

Wenying Lv

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.

49
papers

2,317
citations

24
h-index

48
g-index

51
ext. papers

3,011
ext. citations

10.3
avg, IF

5.25
L-index

#	Paper	IF	Citations
49	Synchronous construction of a porous intramolecular D-A conjugated polymer via electron donors for superior photocatalytic decontamination. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127379	12.8	1
48	Construction of double-functionalized g-CN heterojunction structure via optimized charge transfer for the synergistically enhanced photocatalytic degradation of sulfonamides and HO ₂ production. <i>Journal of Hazardous Materials</i> , 2022 , 422, 126868	12.8	6
47	Ionic covalent organic frameworks for Non-Steroidal Anti-Inflammatory drugs (NSAIDs) removal from aqueous Solution: Adsorption performance and mechanism. <i>Separation and Purification Technology</i> , 2022 , 278, 119238	8.3	5
46	Effective stabilization of atomic hydrogen by Pd nanoparticles for rapid hexavalent chromium reduction and synchronous bisphenol A oxidation during the photoelectrocatalytic process. <i>Journal of Hazardous Materials</i> , 2022 , 422, 126974	12.8	2
45	Activation of peracetic acid via CoO with double-layered hollow structures for the highly efficient removal of sulfonamides: Kinetics insights and assessment of practical applications.. <i>Journal of Hazardous Materials</i> , 2022 , 431, 128579	12.8	0
44	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
43	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
42	Removal of lead ions by two FeMn oxide substrate adsorbents. <i>Science of the Total Environment</i> , 2021 , 773, 145670	10.2	2
41	Synthesis of a carbon dots modified g-CN/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	12.8	69
40	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
39	Efficient removal of bisphenol pollutants on imine-based covalent organic frameworks: adsorption behavior and mechanism.. <i>RSC Advances</i> , 2021 , 11, 18308-18320	3.7	5
38	High-performance adsorption of chromate by hydrazone-linked guanidinium-based ionic covalent organic frameworks: Selective ion exchange. <i>Separation and Purification Technology</i> , 2021 , 274, 118993	8.3	8
37	Defect-modified reduced graphitic carbon nitride (RCN) enhanced oxidation performance for photocatalytic degradation of diclofenac. <i>Chemosphere</i> , 2020 , 258, 127343	8.4	22
36	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
35	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
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	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

32	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
31	Activation of peroxymonosulfate by Fe doped g-CN /graphene under visible light irradiation for Trimethoprim degradation. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121435	12.8	50
30	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
29	Template-free synthesis of oxygen-containing ultrathin porous carbon quantum dots/g-C3N4 with superior photocatalytic activity for PPCPs remediation. <i>Environmental Science: Nano</i> , 2019 , 6, 2565-2576	7.1	37
28	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
27	Facile synthesis of acid-modified UiO-66 to enhance the removal of Cr(VI) from aqueous solutions. <i>Science of the Total Environment</i> , 2019 , 682, 118-127	10.2	47
26	Study on heterogeneous photocatalytic ozonation degradation of ciprofloxacin by TiO/carbon dots: Kinetic, mechanism and pathway investigation. <i>Chemosphere</i> , 2019 , 227, 198-206	8.4	57
25	Experimental and theoretical investigation on photodegradation mechanisms of naproxen and its photoproducts. <i>Chemosphere</i> , 2019 , 227, 142-150	8.4	15
24	Photocatalyst with a metal-free electron-hole pair double transfer mechanism for pharmaceutical and personal care product degradation. <i>Environmental Science: Nano</i> , 2019 , 6, 3292-3306	7.1	12
23	Degradation of propranolol by UV-activated persulfate oxidation: Reaction kinetics, mechanisms, reactive sites, transformation pathways and Gaussian calculation. <i>Science of the Total Environment</i> , 2019 , 690, 878-890	10.2	42
22	Removal of pharmaceuticals and personal care products (PPCPs) from water and wastewater using novel sulfonic acid (SO ₃ H) functionalized covalent organic frameworks. <i>Environmental Science: Nano</i> , 2019 , 6, 3374-3387	7.1	37
21	Construction of heterostructured CuFe ₂ O ₄ /g-C ₃ N ₄ nanocomposite as an efficient visible light photocatalyst with peroxydisulfate for the organic oxidation. <i>Applied Catalysis B: Environmental</i> , 2019 , 244, 974-982	21.8	129
20	Insights into the synergetic mechanism of a combined vis-RGO/TiO/peroxodisulfate system for the degradation of PPCPs: Kinetics, environmental factors and products. <i>Chemosphere</i> , 2019 , 216, 341-351	8.4	34
19	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
18	Ozonation of ketoprofen with nitrate in aquatic environments: kinetics, pathways, and toxicity.. <i>RSC Advances</i> , 2018 , 8, 10541-10548	3.7	5
17	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
16	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
15	Carbon nitride modified hexagonal boron nitride interface as highly efficient blue LED light-driven photocatalyst. <i>Applied Catalysis B: Environmental</i> , 2018 , 238, 410-421	21.8	53

14	Aquatic photodegradation of clofibric acid under simulated sunlight irradiation: kinetics and mechanism analysis.. <i>RSC Advances</i> , 2018 , 8, 27796-27804	3.7	8
13	Thermo-activated peroxydisulfate oxidation of indomethacin: Kinetics study and influences of co-existing substances. <i>Chemosphere</i> , 2018 , 212, 1067-1075	8.4	15
12	Photocatalytic degradation of clofibric 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-C3N4 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	A sulfate radical based ferrous peroxydisulfate oxidative system for indomethacin degradation in aqueous solutions. <i>RSC Advances</i> , 2017 , 7, 22802-22809	3.7	31
9	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
8	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
7	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. <i>RSC Advances</i> , 2017 , 7, 34096-34103	3.7	80
6	Study on the photocatalytic mechanism and detoxicity of gemfibrozil by a sunlight-driven TiO2/carbon dots photocatalyst: The significant roles of reactive oxygen species. <i>Applied Catalysis B: Environmental</i> , 2017 , 204, 250-259	21.8	178
5	Effect of halide ions on the photodegradation of ibuprofen in aqueous environments. <i>Chemosphere</i> , 2017 , 166, 412-417	8.4	10
4	Remediation of Cd(II)-contaminated soil via humin-enhanced electrokinetic technology. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 3430-3436	5.1	16
3	Photocatalytic degradation and removal mechanism of ibuprofen via monoclinic BiVO4 under simulated solar light. <i>Chemosphere</i> , 2016 , 150, 139-144	8.4	57
2	Impact of Humin on Soil Adsorption and Remediation of Cd(II), Pb(II), and Cu(II). <i>Soil and Sediment Contamination</i> , 2016 , 25, 700-715	3.2	10
1	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