Zhongliang Wang

List of Publications by Year
in descending order

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56	3,808	147801	138484
papers	citations	31 h-index	58 g-index

62	62	62	6161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering Macrophages for Cancer Immunotherapy and Drug Delivery. Advanced Materials, 2020, 32, e2002054.	21.0	464
2	Self-Assembled Colloidal Superparticles from Nanorods. Science, 2012, 338, 358-363.	12.6	332
3	Toxic Reactive Oxygen Species Enhanced Synergistic Combination Therapy by Selfâ€Assembled Metalâ€Phenolic Network Nanoparticles. Advanced Materials, 2018, 30, 1704877.	21.0	311
4	Smart MoS₂/Fe₃O₄ Nanotheranostic for Magnetically Targeted Photothermal Therapy Guided by Magnetic Resonance/Photoacoustic Imaging. Theranostics, 2015, 5, 931-945.	10.0	234
5	Coreâ€“Shell Gold Nanorod@Metalâ€“Organic Framework Nanoprobes for Multimodality Diagnosis of Glioma. Advanced Materials, 2017, 29, 1604381.	21.0	177
6	Glucose Oxidase-Catalyzed Growth of Gold Nanoparticles Enables Quantitative Detection of Attomolar Cancer Biomarkers. Analytical Chemistry, 2014, 86, 5800-5806.	6.5	160
7	Hypochlorous Acid Promoted Platinum Drug Chemotherapy by Myeloperoxidase-Encapsulated Therapeutic Metal Phenolic Nanoparticles. ACS Nano, 2018, 12, 455-463.	14.6	134
8	Shape-Controlled Synthesis of Colloidal Superparticles from Nanocubes. Journal of the American Chemical Society, 2012, 134, 18225-18228.	13.7	121
9	Recent advances in high-performance fluorescent and bioluminescent RNA imaging probes. Chemical Society Reviews, 2017, 46, 2824-2843.	38.1	118
10	In vivo nanoparticle-mediated radiopharmaceutical-excited fluorescence molecular imaging. Nature Communications, 2015, 6, 7560.	12.8	114
11	Synthesis and properties of Mg2Al layered double hydroxides containing 5-fluorouracil. Journal of Solid State Chemistry, 2005, 178, 736-741.	2.9	111
12	A Novel Redox-Fluorescence Switch Based on a Triad Containing Ferrocene and Perylene Diimide Units. Organic Letters, 2008, 10, 3065-3068.	4.6	104
13	Reversible Luminescent Switching in a [Eu(SiW₁₀MoO₃₉)₂]^{13â^'}â€Agarose Composite Film by Photosensitive Intramolecular Energy Transfer. Advanced Materials, 2009, 21, 1737-1741.	21.0	85
14	Chemically responsive luminescent switching in transparent flexible self-supporting [EuW₁₀O₃₆]^{9â^'}-agarose nanocomposite thin films. Journal of Materials Chemistry, 2010, 20, 271-277.	6.7	85
15	Engineered Mesenchymal Stem Cells with Enhanced Tropism and Paracrine Secretion of Cytokines and Growth Factors to Treat Traumatic Brain Injury. Stem Cells, 2015, 33, 456-467.	3.2	74
16	Oneâ€Step Selfâ€Assembly, Alignment, and Patterning of Organic Semiconductor Nanowires by Controlled Evaporation of Confined Microfluids. Angewandte Chemie - International Edition, 2011, 50, 2811-2815.	13.8	70
17	Nanoparticle-based artificial RNA silencing machinery for antiviral therapy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12387-12392.	7.1	63
18	Biomimetic RNAâ€Silencing Nanocomplexes: Overcoming Multidrug Resistance in Cancer Cells. Angewandte Chemie - International Edition, 2014, 53, 1997-2001.	13.8	55

