

R Lei Wang

List of Publications by Year in descending order

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50
papers

2,745
citations

186209

28
h-index

189801

50
g-index

50
all docs

50
docs citations

50
times ranked

3774
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale metal-organic frameworks for drug delivery: a conventional platform with new promise. <i>Journal of Materials Chemistry B</i> , 2018, 6, 707-717.	2.9	413
2	Metal-Organic Framework@Porous Organic Polymer Nanocomposite for Photodynamic Therapy. <i>Chemistry of Materials</i> , 2017, 29, 2374-2381.	3.2	204
3	Nanoscale Polymer Metal-Organic Framework Hybrids for Effective Photothermal Therapy of Colon Cancers. <i>Advanced Materials</i> , 2016, 28, 9320-9325.	11.1	194
4	BODIPY-containing nanoscale metal-organic frameworks for photodynamic therapy. <i>Chemical Communications</i> , 2016, 52, 5402-5405.	2.2	160
5	Nanoscale Mixed-Component Metal-Organic Frameworks with Photosensitizer Spatial-Arrangement-Dependent Photochemistry for Multimodal-Imaging-Guided Photothermal Therapy. <i>Chemistry of Materials</i> , 2018, 30, 6867-6876.	3.2	122
6	Engineering Metal-Organic Frameworks for Photoacoustic Imaging-Guided Chemo-/Photothermal Combinational Tumor Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41035-41045.	4.0	104
7	Nanoparticles of Chlorin Dimer with Enhanced Absorbance for Photoacoustic Imaging and Phototherapy. <i>Advanced Functional Materials</i> , 2018, 28, 1706507.	7.8	96
8	Hypoxia-Triggered Nanoscale Metal-Organic Frameworks for Enhanced Anticancer Activity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24638-24647.	4.0	91
9	Endogenous Hydrogen Sulfide-Triggered MOF-Based Nanoenzyme for Synergic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30213-30220.	4.0	85
10	Integration of metal-organic framework with a photoactive porous-organic polymer for interface enhanced phototherapy. <i>Biomaterials</i> , 2020, 235, 119792.	5.7	78
11	Zirconium-Based Nanoscale Metal-Organic Framework/Poly(μ -caprolactone) Mixed-Matrix Membranes as Effective Antimicrobials. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 41512-41520.	4.0	77
12	BODIPY-containing nanoscale metal-organic frameworks as contrast agents for computed tomography. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2330-2336.	2.9	75
13	Tetraphenylethylene-based fluorescent coordination polymers for drug delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4263-4266.	2.9	64
14	Ionic Covalent-Organic Framework Nanozyme as Effective Cascade Catalyst against Bacterial Wound Infection. <i>Small</i> , 2021, 17, e2100756.	5.2	55
15	Two tetraphenylethylene-containing coordination polymers for reversible mechanochromism. <i>Chemical Communications</i> , 2017, 53, 7048-7051.	2.2	51
16	Polymer brushes on metal-organic frameworks by UV-induced photopolymerization. <i>Polymer Chemistry</i> , 2016, 7, 5828-5834.	1.9	49
17	Nanoscale Fluorescent Metal-Organic Framework@Microporous Organic Polymer Composites for Enhanced Intracellular Uptake and Bioimaging. <i>Chemistry - A European Journal</i> , 2017, 23, 1379-1385.	1.7	49
18	Nanoscale Melittin@Zeolitic Imidazolate Frameworks for Enhanced Anticancer Activity and Mechanism Analysis. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22974-22984.	4.0	49

