

Wenbin Lin

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412
papers

59,378
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116
h-index

234
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473
ext. papers

64,592
ext. citations

11.5
avg, IF

8.43
L-index

#	Paper	IF	Citations
4 ¹²	Enantioselective catalysis with homochiral metal-organic frameworks. <i>Chemical Society Reviews</i> , 2009 , 38, 1248-56	58.5	2809
4 ¹¹	Crystal engineering of NLO materials based on metal-organic coordination networks. <i>Accounts of Chemical Research</i> , 2002 , 35, 511-22	24.3	2335
4 ¹⁰	A homochiral porous metal-organic framework for highly enantioselective heterogeneous asymmetric catalysis. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8940-1	16.4	1745
4 ⁰⁹	Nanoscale metal-organic frameworks for biomedical imaging and drug delivery. <i>Accounts of Chemical Research</i> , 2011 , 44, 957-68	24.3	1666
4 ⁰⁸	Metal-organic frameworks for artificial photosynthesis and photocatalysis. <i>Chemical Society Reviews</i> , 2014 , 43, 5982-93	58.5	1590
4 ⁰⁷	Doping metal-organic frameworks for water oxidation, carbon dioxide reduction, and organic photocatalysis. <i>Journal of the American Chemical Society</i> , 2011 , 133, 13445-54	16.4	1187
4 ⁰⁶	Postsynthetic modifications of iron-carboxylate nanoscale metal-organic frameworks for imaging and drug delivery. <i>Journal of the American Chemical Society</i> , 2009 , 131, 14261-3	16.4	1177
4 ⁰⁵	Rational synthesis of noncentrosymmetric metal-organic frameworks for second-order nonlinear optics. <i>Chemical Reviews</i> , 2012 , 112, 1084-104	68.1	852
4 ⁰⁴	Chiral porous coordination networks: rational design and applications in enantioselective processes. <i>Coordination Chemistry Reviews</i> , 2003 , 246, 305-326	23.2	843
4 ⁰³	A series of isorecticular chiral metal-organic frameworks as a tunable platform for asymmetric catalysis. <i>Nature Chemistry</i> , 2010 , 2, 838-46	17.6	759
4 ⁰²	Nanoscale metal-organic frameworks as potential multimodal contrast enhancing agents. <i>Journal of the American Chemical Society</i> , 2006 , 128, 9024-5	16.4	749
4 ⁰¹	Metal-organic frameworks as a tunable platform for designing functional molecular materials. <i>Journal of the American Chemical Society</i> , 2013 , 135, 13222-34	16.4	693
4 ⁰⁰	Nanomedicine Applications of Hybrid Nanomaterials Built from Metal-Ligand Coordination Bonds: Nanoscale Metal-Organic Frameworks and Nanoscale Coordination Polymers. <i>Chemical Reviews</i> , 2015 , 115, 11079-108	68.1	690
399	Nanoscale coordination polymers for platinum-based anticancer drug delivery. <i>Journal of the American Chemical Society</i> , 2008 , 130, 11584-5	16.4	675
398	Metal-organic frameworks as potential drug carriers. <i>Current Opinion in Chemical Biology</i> , 2010 , 14, 262-8	7	641
397	Nanoscale metal-organic frameworks for the co-delivery of cisplatin and pooled siRNAs to enhance therapeutic efficacy in drug-resistant ovarian cancer cells. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5181-4	16.4	640
396	Metal-Organic Frameworks for Light Harvesting and Photocatalysis. <i>ACS Catalysis</i> , 2012 , 2, 2630-2640	13.1	634