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19	Liposome-based probes for molecular imaging: from basic research to the bedside. Nanoscale, 2019, 11, 5822-5838.	5.6	55
20	Rabies Virusâ€Inspired Metalâ€“Organic Frameworks (MOFs) for Targeted Imaging and Chemotherapy of Glioma. Angewandte Chemie - International Edition, 2020, 59, 16982-16988.	13.8	53
21	Transparent and flexible phosphomolybdateâ€“agarose composite thin films with visible-light photochromism. Journal of Materials Chemistry, 2010, 20, 1107-1111.	6.7	47
22	Multifunctional Molecular Beacon Micelles for Intracellular mRNA Imaging and Synergistic Therapy in Multidrugâ€Resistant Cancer Cells. Advanced Functional Materials, 2017, 27, 1701027.	14.9	45
23	Activation of mesenchymal stem cells by macrophages promotes tumor progression through immune suppressive effects. Oncotarget, 2016, 7, 20934-20944.	1.8	45
24	Acidâ€Induced In Vivo Assembly of Gold Nanoparticles for Enhanced Photoacoustic Imagingâ€Guided Photothermal Therapy of Tumors. Advanced Healthcare Materials, 2020, 9, e2000394.	7.6	44
25	Self-sufficient copper peroxide loaded pKa-tunable nanoparticles for lysosome-mediated chemodynamic therapy. Nano Today, 2022, 42, 101337.	11.9	41
26	Erythrocyte Membrane Camouflaged Metalâ€“Organic Framework Nanodrugs for Remodeled Tumor Microenvironment and Enhanced Tumor Chemotherapy. Advanced Functional Materials, 2022, 32, 2107791.	14.9	39
27	Intercalation and Photophysical Properties of the Tetra-(8-hydroxyquinolinato) Boron Complex and 3,3â€˜,4,4â€˜-Benzophenone Tetracarboxylic Anion into Mgâˆ’Al Layered Double Hydroxides. Inorganic Chemistry, 2006, 45, 4364-4371.	4.0	38
28	Controllable Coumarin-Based NIR Fluorophores: Selective Subcellular Imaging, Cell Membrane Potential Indication, and Enhanced Photodynamic Therapy. ACS Applied Materials & Interfaces, 2020, 12, 2076-2086.	8.0	37
29	Superhydrophobic pure silver surface with flower-like structures by a facile galvanic exchange reaction with [Ag(NH3)2]OH. Chemical Communications, 2008, , 2692.	4.1	35
30	Improved Tumor Targeting and Longer Retention Time of NIR Fluorescent Probes Using Bioorthogonal Chemistry. Theranostics, 2017, 7, 3794-3802.	10.0	34
31	In Vivo and in Situ Activated Aggregation-Induced Emission Probes for Sensitive Tumor Imaging Using Tetraphenylethene-Functionalized Trimethincyanines-Encapsulated Liposomes. ACS Applied Materials & Interfaces, 2018, 10, 25146-25153.	8.0	34
32	Zoledronic acid prevents the tumor-promoting effects of mesenchymal stem cells via MCP-1 dependent recruitment of macrophages. Oncotarget, 2015, 6, 26018-26028.	1.8	30
33	Harnessing Hypoxiaâ€Dependent Cyanine Photocages for Inâ€…Vivo Precision Drug Release. Angewandte Chemie - International Edition, 2021, 60, 9553-9561.	13.8	28
34	Bioinspired Nanocomplex for Spatiotemporal Imaging of Sequential mRNA Expression in Differentiating Neural Stem Cells. ACS Nano, 2014, 8, 12386-12396.	14.6	27
35	Increased precision of orthotopic and metastatic breast cancer surgery guided by matrix metalloproteinase-activatable near-infrared fluorescence probes. Scientific Reports, 2015, 5, 14197.	3.3	27
36	Bioorthogonally activatable cyanine dye with torsion-induced disaggregation for in vivo tumor imaging. Nature Communications, 2022, 13, .	12.8	27

