

Weiliang Wang

List of Publications by Year in descending order

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24
papers

1,475
citations

430874

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677142

22
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24
all docs

24
docs citations

24
times ranked

1895
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotics in the aquatic environments: A review of lakes, China. <i>Science of the Total Environment</i> , 2018, 627, 1195-1208.	8.0	440
2	Occurrence and fate of antibiotics and antibiotic resistance genes in typical urban water of Beijing, China. <i>Environmental Pollution</i> , 2019, 246, 163-173.	7.5	185
3	Highly efficient photocatalytic degradation of methylene blue by P2ABSA-modified TiO ₂ nanocomposite due to the photosensitization synergetic effect of TiO ₂ and P2ABSA. <i>RSC Advances</i> , 2017, 7, 23699-23708.	3.6	156
4	Efficient Adsorption of Sulfamethazine onto Modified Activated Carbon: A Plausible Adsorption Mechanism. <i>Scientific Reports</i> , 2017, 7, 12437.	3.3	110
5	Enhanced photocatalytic activity of PANI/TiO ₂ due to their photosensitization-synergetic effect. <i>Electrochimica Acta</i> , 2017, 247, 486-495.	5.2	85
6	MoSe ₂ @CNT Core-Shell Nanostructures as Grain Promoters Featuring a Direct Li ₂ O ₂ Formation/Decomposition Catalytic Capability in Lithium-Oxygen Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003263.	19.5	75
7	Highly-efficient photocatalytic degradation of methylene blue by PoPD-modified TiO ₂ nanocomposites due to photosensitization-synergetic effect of TiO ₂ with PoPD. <i>Scientific Reports</i> , 2017, 7, 3973.	3.3	66
8	Analysis of point source pollution and water environmental quality variation trends in the Nansi Lake basin from 2002 to 2012. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4886-4897.	5.3	41
9	Occurrence of typical antibiotics in Nansi Lake's inflowing rivers and antibiotic source contribution to Nansi Lake based on principal component analysis-multiple linear regression model. <i>Chemosphere</i> , 2020, 242, 125269.	8.2	38
10	Occurrence and ecological risk of pharmaceutical and personal care products in surface water of the Dongting Lake, China-during rainstorm period. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28796-28807.	5.3	36
11	The physiological characteristics of zebra fish (<i>Danio rerio</i>) based on metabolism and behavior: A new method for the online assessment of cadmium stress. <i>Chemosphere</i> , 2017, 184, 1150-1156.	8.2	29
12	Toxic Assessment of Cadmium Based on Online Swimming Behavior and the Continuous AChE Activity in the Gill of Zebrafish (<i>Danio rerio</i>). <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	29
13	Environmental Characteristics of Polybrominated Diphenyl Ethers in Marine System, with Emphasis on Marine Organisms and Sediments. <i>BioMed Research International</i> , 2016, 2016, 1-16.	1.9	28
14	Photocatalytic degradation of methylene blue with ZnO@C nanocomposites: Kinetics, mechanism, and the inhibition effect on monoamine oxidase A and B. <i>NanoImpact</i> , 2019, 15, 100174.	4.5	25
15	Investigation of kinetics and mechanism for the degradation of antibiotic norfloxacin in wastewater by UV/H ₂ O ₂ . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 115, 117-127.	5.3	25
16	Highly efficient photocatalytic degradation of methylene blue by PoPD/TiO ₂ nanocomposite. <i>PLoS ONE</i> , 2017, 12, e0174104.	2.5	24
17	The preparation of a novel iron/manganese binary oxide for the efficient removal of hexavalent chromium [Cr(VI)] from aqueous solutions. <i>RSC Advances</i> , 2020, 10, 10612-10623.	3.6	22
18	Equilibrium adsorption study of the adsorptive removal of Cd ²⁺ and Cr ⁶⁺ using activated carbon. <i>Environmental Science and Pollution Research</i> , 2018, 25, 25538-25550.	5.3	21

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19	Solvothermal Synthesis of ZnO Nanoparticles for Photocatalytic Degradation of Methyl Orange and p-Nitrophenol. <i>Water (Switzerland)</i> , 2021, 13, 3224.	2.7	16
20	Occurrence of antibiotics in the Xiaoqing River basin and antibiotic source contribution-a case study of Jinan city, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 25241-25254.	5.3	11
21	Preparation and Characterization of Phosphoric Acid-Modified Biochar Nanomaterials with Highly Efficient Adsorption and Photodegradation Ability. <i>Langmuir</i> , 2021, 37, 9253-9263.	3.5	11
22	Highly efficient UV/H ₂ O ₂ technology for the removal of nifedipine antibiotics: Kinetics, co-existing anions and degradation pathways. <i>PLoS ONE</i> , 2021, 16, e0258483.	2.5	2
23	Li ⁺ @O ₂ Batteries: MoSe ₂ @CNT Core-Shell Nanostructures as Grain Promoters Featuring a Direct Li ₂ O ₂ Formation/Decomposition Catalytic Capability in Lithium-Oxygen Batteries (<i>Adv. Energy Mater.</i> 18/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170069.	19.5	0
24	Simultaneous preconcentration and pre-column derivatization for rapid analysis of nitrilotriacetic acid in environmental waters by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2022, 1674, 463137.	3.7	0