

Zhe Wang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

580
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

806
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescence sensor array based on amino acid derived carbon dots for pattern-based detection of toxic metal ions. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1324-1330.	7.8	139
2	Visualization of Adsorption: Luminescent Mesoporous Silica-Carbon Dots Composite for Rapid and Selective Removal of U(VI) and in Situ Monitoring the Adsorption Behavior. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7392-7398.	8.0	96
3	Microplasma-assisted rapid synthesis of luminescent nitrogen-doped carbon dots and their application in pH sensing and uranium detection. <i>Nanoscale</i> , 2015, 7, 20743-20748.	5.6	86
4	Application of carbon dots and their composite materials for the detection and removal of radioactive ions: A review. <i>Chemosphere</i> , 2022, 287, 132313.	8.2	82
5	Microplasma electrochemistry controlled rapid preparation of fluorescent polydopamine nanoparticles and their application in uranium detection. <i>Chemical Engineering Journal</i> , 2018, 344, 480-486.	12.7	49
6	Cyclodextrin functionalized 3D-graphene for the removal of Cr(VI) with the easy and rapid separation strategy. <i>Environmental Pollution</i> , 2019, 254, 112854.	7.5	43
7	Microplasma-assisted rapid, chemical oxidant-free and controllable polymerization of dopamine for surface modification. <i>Polymer Chemistry</i> , 2017, 8, 4388-4392.	3.9	38
8	Quantitative Analysis of Surface Sites on Carbon Dots and Their Interaction with Metal Ions by a Potentiometric Titration Method. <i>Analytical Chemistry</i> , 2019, 91, 9690-9697.	6.5	19
9	Atmospheric-pressure microplasma as anode for rapid and simple electrochemical deposition of copper and cuprous oxide nanostructures. <i>RSC Advances</i> , 2015, 5, 62619-62623.	3.6	13
10	Microplasma Anode Meeting Molten Salt Electrochemistry: Charge Transfer and Atomic Emission Spectral Analysis. <i>Analytical Chemistry</i> , 2018, 90, 13163-13166.	6.5	6
11	Structural design of metal catalysts based on ZIFs: From nanoscale to atomic level. <i>Nano Select</i> , 2021, 2, 1902-1925.	3.7	6
12	Metal-enhanced fluorescence of graphene oxide sheets. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3625-3630.	3.7	3