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37	Effects of Photoinduced Electron Transfer on the Rational Design of Molecular Fluorescence Switch. Journal of Physical Chemistry C, 2009, 113, 2594-2602.	3.1	26
38	A pH ratiometrically responsive surface enhanced resonance Raman scattering probe for tumor acidic margin delineation and image-guided surgery. Chemical Science, 2020, 11, 4397-4402.	7.4	25
39	Fabrication of self-assembled ultrathin photochromic films containing mixed-addenda polyoxometalates H5[PMo10V2O40] and 1,10-decanediamine. Journal of Solid State Chemistry, 2009, 182, 983-988.	2.9	22
40	Highly Stable and Longâ€Circulating Metalâ€Organic Frameworks Nanoprobes for Sensitive Tumor Detection In Vivo. Advanced Healthcare Materials, 2019, 8, 1900761.	7.6	22
41	Development and Validation of a Nomogram for Preoperative Prediction of Lymph Node Metastasis in Lung Adenocarcinoma Based on Radiomics Signature and Deep Learning Signature. Frontiers in Oncology, 2021, 11, 585942.	2.8	20
42	A Potent Strategy of Combinational Blow Toward Enhanced Cancer Chemoâ€Photodynamic Therapy via Sustainable GSH Elimination. Small, 2022, 18, e2106100.	10.0	18
43	Liposome trade-off strategy in mitochondria-targeted NIR-cyanine: balancing blood circulation and cell retention for enhanced anti-tumor phototherapy in vivo. Nano Research, 2021, 14, 2432-2440.	10.4	14
44	Novel hydrogen-bonded three-dimensional network complexes containing copper-pyridine-2,6-dicarboxylic acid. Journal of Coordination Chemistry, 2004, 57, 1353-1359.	2.2	11
45	Calming the Cytokine Storm in Pneumonia by Biomimetic Nanoparticles. Matter, 2020, 3, 18-20.	10.0	11
46	A metabolic acidity-activatable calcium phosphate probe with fluorescence signal amplification capabilities for non-invasive imaging of tumor malignancy. Science Bulletin, 2022, 67, 288-298.	9.0	11
47	Recent progress in drug delivery and cancer theranostic built from metal-organic framework. Biomedical Materials (Bristol), 2021, 16, 042011.	3.3	10
48	Synthesis and characterization of ultrathin multilayer films based onÂmolybdenum polyoxometalate (Mo54)n. Journal of Colloid and Interface Science, 2004, 274, 602-606.	9.4	8
49	Rabies Virusâ€Inspired Metalâ€“Organic Frameworks (MOFs) for Targeted Imaging and Chemotherapy of Glioma. Angewandte Chemie, 2020, 132, 17130-17136.	2.0	7
50	GPR125 positively regulates osteoclastogenesis potentially through AKT-NF-ÎºB and MAPK signaling pathways. International Journal of Biological Sciences, 2022, 18, 2392-2405.	6.4	7
51	Development of functionalized gold nanoparticles as nanoflare probes for rapid detection of classical swine fever virus. Colloids and Surfaces B: Biointerfaces, 2018, 171, 110-114.	5.0	6
52	RNA-silencing nanoprobes for effective activation and dynamic imaging of neural stem cell differentiation. Theranostics, 2019, 9, 5386-5395.	10.0	6
53	Estimating dynamic vascular perfusion based on Er-based lanthanide nanoprobes with enhanced down-conversion emission beyond 1500 nm. Theranostics, 2021, 11, 9859-9872.	10.0	6
54	An activatable liposomal fluorescence probe based on fluorescence resonance energy transfer and aggregation induced emission effect for sensitive tumor imaging. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110789.	5.0	5

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55	Harnessing Hypoxiaâ€Dependent Cyanine Photocages for Inâ€...Vivo Precision Drug Release. Angewandte Chemie, 2021, 133, 9639-9647.	2.0	3
56	InnenrÃ¼cktitelbild: Rabies Virusâ€Inspired Metalâ€“Organic Frameworks (MOFs) for Targeted Imaging and Chemotherapy of Glioma (Angew. Chem. 39/2020). Angewandte Chemie, 2020, 132, 17455-17455.	2.0	0