

# Jiawei Liu

## List of Publications by Year in descending order

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44  
papers

1,806  
citations

257101

24  
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276539

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docs citations

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times ranked

2011  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembled Single-Site Nanozyme for Tumor-Specific Amplified Cascade Enzymatic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3001-3007.	7.2	156
2	An Ultrasmall SnFe <sub>2</sub> O <sub>4</sub> Nanozyme with Endogenous Oxygen Generation and Glutathione Depletion for Synergistic Cancer Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2006216.	7.8	154
3	A Fluorescent Metal-Organic Framework for Food Real-Time Visual Monitoring. <i>Advanced Materials</i> , 2021, 33, e2008020.	11.1	139
4	Circularly Polarized Organic Room Temperature Phosphorescence from Amorphous Copolymers. <i>Journal of the American Chemical Society</i> , 2021, 143, 18527-18535.	6.6	132
5	Ultrasmall Alloy Nanozyme for Ultrasound- and Near-Infrared Light-Promoted Tumor Ablation. <i>ACS Nano</i> , 2021, 15, 7774-7782.	7.3	111
6	Linkage Engineering by Harnessing Supramolecular Interactions to Fabricate 2D Hydrazone-Linked Covalent Organic Framework Platforms toward Advanced Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 18138-18149.	6.6	99
7	Microbial synthesis of highly dispersed PdAu alloy for enhanced electrocatalysis. <i>Science Advances</i> , 2016, 2, e1600858.	4.7	85
8	Metal-Organic Framework Derived Multicomponent Nanoagent as a Reactive Oxygen Species Amplifier for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2020, 14, 13500-13511.	7.3	75
9	Synthesis of functionalized 3D porous graphene using both ionic liquid and SiO <sub>2</sub> spheres as spacers for high-performance application in supercapacitors. <i>Nanoscale</i> , 2015, 7, 659-669.	2.8	53
10	Enzymatic biosensor of horseradish peroxidase immobilized on Au-Pt nanotube/Au-graphene for the simultaneous determination of antioxidants. <i>Analytica Chimica Acta</i> , 2016, 933, 89-96.	2.6	52
11	Clean Synthesis of an Economical 3D Nanochain Network of PdCu Alloy with Enhanced Electrocatalytic Performance towards Ethanol Oxidation. <i>Chemistry - A European Journal</i> , 2015, 21, 17779-17785.	1.7	50
12	Platinum Dendritic-Flowers Prepared by Tellurium Nanowires Exhibit High Electrocatalytic Activity for Glycerol Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 17725-17730.	4.0	50
13	Quantum dots decorated gold nanorod as fluorescent-plasmonic dual-modal contrasts agent for cancer imaging. <i>Biosensors and Bioelectronics</i> , 2015, 74, 16-23.	5.3	50
14	Regulating the oxidation degree of nickel foam: a smart strategy to controllably synthesize active Ni <sub>3</sub> S <sub>2</sub> nanorod/nanowire arrays for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8029-8040.	5.2	48
15	Precise Chemodynamic Therapy of Cancer by Trifunctional Bacterium-Based Nanozymes. <i>ACS Nano</i> , 2021, 15, 19321-19333.	7.3	47
16	Dual Gate-Controlled Therapeutics for Overcoming Bacterium-Induced Drug Resistance and Potentiating Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14013-14021.	7.2	42
17	One-step and DNA amplification-free detection of <i>Listeria monocytogenes</i> in ham samples: Combining magnetic relaxation switching and DNA hybridization reaction. <i>Food Chemistry</i> , 2021, 338, 127837.	4.2	38
18	Long-Lived Room Temperature Phosphorescence Crystals with Green Light Excitation. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 15706-15715.	4.0	36