395	Isoreticular chiral metal-organic frameworks for asymmetric alkene epoxidation: tuning catalytic activity by controlling framework catenation and varying open channel sizes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15390-8	16.4	596
394	Pt nanoparticles@photoactive metal-organic frameworks: efficient hydrogen evolution via synergistic photoexcitation and electron injection. <i>Journal of the American Chemical Society</i> , 2012 , 134, 7211-4	16.4	588
393	Highly interpenetrated metal-organic frameworks for hydrogen storage. <i>Angewandte Chemie - International Edition</i> , 2004 , 44, 72-5	16.4	580
392	Magnetically recoverable chiral catalysts immobilized on magnetite nanoparticles for asymmetric hydrogenation of aromatic ketones. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12486-7	16.4	558
391	Porous phosphorescent coordination polymers for oxygen sensing. <i>Journal of the American Chemical Society</i> , 2010 , 132, 922-3	16.4	556
390	Manganese-based nanoscale metal-organic frameworks for magnetic resonance imaging. <i>Journal of the American Chemical Society</i> , 2008 , 130, 14358-9	16.4	525
389	Modular synthesis of functional nanoscale coordination polymers. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 650-8	16.4	517
388	Surface modification and functionalization of nanoscale metal-organic frameworks for controlled release and luminescence sensing. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9852-3	16.4	509
387	Nanoscale metal-organic framework for highly effective photodynamic therapy of resistant head and neck cancer. <i>Journal of the American Chemical Society</i> , 2014 , 136, 16712-5	16.4	487
386	Crystal Engineering of Acentric Diamondoid Metal-Organic Coordination Networks. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 536-538	16.4	486
385	Core-shell nanoscale coordination polymers combine chemotherapy and photodynamic therapy to potentiate checkpoint blockade cancer immunotherapy. <i>Nature Communications</i> , 2016 , 7, 12499	17.4	484
384	Supramolecular Engineering of Chiral and Acentric 2D Networks. Synthesis, Structures, and Second-Order Nonlinear Optical Properties of Bis(nicotinato)zinc and Bis{3-[2-(4-pyridyl)ethenyl]benzoato}cadmium. <i>Journal of the American Chemical Society</i> , 1998 , 120, 13272-13273	16.4	472
383	Heterogeneous asymmetric catalysis with homochiral metal-organic frameworks: network-structure-dependent catalytic activity. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 1075-8	16.4	453
382	Chiral porous solids based on lamellar lanthanide phosphonates. <i>Journal of the American Chemical Society</i> , 2001 , 123, 10395-6	16.4	430
381	Highly porous and stable metal-organic frameworks for uranium extraction. <i>Chemical Science</i> , 2013 , 4, 2396	9.4	413
380	Nanoscale Metal-Organic Framework Overcomes Hypoxia for Photodynamic Therapy Primed Cancer Immunotherapy. <i>Journal of the American Chemical Society</i> , 2018 , 140, 5670-5673	16.4	411
379	A Novel Octupolar Metal-Organic NLO Material Based on a Chiral 2D Coordination Network. <i>Journal of the American Chemical Society</i> , 1999 , 121, 11249-11250	16.4	405
378	Mesoporous silica nanospheres as highly efficient MRI contrast agents. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2154-5	16.4	402

