

Yiping Feng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Superhigh co-adsorption of tetracycline and copper by the ultrathin g-CN modified graphene oxide hydrogels. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127362 | 12.8 | 8 |
| 54 | Ultrathin Nanosheet Assembled Multishelled Superstructures for Photocatalytic CO Reduction.. <i>ACS Nano</i> , 2022 , | 16.7 | 10 |
| 53 | Subnanometric Cu clusters on atomically Fe-doped MoO for furfural upgrading to aviation biofuels.. <i>Nature Communications</i> , 2022 , 13, 2591 | 17.4 | 2 |
| 52 | 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 , 121425 | 8.3 | 0 |
| 51 | 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> , 2021 , 425, 127599 | 12.8 | 3 |
| 50 | Metal Sub-nanoclusters Confined within Hierarchical Porous Carbons with High Oxidation Activity. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10842-10849 | 16.4 | 9 |
| 49 | Metal Sub-nanoclusters Confined within Hierarchical Porous Carbons with High Oxidation Activity. <i>Angewandte Chemie</i> , 2021 , 133, 10937-10944 | 3.6 | |
| 48 | 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 | 6 | 4 |
| 47 | 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 | 12.8 | 14 |
| 46 | Ordered Macroporous Carbonous Frameworks Implanted with CdS Quantum Dots for Efficient Photocatalytic CO Reduction. <i>Advanced Materials</i> , 2021 , 33, e2102690 | 24 | 47 |
| 45 | Synthesis of a carbon dots modified g-CN/SnO Z-scheme photocatalyst with superior photocatalytic activity for PPCPs degradation under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123257 | 12.8 | 69 |
| 44 | 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 | 8.3 | 9 |
| 43 | 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 | 7.1 | 2 |
| 42 | Hierarchical Double-Shelled CoP Nanocages for Efficient Visible-Light-Driven CO Reduction. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 45609-45618 | 9.5 | 7 |
| 41 | Dual-Metal Hetero-Single-Atoms with Different Coordination for Efficient Synergistic Catalysis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 16068-16077 | 16.4 | 22 |
| 40 | 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 | 12.5 | 57 |
| 39 | Defect-modified reduced graphitic carbon nitride (RCN) enhanced oxidation performance for photocatalytic degradation of diclofenac. <i>Chemosphere</i> , 2020 , 258, 127343 | 8.4 | 22 |

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| 38 | Ultrathin AgWO ₃ -coated P-doped g-CN nanosheets with remarkable photocatalytic performance for indomethacin degradation. <i>Journal of Hazardous Materials</i> , 2020 , 392, 122355 | 12.8 | 31 |
| 37 | 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 | 4 | 8 |
| 36 | Photochemical transformation of CN under UV irradiation: Implications for environmental fate and photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2020 , 394, 122557 | 12.8 | 7 |
| 35 | Smart Removal of Dye Pollutants via Dark Adsorption and Light Desorption at Recyclable BiOCO Nanosheets Interface. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 20490-20499 | 9.5 | 11 |
| 34 | One-step synthesis of phosphorus/oxygen co-doped g-CN/anatase TiO ₂ Z-scheme photocatalyst for significantly enhanced visible-light photocatalysis degradation of enrofloxacin. <i>Journal of Hazardous Materials</i> , 2020 , 386, 121634 | 12.8 | 55 |
| 33 | 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. <i>Water Research</i> , 2020 , 172, 115492 | 12.5 | 67 |
| 32 | A novel synthetic carbon and oxygen doped stalactite-like g-CN for broad-spectrum-driven indometacin degradation. <i>Journal of Hazardous Materials</i> , 2020 , 386, 121961 | 12.8 | 38 |
| 31 | 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 | 8.3 | 11 |
| 30 | Phosphate-modified m-BiO enhances the absorption and photocatalytic activities of sulfonamide: Mechanism, reactive species, and reactive sites. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121443 | 12.8 | 19 |
| 29 | 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 | 7 | 2 |
| 28 | Degradation of triphenyl phosphate (TPhP) by CoFeO-activated peroxymonosulfate oxidation process: Kinetics, pathways, and mechanisms. <i>Science of the Total Environment</i> , 2019 , 681, 331-338 | 10.2 | 44 |
| 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 ^{7.1} | 7.1 | 37 |
| 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. <i>Environmental Science: Nano</i> , 2019 , 6, 2577-2590 | 7.1 | 22 |
| 25 | 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 | 10.2 | 24 |
| 24 | 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 | 5.3 | 31 |
| 23 | Construction of novel Z-scheme nitrogen-doped carbon dots/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 | 14.7 | 85 |
| 22 | 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 | 14.7 | 47 |
| 21 | 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. <i>Dalton Transactions</i> , 2018 , 47, 6924-6933 | 4.3 | 52 |

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| 20 | 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 | 21.8 | 423 |
| 19 | Facile synthesis of carbon quantum dots loaded with mesoporous g-CN for synergistic absorption and visible light photodegradation of fluoroquinolone antibiotics. <i>Dalton Transactions</i> , 2018 , 47, 1284-1293 | 4.3 | 49 |
| 18 | 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 | 21.8 | 183 |
| 17 | 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 | 14.7 | 76 |
| 16 | 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 | 21.8 | 304 |
| 15 | 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 | 21.8 | 103 |
| 14 | 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 | 7.1 | 37 |
| 13 | 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 | 4.7 | 27 |
| 12 | Photocatalytic degradation of clofibrac acid by g-CN/P25 composites under simulated sunlight irradiation: The significant effects of reactive species. <i>Chemosphere</i> , 2017 , 172, 193-200 | 8.4 | 66 |
| 11 | 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 | 21.8 | 342 |
| 10 | 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 | 4.3 | 9 |
| 9 | 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 | 10.3 | 49 |
| 8 | Oxidation of indometacin by ferrate (VI): kinetics, degradation pathways, and toxicity assessment. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 10786-10795 | 5.1 | 8 |
| 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 | 8.4 | 81 |
| 6 | 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 | 4.3 | 10 |
| 5 | 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 | 3.7 | 80 |
| 4 | Photodegradation of gemfibrozil in aqueous solution under UV irradiation: kinetics, mechanism, toxicity, and degradation pathways. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 14294-306 | 5.1 | 16 |
| 3 | 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 | 12.5 | 61 |

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| 2 | 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 | 5.1 | 17 |
| 1 | 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, 1001-8 | 10.3 | 90 |