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19	Facile preparation of antibacterial MOF-fabric systems for functional protective wearables. <i>SmartMat</i> , 2021, 2, 567-578.	6.4	32
20	Controlled Synthesis of Au-Island-Covered Pd Nanotubes with Abundant Heterojunction Interfaces for Enhanced Electrooxidation of Alcohol. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 12792-12797.	4.0	30
21	Self-Assembled Single-Site Nanozyme for Tumor-Specific Amplified Cascade Enzymatic Therapy. <i>Angewandte Chemie</i> , 2021, 133, 3038-3044.	1.6	30
22	Spiny-porous platinum nanotubes with enhanced electrocatalytic activity for methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1388-1391.	5.2	29
23	Missing-Linker-Assisted Artesunate Delivery by Metal-Organic Frameworks for Synergistic Cancer Treatment. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26254-26259.	7.2	28
24	Bacteria Inspired Internal Standard SERS Substrate for Quantitative Detection. <i>ACS Applied Bio Materials</i> , 2021, 4, 2009-2019.	2.3	24
25	Directing the Architecture of Surface-Clean Cu <sub>2</sub> O for CO Electroreduction. <i>Journal of the American Chemical Society</i> , 2022, 144, 12410-12420.	6.6	24
26	Enhancement of Monascus yellow pigments production by activating the cAMP signalling pathway in <i>Monascus purpureus</i> HJ11. <i>Microbial Cell Factories</i> , 2020, 19, 224.	1.9	23
27	Versatile Biosensing Toolkit Using an Electronic Particle Counter. <i>Analytical Chemistry</i> , 2021, 93, 6178-6187.	3.2	20
28	Nickel-Ion-Oriented Fabrication of Spiny PtCu Alloy Octahedral Nanoframes with Enhanced Electrocatalytic Performance. <i>ACS Applied Energy Materials</i> , 2019, 2, 2862-2869.	2.5	19
29	Carbene-Catalyzed Enantioselective Aldol Reaction: Post-Aldol Stereochemistry Control and Formation of Quaternary Stereogenic Centers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 159-165.	7.2	15
30	Tumor Microenvironment Activated Chemodynamic-Photodynamic Therapy by Multistage Self-Assembly Engineered Protein Nanomedicine. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	15
31	Hybrid Carbon Dot Assembly as a Reactive Oxygen Species Nanogenerator for Ultrasound-Assisted Tumor Ablation. <i>Jacs Au</i> , 2021, 1, 2328-2338.	3.6	14
32	Universal chitosan-assisted synthesis of Ag-including heterostructured nanocrystals for label-free in situ SERS monitoring. <i>Nanoscale</i> , 2015, 7, 18878-18882.	2.8	13
33	Facile Synthesis of Quasi-One-Dimensional Au/PtAu Heterojunction Nanotubes and Their Application as Catalysts in an Oxygen-Reduction Reaction. <i>Chemistry - A European Journal</i> , 2015, 21, 7556-7561.	1.7	12
34	Graphene Oxide as a Stabilizer for "Clean" Synthesis of High-Performance Pd-Based Nanotubes Electrocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5191-5199.	3.2	11
35	Pd@Pt Core-Shell Nanodots Arrays for Efficient Electrocatalytic Oxygen Reduction. <i>ACS Applied Nano Materials</i> , 2019, 2, 3695-3700.	2.4	9
36	DNA enzyme mediated ratiometric fluorescence assay for Pb(II) ion using magnetic nanosphere-loaded gold nanoparticles and CdSe/ZnS quantum dots. <i>Mikrochimica Acta</i> , 2020, 187, 273.	2.5	7

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37	A New Type of Capping Agent in Nanoscience: Metal Cations. <i>Small</i> , 2019, 15, 1900444.	5.2	6
38	Biogenic Hybrid Nanosheets Activated Photothermal Therapy and Promoted Anti-PD-L1 Efficacy for Synergetic Antitumor Strategy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 29122-29132.	4.0	6
39	ZIF-8 Nanoparticles for Facile Processing into Useful Fabric Composites. <i>ACS Applied Nano Materials</i> , 2021, 4, 6562-6567.	2.4	6
40	One-Dimensional Helical Aggregates Organized from Achiral Imine-Based Polymers. , 2022, 4, 715-723.		6
41	Dual Gateâ€Controlled Therapeutics for Overcoming Bacteriumâ€Induced Drug Resistance and Potentiating Cancer Immunotherapy. <i>Angewandte Chemie</i> , 2021, 133, 14132-14140.	1.6	4
42	Carbeneâ€Catalyzed Enantioselective Aldol Reaction: Postâ€Aldol Stereochemistry Control and Formation of Quaternary Stereogenic Centers. <i>Angewandte Chemie</i> , 2021, 133, 161-167.	1.6	3
43	Missingâ€Linkerâ€Assisted Artesunate Delivery by Metalâ€Organic Frameworks for Synergistic Cancer Treatment. <i>Angewandte Chemie</i> , 0, , .	1.6	2
44	Efficient Nobleâ€Metalâ€Free Catalysts Supported by Threeâ€Dimensional Ordered Hierarchical Porous Carbon. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2513-2519.	1.7	1