

# Jie Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9178213/publications.pdf>

Version: 2024-02-01

11  
papers

650  
citations

932766

10  
h-index

1199166

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1202  
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the structure–performance relationships of mesoporous materials in analytical science. <i>Chemical Society Reviews</i> , 2018, 47, 8766-8803.	18.7	136
2	Bioinspired extracellular vesicles embedded with black phosphorus for molecular recognition-guided biomineralization. <i>Nature Communications</i> , 2019, 10, 2829.	5.8	123
3	Photon-Responsive Antibacterial Nanoplatform for Synergistic Photothermal-/Pharmaco-Therapy of Skin Infection. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 300-310.	4.0	123
4	An Ultrasensitive Diagnostic Biochip Based on Biomimetic Periodic Nanostructure-Assisted Rolling Circle Amplification. <i>ACS Nano</i> , 2018, 12, 6777-6783.	7.3	66
5	Highly Sensitive Detection of Bladder Cancer-Related miRNA in Urine Using Time-Gated Luminescent Biochip. <i>ACS Sensors</i> , 2019, 4, 2124-2130.	4.0	55
6	Emerging Biomimetic Applications of DNA Nanotechnology. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13859-13873.	4.0	43
7	Direct Observation of Nanoparticles within Cells at Subcellular Levels by Super-Resolution Fluorescence Imaging. <i>Analytical Chemistry</i> , 2019, 91, 5747-5752.	3.2	30
8	Dual-Aptamer-Conjugated Molecular Modulator for Detecting Bioactive Metal Ions and Inhibiting Metal-Mediated Protein Aggregation. <i>Analytical Chemistry</i> , 2019, 91, 823-829.	3.2	25
9	Enhancement of long-lived luminescence in nanophosphors by surface defect passivation. <i>Chemical Communications</i> , 2020, 56, 6660-6663.	2.2	23
10	Redefining Molecular Amphipathicity in Reversing the “Coffee-Ring Effect”: Implications for Single Base Mutation Detection. <i>Langmuir</i> , 2018, 34, 6777-6783.	1.6	16
11	Facile Synthesis of Luminous Nanoparticles with Tunable Size and Long-Lived Luminescence for Lifetime-Based Biosensing. <i>Crystal Growth and Design</i> , 2019, 19, 2322-2328.	1.4	9