

# Zhongliang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

3,808  
citations

147786  
31  
h-index

138468  
58  
g-index

62  
all docs

62  
docs citations

62  
times ranked

6161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Erythrocyte Membrane Camouflaged Metal-Organic Framework Nanodrugs for Remodeled Tumor Microenvironment and Enhanced Tumor Chemotherapy. <i>Advanced Functional Materials</i> , 2022, 32, 2107791.	14.9	39
2	A metabolic acidity-activatable calcium phosphate probe with fluorescence signal amplification capabilities for non-invasive imaging of tumor malignancy. <i>Science Bulletin</i> , 2022, 67, 288-298.	9.0	11
3	Self-sufficient copper peroxide loaded pKa-tunable nanoparticles for lysosome-mediated chemodynamic therapy. <i>Nano Today</i> , 2022, 42, 101337.	11.9	41
4	GPR125 positively regulates osteoclastogenesis potentially through AKT-NF- $\kappa$ B and MAPK signaling pathways. <i>International Journal of Biological Sciences</i> , 2022, 18, 2392-2405.	6.4	7
5	A Potent Strategy of Combinational Blow Toward Enhanced Cancer Chemo-Photodynamic Therapy via Sustainable GSH Elimination. <i>Small</i> , 2022, 18, e2106100.	10.0	18
6	Bioorthogonally activatable cyanine dye with torsion-induced disaggregation for in vivo tumor imaging. <i>Nature Communications</i> , 2022, 13, .	12.8	27
7	Liposome trade-off strategy in mitochondria-targeted NIR-cyanine: balancing blood circulation and cell retention for enhanced anti-tumor phototherapy in vivo. <i>Nano Research</i> , 2021, 14, 2432-2440.	10.4	14
8	Harnessing Hypoxia-Dependent Cyanine Photocages for In Vivo Precision Drug Release. <i>Angewandte Chemie</i> , 2021, 133, 9639-9647.	2.0	3
9	Harnessing Hypoxia-Dependent Cyanine Photocages for In Vivo Precision Drug Release. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9553-9561.	13.8	28
10	Development and Validation of a Nomogram for Preoperative Prediction of Lymph Node Metastasis in Lung Adenocarcinoma Based on Radiomics Signature and Deep Learning Signature. <i>Frontiers in Oncology</i> , 2021, 11, 585942.	2.8	20
11	Recent progress in drug delivery and cancer theranostic built from metal-organic framework. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 042011.	3.3	10
12	Estimating dynamic vascular perfusion based on Er-based lanthanide nanoprobe with enhanced down-conversion emission beyond 1500 nm. <i>Theranostics</i> , 2021, 11, 9859-9872.	10.0	6
13	Controllable Coumarin-Based NIR Fluorophores: Selective Subcellular Imaging, Cell Membrane Potential Indication, and Enhanced Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 2076-2086.	8.0	37
14	Calming the Cytokine Storm in Pneumonia by Biomimetic Nanoparticles. <i>Matter</i> , 2020, 3, 18-20.	10.0	11
15	Engineering Macrophages for Cancer Immunotherapy and Drug Delivery. <i>Advanced Materials</i> , 2020, 32, e2002054.	21.0	464
16	Innenr¼cktitelbild: Rabies Virus-Inspired Metal-Organic Frameworks (MOFs) for Targeted Imaging and Chemotherapy of Glioma ( <i>Angew. Chem.</i> 39/2020). <i>Angewandte Chemie</i> , 2020, 132, 17455-17455.	2.0	0
17	Acid-Induced In Vivo Assembly of Gold Nanoparticles for Enhanced Photoacoustic Imaging-Guided Photothermal Therapy of Tumors. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000394.	7.6	44
18	Rabies Virus-Inspired Metal-Organic Frameworks (MOFs) for Targeted Imaging and Chemotherapy of Glioma. <i>Angewandte Chemie</i> , 2020, 132, 17130-17136.	2.0	7

