

# Xiaojing Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

495  
citations

687363

13  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

786  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA-Encoded Tuning of Geometric and Plasmonic Properties of Nanoparticles Growing from Gold Nanorod Seeds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8114-8118.	13.8	109
2	Gold Nanorods Electrostatically Binding Nucleic Acid Probe for In Vivo MicroRNA Amplified Detection and Photoacoustic Imaging-Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1800490.	14.9	100
3	Noninvasive and Spatiotemporal Control of DNAzyme-Based Imaging of Metal Ions <i>in Vivo</i> Using High-Intensity Focused Ultrasound. <i>Journal of the American Chemical Society</i> , 2022, 144, 5812-5819.	13.7	46
4	Enzyme-Controlled Intracellular Self-Assembly of $18^{\text{F}}$ Nanoparticles for Enhanced MicroPET Imaging of Tumor. <i>Theranostics</i> , 2015, 5, 1058-1067.	10.0	44
5	A fluorescent switch for sequentially and selectively sensing copper(II) and histidine in vitro and in living cells. <i>Analyst</i> , 2014, 139, 3360-3364.	3.5	31
6	Label-Free Digital Detection of Intact Virions by Enhanced Scattering Microscopy. <i>Journal of the American Chemical Society</i> , 2022, 144, 1498-1502.	13.7	26
7	Accelerated Digital Biodetection Using Magneto-plasmonic Nanoparticle-Coupled Photonic Resonator Absorption Microscopy. <i>ACS Nano</i> , 2022, 16, 2345-2354.	14.6	19
8	Robust Fuel Catalyzed DNA Molecular Machine for in Vivo MicroRNA Detection. <i>Advanced Biology</i> , 2017, 1, 1700060.	3.0	18
9	DNA-Encoded Tuning of Geometric and Plasmonic Properties of Nanoparticles Growing from Gold Nanorod Seeds. <i>Angewandte Chemie</i> , 2015, 127, 8232-8236.	2.0	17
10	Microscopies Enabled by Photonic Metamaterials. <i>Sensors</i> , 2022, 22, 1086.	3.8	16
11	Investigation of the Mechanisms of Palladium-Catalyzed C-H Acetoxylation and Methoxylation by Electrospray Ionization Mass Spectrometry. <i>Organometallics</i> , 2013, 32, 3780-3783.	2.3	15
12	Contribution of gold nanoparticles to the catalytic DNA strand displacement in leakage reduction and signal amplification. <i>Chemical Communications</i> , 2017, 53, 10950-10953.	4.1	15
13	New method for effectively and quantitatively labeling cysteine residues on chicken eggshell membrane. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8082.	2.8	13
14	DNA photonic nanowires with tunable FRET signals on the basis of toehold-mediated DNA strand displacement reactions. <i>Nanoscale</i> , 2017, 9, 2981-2985.	5.6	12
15	Digital-resolution and highly sensitive detection of multiple exosomal small RNAs by DNA toehold probe-based photonic resonator absorption microscopy. <i>Talanta</i> , 2022, 241, 123256.	5.5	12
16	A Triode-like Enzyme-free Catalytic Circuit with Junction Fuel. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 261-267.	2.6	2
17	Engineering chemical reaction modules via programming the assembly of DNA hairpins. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2297-2301.	5.8	0