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19	Dynamically controlled one-pot synthesis of heterogeneous core-shell MOF single crystals using guest molecules. <i>Chemical Communications</i> , 2014, 50, 11653-11656.	2.2	47
20	Syntheses, Structures, Luminescence, and Photocatalytic Properties of a Series of Uranyl Coordination Polymers. <i>Crystal Growth and Design</i> , 2014, 14, 5904-5911.	1.4	44
21	Metal-Organic Frameworks@Polymer Composites Containing Cyanines for Near-Infrared Fluorescence Imaging and Photothermal Tumor Therapy. <i>Bioconjugate Chemistry</i> , 2017, 28, 2784-2793.	1.8	42
22	Metal-Organic Frameworks for Photodynamic Therapy: Emerging Synergistic Cancer Therapy. <i>Biotechnology Journal</i> , 2021, 16, e1900382.	1.8	42
23	Stereochemically Dependent Synthesis of Two Cu(I) Cluster-Based Coordination Polymers with Thermochromic Luminescence. <i>Inorganic Chemistry</i> , 2017, 56, 13975-13981.	1.9	38
24	Facile synthesis of a metal-organic framework nanocarrier for NIR imaging-guided photothermal therapy. <i>Biomaterials Science</i> , 2018, 6, 2918-2924.	2.6	37
25	Cyclodextrin/Paclitaxel Dimer Assembling Vesicles: Reversible Morphology Transition and Cargo Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26740-26748.	4.0	35
26	Nanoscale Metal-Organic Framework-Hemoglobin Conjugates. <i>Chemistry - an Asian Journal</i> , 2016, 11, 750-756.	1.7	32
27	PEG-Induced Synthesis of Coordination-Polymer Isomers with Tunable Architectures and Iodine Capture. <i>Chemistry - an Asian Journal</i> , 2017, 12, 615-620.	1.7	32
28	Defect Engineering of Nanoscale Hf-Based Metal-Organic Frameworks for Highly Efficient Iodine Capture. <i>Inorganic Chemistry</i> , 2021, 60, 9848-9856.	1.9	31
29	A Nanosized {Ag@Ag ₁₂ } Molecular Windmill-Templated by Polyoxometalates Anions. <i>Inorganic Chemistry</i> , 2014, 53, 11584-11588.	1.9	30
30	Self-Assembly of Tunable Heterometallic Ln-Ru Coordination Polymers with Near-Infrared Luminescence and Magnetocaloric Effect. <i>Chemistry - A European Journal</i> , 2017, 23, 2852-2857.	1.7	26
31	A highly efficient metal-organic framework strategy for the synthesis of ternary Ln-Ru-W hybrids. <i>Chemical Communications</i> , 2013, 49, 7911.	2.2	24
32	(NH ₄) ₆ [Mn ₃ B ₆ P ₉ O ₃₆ (OH) ₃]·4H ₂ O: A new open-framework manganese borophosphate synthesized by using boric acid flux method. <i>Dalton Transactions</i> , 2011, 40, 2549.	1.6	22
33	Facile preparation of a tetraphenylethylene-doped metal-organic framework for white light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11701-11706.	2.7	22
34	Red fluorescent pyrazoline-BODIPY nanoparticles for ultrafast and long-term bioimaging. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 707-714.	1.5	21
35	Photoactive Metal-Organic Framework@Porous Organic Polymer Nanocomposites with pH-Triggered Type I Photodynamic Therapy. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000504.	1.9	19
36	Structural diversity of nanoscale zirconium porphyrin MOFs and their photoactivities and biological performances. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7760-7770.	2.9	17

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37	ACO-Zeotype Iron Aluminum Phosphates with Variable Al/Fe Ratios Controlled by F ⁺ Ions. <i>Inorganic Chemistry</i> , 2011, 50, 1820-1825.	1.9	16
38	Antigen-enabled facile preparation of MOF nanovaccine to activate the complement system for enhanced antigen-mediated immune response. <i>Biomaterials Science</i> , 2019, 7, 4022-4026.	2.6	16
39	Self-quenching synthesis of coordination polymer pre-drug nanoparticles for selective photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7776-7782.	2.9	16
40	Size-Tunable and Crystalline BODIPY Nanorods for Bioimaging. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1969-1975.	2.6	15
41	Metal-Organic Sheets for Efficient Drug Delivery and Bioimaging. <i>ChemMedChem</i> , 2020, 15, 416-419.	1.6	15
42	A novel decanuclear Co(ii) cluster with adamantane-like metallic skeleton supported by 8-hydroxyquinoline and in situ formed CO ₃ ²⁻ anions. <i>Dalton Transactions</i> , 2012, 41, 6242.	1.6	14
43	Construction of Cu(ii) coordination polymers based on semi-rigid tetrahedral pyridine ligands. <i>RSC Advances</i> , 2013, 3, 25065.	1.7	14
44	Controlled Growth of Metal-Organic Frameworks on Polymer Brushes. <i>Chemistry - A European Journal</i> , 2017, 23, 13337-13341.	1.7	12
45	Stable supramolecular porphyrin@albumin nanoparticles for optimal photothermal activity. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1892-1899.	3.2	12
46	Hydrothermal synthesis of isostructural open-framework manganese and iron borophosphates: Effect of the organic templates in determining the pore shapes. <i>Solid State Sciences</i> , 2011, 13, 757-761.	1.5	11
47	A nanosized heterometallic {Zn ₂ Ru ₃ } coordination cage templated by various polyoxometalates. <i>Dalton Transactions</i> , 2014, 43, 17244-17247.	1.6	8
48	Mimetic sea cucumber-shaped nanoscale metal-organic frameworks composite for enhanced photodynamic therapy. <i>Dyes and Pigments</i> , 2022, 197, 109920.	2.0	7
49	An inorganic-organic hybrid compound built from polyoxovanadate cluster and Mn (II) complexes. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1640-1643.	1.8	6
50	Multivariate Strategy Preparation of Nanoscale Ru-Doped Metal-Organic Frameworks with Boosted Photoactivity for Bioimaging and Reactive Oxygen Species Generation. <i>Inorganic Chemistry</i> , 2022, 61, 4647-4654.	1.9	6