

Jiawei Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

832
citations

17
h-index

28
g-index

44
ext. papers

1,311
ext. citations

10.6
avg, IF

4.61
L-index

#	Paper	IF	Citations
41	One-Dimensional Helical Aggregates Organized from Achiral Imine-Based Polymers 2022 , 4, 715-723		1
40	Hybrid Carbon Dot Assembly as a Reactive Oxygen Species Nanogenerator for Ultrasound-Assisted Tumor Ablation.. <i>Jacs Au</i> , 2021 , 1, 2328-2338		2
39	Precise Chemodynamic Therapy of Cancer by Trifunctional Bacterium-Based Nanozymes. <i>ACS Nano</i> , 2021 ,	16.7	7
38	Circularly Polarized Organic Room Temperature Phosphorescence from Amorphous Copolymers. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18527-18535	16.4	17
37	A Fluorescent Metal-Organic Framework for Food Real-Time Visual Monitoring. <i>Advanced Materials</i> , 2021 , 33, e2008020	24	31
36	Versatile Biosensing Toolkit Using an Electronic Particle Counter. <i>Analytical Chemistry</i> , 2021 , 93, 6178-6188	18.8	5
35	Ultrasmall Alloy Nanozyme for Ultrasound- and Near-Infrared Light-Promoted Tumor Ablation. <i>ACS Nano</i> , 2021 , 15, 7774-7782	16.7	42
34	Dual Gate-Controlled Therapeutics for Overcoming Bacterium-Induced Drug Resistance and Potentiating Cancer Immunotherapy. <i>Angewandte Chemie</i> , 2021 , 133, 14132-14140	3.6	2
33	Dual Gate-Controlled Therapeutics for Overcoming Bacterium-Induced Drug Resistance and Potentiating Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14013-14021	16.4	10
32	ZIF-8 Nanoparticles for Facile Processing into Useful Fabric Composites. <i>ACS Applied Nano Materials</i> , 2021 , 4, 6562-6567	5.6	0
31	Bacteria Inspired Internal Standard SERS Substrate for Quantitative Detection.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2009-2019	4.1	15
30	Self-Assembled Single-Site Nanozyme for Tumor-Specific Amplified Cascade Enzymatic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3001-3007	16.4	67
29	An Ultrasmall SnFe ₂ O ₄ Nanozyme with Endogenous Oxygen Generation and Glutathione Depletion for Synergistic Cancer Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2006216	15.6	59
28	Carbene-Catalyzed Enantioselective Aldol Reaction: Post-Aldol Stereochemistry Control and Formation of Quaternary Stereogenic Centers. <i>Angewandte Chemie</i> , 2021 , 133, 161-167	3.6	1
27	Self-Assembled Single-Site Nanozyme for Tumor-Specific Amplified Cascade Enzymatic Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 3038-3044	3.6	12
26	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	8.5	18
25	Carbene-Catalyzed Enantioselective Aldol Reaction: Post-Aldol Stereochemistry Control and Formation of Quaternary Stereogenic Centers. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 159-163	16.4	3

24	Missing-Linker-Assisted Artesunate Delivery by Metal-Organic Frameworks for Synergistic Cancer Treatment. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26254-26259	16.4	2
23	Enhancement of <i>Monascus</i> yellow pigments production by activating the cAMP signalling pathway in <i>Monascus purpureus</i> HJ11. <i>Microbial Cell Factories</i> , 2020 , 19, 224	6.4	8
22	Biogenic Hybrid Nanosheets Activated Photothermal Therapy and Promoted Anti-PD-L1 Efficacy for Synergetic Antitumor Strategy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 29122-29132	9.5	5
21	Efficient Noble-Metal-Free Catalysts Supported by Three-Dimensional Ordered Hierarchical Porous Carbon. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 2513-2519	4.5	
20	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	16.4	44
19	Metal-Organic Framework Derived Multicomponent Nanoagent as a Reactive Oxygen Species Amplifier for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2020 , 14, 13500-13511	16.7	40
18	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	5.8	3
17	Pd@Pt Core-Shell Nanodots Arrays for Efficient Electrocatalytic Oxygen Reduction. <i>ACS Applied Nano Materials</i> , 2019 , 2, 3695-3700	5.6	6
16	Nickel-Ion-Oriented Fabrication of Spiny PtCu Alloy Octahedral Nanoframes with Enhanced Electrocatalytic Performance. <i>ACS Applied Energy Materials</i> , 2019 , 2, 2862-2869	6.1	13
15	A New Type of Capping Agent in Nanoscience: Metal Cations. <i>Small</i> , 2019 , 15, e1900444	11	4
14	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	8.3	11
13	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	6.6	32
12	Microbial synthesis of highly dispersed PdAu alloy for enhanced electrocatalysis. <i>Science Advances</i> , 2016 , 2, e1600858	14.3	65
11	Regulating the oxidation degree of nickel foam: a smart strategy to controllably synthesize active Ni ₃ S ₂ nanorod/nanowire arrays for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8029-8040	13	42
10	Controlled Synthesis of Au-Island-Covered Pd Nanotubes with Abundant Heterojunction Interfaces for Enhanced Electrooxidation of Alcohol. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 12792-7	9.5	25
9	Platinum Dendritic-Flowers Prepared by Tellurium Nanowires Exhibit High Electrocatalytic Activity for Glycerol Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 17725-30	9.5	42
8	Quantum dots decorated gold nanorod as fluorescent-plasmonic dual-modal contrasts agent for cancer imaging. <i>Biosensors and Bioelectronics</i> , 2015 , 74, 16-23	11.8	46
7	Universal chitosan-assisted synthesis of Ag-including heterostructured nanocrystals for label-free in situ SERS monitoring. <i>Nanoscale</i> , 2015 , 7, 18878-82	7.7	9

6	Spiny-porous platinum nanotubes with enhanced electrocatalytic activity for methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1388-1391	13	25
5	Synthesis of functionalized 3D porous graphene using both ionic liquid and SiO ₂ spheres as "spacers" for high-performance application in supercapacitors. <i>Nanoscale</i> , 2015 , 7, 659-69	7-7	48
4	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, 7556-61	4-8	11
3	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, 17774-85	4-8	43
2	Tumor Microenvironment Activated Chemodynamic/Photodynamic Therapy by Multistage Self-Assembly Engineered Protein Nanomedicine. <i>Advanced Functional Materials</i> , 2112251	15-6	2
1	Facile preparation of antibacterial MOF-fabric systems for functional protective wearables. <i>SmartMat</i> ,	22-8	7