

# Zhicheng Jin

## List of Publications by Year in descending order

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35  
papers

934  
citations

516710

16  
h-index

454955

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasml gold nanorod-polydopamine hybrids for enhanced photoacoustic imaging and photothermal therapy in second near-infrared window. <i>Nanotheranostics</i> , 2022, 6, 79-90.	5.2	19
2	A fiber optic photoacoustic sensor for real-time heparin monitoring. <i>Biosensors and Bioelectronics</i> , 2022, 196, 113692.	10.1	9
3	Hyperbranched Molecularly Imprinted Photoactive Polymers and Its Detection of Tetracycline Antibiotics. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1234-1242.	4.4	5
4	A Dual-Color Fluorescent Probe Allows Simultaneous Imaging of Main and Papain-Like Proteases of SARS-CoV-2-Infected Cells for Accurate Detection and Rapid Inhibitor Screening. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
5	Peptidic Sulfhydryl for Interfacing Nanocrystals and Subsequent Sensing of SARS-CoV-2 Protease. <i>Chemistry of Materials</i> , 2022, 34, 1259-1268.	6.7	16
6	A Charge-Switchable Zwitterionic Peptide for Rapid Detection of SARS-CoV-2 Main Protease. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	1
7	A Charge-Switchable Zwitterionic Peptide for Rapid Detection of SARS-CoV-2 Main Protease. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	54
8	A Dual-Color Fluorescent Probe Allows Simultaneous Imaging of Main and Papain-Like Proteases of SARS-CoV-2-Infected Cells for Accurate Detection and Rapid Inhibitor Screening. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	29
9	One-Step Supramolecular Multifunctional Coating on Plant Virus Nanoparticles for Bioimaging and Therapeutic Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 13692-13702.	8.0	21
10	N-Heterocyclic carbene-stabilized gold nanoparticles and luminescent quantum dots. , 2022, , .		1
11	Peptide-Induced Fractal Assembly of Silver Nanoparticles for Visual Detection of Disease Biomarkers. <i>ACS Nano</i> , 2022, 16, 6165-6175.	14.6	25
12	Enhanced Photoacoustic Detection of Heparin in Whole Blood via Melanin Nanocapsules Carrying Molecular Agents. <i>ACS Nano</i> , 2022, 16, 683-693.	14.6	19
13	A study of plasmon-driven catalytic 4-NBT to DMAB in the dry film by using spatial Raman mapping spectroscopy. <i>Nano Research</i> , 2022, 15, 6062-6066.	10.4	11
14	Mapping Aerosolized Saliva on Face Coverings for Biosensing Applications. <i>Analytical Chemistry</i> , 2021, 93, 11025-11032.	6.5	18
15	The Application of Organic Nanomaterials for Bioimaging, Drug Delivery, and Therapy: Spanning Various Domains. <i>IEEE Nanotechnology Magazine</i> , 2021, 15, 8-28.	1.3	16
16	Modulation of Gold Nanorod Growth via the Proteolysis of Dithiol Peptides for Enzymatic Biomarker Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 45236-45243.	8.0	15
17	Versatile Polymer Nanocapsules via Redox Competition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26357-26362.	13.8	15
18	N-Heterocyclic Carbene-Stabilized Gold Nanoparticles: Mono- Versus Multidentate Ligands. <i>Chemistry of Materials</i> , 2021, 33, 921-933.	6.7	24

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19	Luminescent Quantum Dots Stabilized by N-Heterocyclic Carbene Polymer Ligands. <i>Journal of the American Chemical Society</i> , 2021, 143, 1873-1884.	13.7	26
20	Rapid Photoligation of Gold Nanocolloids with Lipoic Acid-Based Ligands. <i>Chemistry of Materials</i> , 2020, 32, 7469-7483.	6.7	26
21	Characterizing the Brownian Diffusion of Nanocolloids and Molecular Solutions: Diffusion-Ordered NMR Spectroscopy vs Dynamic Light Scattering. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4631-4650.	2.6	25
22	Enhanced Stabilization and Easy Phase Transfer of CsPbBr <sub>3</sub> Perovskite Quantum Dots Promoted by High-Affinity Polyzwitterionic Ligands. <i>Journal of the American Chemical Society</i> , 2020, 142, 12669-12680.	13.7	109
23	Lipoic acid as anchoring groups and reactive sites on nanoparticles coated with multi-coordinating polymers. , 2020, , .		1
24	The dual function of lipoic acid groups as surface anchors and sulfhydryl reactive sites on polymer-stabilized QDs and Au nanocolloids. <i>Journal of Chemical Physics</i> , 2019, 151, 164703.	3.0	15
25	Highly fluorescent hybrid Au/Ag nanoclusters stabilized with poly(ethylene glycol)- and zwitterion-modified thiolate ligands. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 21317-21328.	2.8	14
26	Delayed Photoluminescence in Metal-Conjugated Fluorophores. <i>Journal of the American Chemical Society</i> , 2019, 141, 11286-11297.	13.7	26
27	Modification of Poly(maleic anhydride)-Based Polymers with H <sub>2</sub> N-R Nucleophiles: Addition or Substitution Reaction?. <i>Bioconjugate Chemistry</i> , 2019, 30, 871-880.	3.6	45
28	Photochemical transformation of lipoic acid-based ligands: probing the effects of solvent, ligand structure, oxygen and pH. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3895-3902.	2.8	15
29	A Versatile Coordinating Ligand for Coating Semiconductor, Metal, and Metal Oxide Nanocrystals. <i>Chemistry of Materials</i> , 2018, 30, 7269-7279.	6.7	26
30	Competition of Charge and Energy Transfer Processes in Donor-Acceptor Fluorescence Pairs: Calibrating the Spectroscopic Ruler. <i>ACS Nano</i> , 2018, 12, 5657-5665.	14.6	38
31	Hydrodechlorination and further hydrogenation of 4-chlorophenol to cyclohexanone in water over Pd nanoparticles modified N-doped mesoporous carbon microspheres. <i>Chemical Engineering Journal</i> , 2015, 270, 215-222.	12.7	64
32	Suzuki-Miyaura cross-coupling reactions catalyzed by efficient and recyclable Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @mSiO <sub>2</sub> -Pd(II) catalyst. <i>Catalysis Communications</i> , 2014, 53, 47-52.	3.3	50
33	Palladium nanoparticles immobilized on core-shell magnetic fibers as a highly efficient and recyclable heterogeneous catalyst for the reduction of 4-nitrophenol and Suzuki coupling reactions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19696-19706.	10.3	146
34	N-Heterocyclic Carbene-stabilized QDs and Gold Nanoparticles: Effects of the Ligand Coordination. , 0, , .		0
35	Versatile Polymer Nanocapsules via Redox Competition. <i>Angewandte Chemie</i> , 0, , .	2.0	4