical and hydrogen peroxide. *Environmental Science: Nano*, **2019**, 6, 2577-2590	7.1	22
25	Defect-modified reduced graphitic carbon nitride (RCN) enhanced oxidation performance for photocatalytic degradation of diclofenac. *Chemosphere*, **2020**, 258, 127343	8.4	22
24	Dual-Metal Hetero-Single-Atoms with Different Coordination for Efficient Synergistic Catalysis. *Journal of the American Chemical Society*, **2021**, 143, 16068-16077	16.4	22
23	Phosphate-modified m-BiO enhances the absorption and photocatalytic activities of sulfonamide: Mechanism, reactive species, and reactive sites. *Journal of Hazardous Materials*, **2020**, 384, 121443	12.8	19
22	Comparison of lignin peroxidase and horseradish peroxidase for catalyzing the removal of nonylphenol from water. *Environmental Science and Pollution Research*, **2014**, 21, 2358-2366	5.1	17
21	Photodegradation of gemfibrozil in aqueous solution under UV irradiation: kinetics, mechanism, toxicity, and degradation pathways. *Environmental Science and Pollution Research*, **2016**, 23, 14294-306	5.1	16

20	Integration of oxygen vacancies into BiOI via a facile alkaline earth ion-doping strategy for the enhanced photocatalytic performance toward indometacin remediation. *Journal of Hazardous Materials*, **2021**, 412, 125147	12.8	14
19	Smart Removal of Dye Pollutants via Dark Adsorption and Light Desorption at Recyclable BiOCO Nanosheets Interface. *ACS Applied Materials & Interfaces*, **2020**, 12, 20490-20499	9.5	11
18	Regulating the Electronic Structure and Water Adsorption Capability by Constructing Carbon-Doped CuO Hollow Spheres for Efficient Photocatalytic Hydrogen Evolution. *ChemSusChem* , **2020**, 13, 5711-5721	8.3	11
17	Study of the simulated sunlight photolysis mechanism of ketoprofen: the role of superoxide anion radicals, transformation byproducts, and ecotoxicity assessment. *Environmental Sciences: Processes and Impacts*, **2017**, 19, 1176-1184	4.3	10
16	Ultrathin Nanosheet Assembled Multishelled Superstructures for Photocatalytic CO Reduction.. *ACS Nano*, **2022**,	16.7	10
15	The fate and transformation of tetrabromobisphenol A in natural waters, mediated by oxidoreductase enzymes. *Environmental Sciences: Processes and Impacts*, **2017**, 19, 596-604	4.3	9
14	Metal Sub-nanoclusters Confined within Hierarchical Porous Carbons with High Oxidation Activity. *Angewandte Chemie - International Edition*, **2021**, 60, 10842-10849	16.4	9
13	Facile synthesis of solar light-driven Z-scheme Ag2CO3/TNS-001 photocatalyst for the effective degradation of naproxen: Mechanisms and degradation pathways. *Separation and Purification Technology*, **2021**, 254, 117598	8.3	9
12	Oxidation of indometacin by ferrate (VI): kinetics, degradation pathways, and toxicity assessment. *Environmental Science and Pollution Research*, **2017**, 24, 10786-10795	5.1	8
11	N,Fe-Doped Carbon Dot Decorated Gear-Shaped WO3 for Highly Efficient UV-Vis-NIR-Driven Photocatalytic Performance. *Catalysts*, **2020**, 10, 416	4	8
10	Superhigh co-adsorption of tetracycline and copper by the ultrathin g-CN modified graphene oxide hydrogels. *Journal of Hazardous Materials*, **2022**, 424, 127362	12.8	8
9	Photochemical transformation of CN under UV irradiation: Implications for environmental fate and photocatalytic activity. *Journal of Hazardous Materials*, **2020**, 394, 122557	12.8	7
8	Hierarchical Double-Shelled CoP Nanocages for Efficient Visible-Light-Driven CO Reduction. *ACS Applied Materials & Interfaces*, **2021**, 13, 45609-45618	9.5	7
7	Interaction of graphene oxide with artificial cell membranes: Role of anionic phospholipid and cholesterol in nanoparticle attachment and membrane disruption. *Colloids and Surfaces B: Biointerfaces*, **2021**, 202, 111685	6	4
6	Plasmonic Ag nanoparticles decorated copper-phenylacetylide polymer for visible-light-driven photocatalytic reduction of Cr(VI) and degradation of PPCPs: Performance, kinetics, and mechanism.. *Journal of Hazardous Materials*, **2021**, 425, 127599	12.8	3
5	Transformation of atenolol by a laccase-mediator system: Efficiencies, effect of water constituents, and transformation pathways. *Ecotoxicology and Environmental Safety*, **2019**, 183, 109555	7	2
4	One-step synthesis of carbon nitride nanobelts for the enhanced photocatalytic degradation of organic pollutants through peroxydisulfate activation. *Environmental Science: Nano*, **2021**, 8, 245-257	7.1	2
3	Subnanometric Cu clusters on atomically Fe-doped MoO for furfural upgrading to aviation biofuels.. *Nature Communications*, **2022**, 13, 2591	17.4	2

2	Hydrogen Generation from Photocatalytic Treatment of Wastewater Containing Pharmaceuticals and Personal Care Products by Oxygen-doped Crystalline Carbon Nitride. *Separation and Purification Technology*, **2022**, 121425	8.3	0
1	Metal Sub-nanoclusters Confined within Hierarchical Porous Carbons with High Oxidation Activity. *Angewandte Chemie*, **2021**, 133, 10937-10944	3.6	