

Wenyong Lv

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5903333/wenyong-lv-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
48	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
47	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
46	Study on the photocatalytic mechanism and detoxicity of gemfibrozil by a sunlight-driven TiO ₂ /carbon dots photocatalyst: The significant roles of reactive oxygen species. <i>Applied Catalysis B: Environmental</i> , 2017 , 204, 250-259	21.8	178
45	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
44	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
43	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
42	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
41	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
40	Study on heterogeneous photocatalytic ozonation degradation of ciprofloxacin by TiO ₂ /carbon dots: Kinetic, mechanism and pathway investigation. <i>Chemosphere</i> , 2019 , 227, 198-206	8.4	57
39	Photocatalytic degradation and removal mechanism of ibuprofen via monoclinic BiVO ₄ under simulated solar light. <i>Chemosphere</i> , 2016 , 150, 139-144	8.4	57
38	One-step synthesis of phosphorus/oxygen co-doped g-CN/anatase TiO Z-scheme photocatalyst for significantly enhanced visible-light photocatalysis degradation of enrofloxacin. <i>Journal of Hazardous Materials</i> , 2020 , 386, 121634	12.8	55
37	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
36	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
35	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
34	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
33	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

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	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	37
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	7.1	37
29	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
28	Insights into the synergetic mechanism of a combined vis-RGO/TiO ₂ /peroxydisulfate system for the degradation of PPCPs: Kinetics, environmental factors and products. <i>Chemosphere</i> , 2019 , 216, 341-351	8.4	34
27	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
26	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
25	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
24	Defect-modified reduced graphitic carbon nitride (RCN) enhanced oxidation performance for photocatalytic degradation of diclofenac. <i>Chemosphere</i> , 2020 , 258, 127343	8.4	22
23	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
22	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
21	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
20	Experimental and theoretical investigation on photodegradation mechanisms of naproxen and its photoproducts. <i>Chemosphere</i> , 2019 , 227, 142-150	8.4	15
19	Thermo-activated peroxydisulfate oxidation of indomethacin: Kinetics study and influences of co-existing substances. <i>Chemosphere</i> , 2018 , 212, 1067-1075	8.4	15
18	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
17	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
16	Effect of halide ions on the photodegradation of ibuprofen in aqueous environments. <i>Chemosphere</i> , 2017 , 166, 412-417	8.4	10
15	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

14	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
13	Aquatic photodegradation of clofibrac acid under simulated sunlight irradiation: kinetics and mechanism analysis.. <i>RSC Advances</i> , 2018 , 8, 27796-27804	3.7	8
12	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
11	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
10	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
9	Ozonation of ketoprofen with nitrate in aquatic environments: kinetics, pathways, and toxicity.. <i>RSC Advances</i> , 2018 , 8, 10541-10548	3.7	5
8	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
7	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
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.. <i>Journal of Hazardous Materials</i> , 2021 , 425, 127599	12.8	3
5	Removal of lead ions by two FeMn oxide substrate adsorbents. <i>Science of the Total Environment</i> , 2021 , 773, 145670	10.2	2
4	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
3	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
2	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
1	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