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19	Rabies Virus-Inspired Metal-Organic Frameworks (MOFs) for Targeted Imaging and Chemotherapy of Glioma. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16982-16988.	13.8	53
20	An activatable liposomal fluorescence probe based on fluorescence resonance energy transfer and aggregation induced emission effect for sensitive tumor imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110789.	5.0	5
21	A pH ratiometrically responsive surface enhanced resonance Raman scattering probe for tumor acidic margin delineation and image-guided surgery. <i>Chemical Science</i> , 2020, 11, 4397-4402.	7.4	25
22	RNA-silencing nanoprobe for effective activation and dynamic imaging of neural stem cell differentiation. <i>Theranostics</i> , 2019, 9, 5386-5395.	10.0	6
23	Highly Stable and Long-Circulating Metal-Organic Framework Nanoprobe for Sensitive Tumor Detection In Vivo. <i>Advanced Healthcare Materials</i> , 2019, 8, 1900761.	7.6	22
24	Liposome-based probes for molecular imaging: from basic research to the bedside. <i>Nanoscale</i> , 2019, 11, 5822-5838.	5.6	55
25	Toxic Reactive Oxygen Species Enhanced Synergistic Combination Therapy by Self-Assembled Metal-Phenolic Network Nanoparticles. <i>Advanced Materials</i> , 2018, 30, 1704877.	21.0	311
26	Hypochlorous Acid Promoted Platinum Drug Chemotherapy by Myeloperoxidase-Encapsulated Therapeutic Metal Phenolic Nanoparticles. <i>ACS Nano</i> , 2018, 12, 455-463.	14.6	134
27	Development of functionalized gold nanoparticles as nanoflare probes for rapid detection of classical swine fever virus. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 110-114.	5.0	6
28	In Vivo and in Situ Activated Aggregation-Induced Emission Probes for Sensitive Tumor Imaging Using Tetraphenylethene-Functionalized Trimethincyanines-Encapsulated Liposomes. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25146-25153.	8.0	34
29	Multifunctional Molecular Beacon Micelles for Intracellular mRNA Imaging and Synergistic Therapy in Multidrug-Resistant Cancer Cells. <i>Advanced Functional Materials</i> , 2017, 27, 1701027.	14.9	45
30	Recent advances in high-performance fluorescent and bioluminescent RNA imaging probes. <i>Chemical Society Reviews</i> , 2017, 46, 2824-2843.	38.1	118
31	Core-Shell Gold Nanorod@Metal-Organic Framework Nanoprobe for Multimodality Diagnosis of Glioma. <i>Advanced Materials</i> , 2017, 29, 1604381.	21.0	177
32	Improved Tumor Targeting and Longer Retention Time of NIR Fluorescent Probes Using Bioorthogonal Chemistry. <i>Theranostics</i> , 2017, 7, 3794-3802.	10.0	34
33	Activation of mesenchymal stem cells by macrophages promotes tumor progression through immune suppressive effects. <i>Oncotarget</i> , 2016, 7, 20934-20944.	1.8	45
34	Increased precision of orthotopic and metastatic breast cancer surgery guided by matrix metalloproteinase-activatable near-infrared fluorescence probes. <i>Scientific Reports</i> , 2015, 5, 14197.	3.3	27
35	Smart MoS <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> Nanotheranostic for Magnetically Targeted Photothermal Therapy Guided by Magnetic Resonance/Photoacoustic Imaging. <i>Theranostics</i> , 2015, 5, 931-945.	10.0	234
36	In vivo nanoparticle-mediated radiopharmaceutical-excited fluorescence molecular imaging. <i>Nature Communications</i> , 2015, 6, 7560.	12.8	114

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37	Engineered Mesenchymal Stem Cells with Enhanced Tropism and Paracrine Secretion of Cytokines and Growth Factors to Treat Traumatic Brain Injury. <i>Stem Cells</i> , 2015, 33, 456-467.	3.2	74
38	Zoledronic acid prevents the tumor-promoting effects of mesenchymal stem cells via MCP-1 dependent recruitment of macrophages. <i>Oncotarget</i> , 2015, 6, 26018-26028.	1.8	30
39	Bioinspired Nanocomplex for Spatiotemporal Imaging of Sequential mRNA Expression in Differentiating Neural Stem Cells. <i>ACS Nano</i> , 2014, 8, 12386-12396.	14.6	27
40	Biomimetic RNA-silencing Nanocomplexes: Overcoming Multidrug Resistance in Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1997-2001.	13.8	55
41	Glucose Oxidase-Catalyzed Growth of Gold Nanoparticles Enables Quantitative Detection of Attomolar Cancer Biomarkers. <i>Analytical Chemistry</i> , 2014, 86, 5800-5806.	6.5	160
42	Self-Assembled Colloidal Superparticles from Nanorods. <i>Science</i> , 2012, 338, 358-363.	12.6	332
43	Shape-Controlled Synthesis of Colloidal Superparticles from Nanocubes. <i>Journal of the American Chemical Society</i> , 2012, 134, 18225-18228.	13.7	121
44	Nanoparticle-based artificial RNA silencing machinery for antiviral therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12387-12392.	7.1	63
45	One-Step Self-Assembly, Alignment, and Patterning of Organic Semiconductor Nanowires by Controlled Evaporation of Confined Microfluids. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2811-2815.	13.8	70
46	Chemically responsive luminescent switching in transparent flexible self-supporting [Eu <sub>10</sub> O <sub>36</sub> ] <sup>9+</sup> -agarose nanocomposite thin films. <i>Journal of Materials Chemistry</i> , 2010, 20, 271-277.	6.7	85
47	Transparent and flexible phosphomolybdate-agarose composite thin films with visible-light photochromism. <i>Journal of Materials Chemistry</i> , 2010, 20, 1107-1111.	6.7	47
48	Reversible Luminescent Switching in a [Eu(SiW <sub>10</sub> MoO <sub>39</sub> ) <sub>2</sub> ] <sup>13+</sup> -Agarose Composite Film by Photosensitive Intramolecular Energy Transfer. <i>Advanced Materials</i> , 2009, 21, 1737-1741.	21.0	85
49	Fabrication of self-assembled ultrathin photochromic films containing mixed-addenda polyoxometalates H <sub>5</sub> [PMo <sub>10</sub> V <sub>2</sub> O <sub>40</sub> ] and 1,10-decanediamine. <i>Journal of Solid State Chemistry</i> , 2009, 182, 983-988.	2.9	22
50	Effects of Photoinduced Electron Transfer on the Rational Design of Molecular Fluorescence Switch. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2594-2602.	3.1	26
51	Superhydrophobic pure silver surface with flower-like structures by a facile galvanic exchange reaction with [Ag(NH <sub>3</sub> ) <sub>2</sub> ]OH. <i>Chemical Communications</i> , 2008, , 2692.	4.1	35
52	A Novel Redox-Fluorescence Switch Based on a Triad Containing Ferrocene and Perylene Diimide Units. <i>Organic Letters</i> , 2008, 10, 3065-3068.	4.6	104
53	Intercalation and Photophysical Properties of the Tetra-(8-hydroxyquinolino) Boron Complex and 3,3',4,4'-Benzophenone Tetracarboxylic Anion into Mg <sup>2+</sup> /Al Layered Double Hydroxides. <i>Inorganic Chemistry</i> , 2006, 45, 4364-4371.	4.0	38
54	Synthesis and properties of Mg <sub>2</sub> Al layered double hydroxides containing 5-fluorouracil. <i>Journal of Solid State Chemistry</i> , 2005, 178, 736-741.	2.9	111

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55	Novel hydrogen-bonded three-dimensional network complexes containing copper-pyridine-2,6-dicarboxylic acid. <i>Journal of Coordination Chemistry</i> , 2004, 57, 1353-1359.	2.2	11
56	Synthesis and characterization of ultrathin multilayer films based on molybdenum polyoxometalate (Mo <sub>54</sub> ) <sub>n</sub> . <i>Journal of Colloid and Interface Science</i> , 2004, 274, 602-606.	9.4	8