377	Metal-organic framework templated synthesis of Fe ₂ O ₃ /TiO ₂ nanocomposite for hydrogen production. <i>Advanced Materials</i> , 2012 , 24, 2014-8	24	369
376	Polyoxometalate-based cobalt-phosphate molecular catalysts for visible light-driven water oxidation. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5359-66	16.4	366
375	Highly stable and porous cross-linked polymers for efficient photocatalysis. <i>Journal of the American Chemical Society</i> , 2011 , 133, 2056-9	16.4	355
374	Nanoscale Metal-Organic Frameworks for Therapeutic, Imaging, and Sensing Applications. <i>Advanced Materials</i> , 2018 , 30, e1707634	24	353
373	Surfactant-assisted synthesis of nanoscale gadolinium metal-organic frameworks for potential multimodal imaging. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7722-5	16.4	348
372	Chlorin-Based Nanoscale Metal-Organic Framework Systemically Rejects Colorectal Cancers via Synergistic Photodynamic Therapy and Checkpoint Blockade Immunotherapy. <i>Journal of the American Chemical Society</i> , 2016 , 138, 12502-10	16.4	347
371	Nanoparticle-Mediated Immunogenic Cell Death Enables and Potentiates Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 670-680	16.4	341
370	A chiral porous metal-organic framework for highly sensitive and enantioselective fluorescence sensing of amino alcohols. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9050-3	16.4	341
369	A Chlorin-Based Nanoscale Metal-Organic Framework for Photodynamic Therapy of Colon Cancers. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7600-3	16.4	336
368	Crystal Engineering of Nonlinear Optical Materials Based on Interpenetrated Diamondoid Coordination Networks. <i>Chemistry of Materials</i> , 2001 , 13, 2705-2712	9.6	335
367	Confinement of Ultrasmall Cu/ZnO Nanoparticles in Metal-Organic Frameworks for Selective Methanol Synthesis from Catalytic Hydrogenation of CO. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3834-3840	16.4	327
366	Interlocked chiral nanotubes assembled from quintuple helices. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6014-5	16.4	323
365	Metal-organic frameworks as sensory materials and imaging agents. <i>Inorganic Chemistry</i> , 2014 , 53, 1916-34	16.4	320
364	Silica-based nanoprobe for biomedical imaging and theranostic applications. <i>Chemical Society Reviews</i> , 2012 , 41, 2673-85	58.5	317
363	Highly porous, homochiral metal-organic frameworks: solvent-exchange-induced single-crystal to single-crystal transformations. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1958-61	16.4	308
362	Energy transfer dynamics in metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2010 , 132, 12767-9	16.4	303
361	Photosensitizing metal-organic framework enabling visible-light-driven proton reduction by a Wells-Dawson-type polyoxometalate. <i>Journal of the American Chemical Society</i> , 2015 , 137, 3197-200	16.4	301
360	A biomimetic copper water oxidation catalyst with low overpotential. <i>Journal of the American Chemical Society</i> , 2014 , 136, 273-81	16.4	297

359	Elucidating molecular iridium water oxidation catalysts using metal-organic frameworks: a comprehensive structural, catalytic, spectroscopic, and kinetic study. <i>Journal of the American Chemical Society</i> , 2012 , 134, 19895-908	16.4	296
358	Low-dose X-ray radiotherapy-radiodynamic therapy via nanoscale metal-organic frameworks enhances checkpoint blockade immunotherapy. <i>Nature Biomedical Engineering</i> , 2018 , 2, 600-610	19	292
357	Photodynamic Therapy Mediated by Nontoxic Core-Shell Nanoparticles Synergizes with Immune Checkpoint Blockade To Elicit Antitumor Immunity and Antimetastatic Effect on Breast Cancer. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16686-16695	16.4	292
356	Chiral porous hybrid solids for practical heterogeneous asymmetric hydrogenation of aromatic ketones. <i>Journal of the American Chemical Society</i> , 2003 , 125, 11490-1	16.4	288
355	Chiral metallocycles: rational synthesis and novel applications. <i>Accounts of Chemical Research</i> , 2008 , 41, 521-37	24.3	281
354	Hybrid silica nanoparticles for multimodal imaging. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3680-2	16.4	256
353	A chiral molecular square with metallo-corners for enantioselective sensing. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4554-5	16.4	256
352	Postsynthetic metalation of bipyridyl-containing metal-organic frameworks for highly efficient catalytic organic transformations. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6566-9	16.4	249
351	Chirality-controlled and solvent-templated catenation isomerism in metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13834-5	16.4	239
350	Hybrid nanomaterials for biomedical applications. <i>Chemical Communications</i> , 2010 , 46, 5832-49	5.8	237
349	Bipyridine- and phenanthroline-based metal-organic frameworks for highly efficient and tandem catalytic organic transformations via directed C-H activation. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2665-73	16.4	236
348	Homochiral porous metal-organic frameworks: Why and how?. <i>Journal of Solid State Chemistry</i> , 2005 , 178, 2486-2490	3.3	235
347	Nanoscale Metal-Organic Frameworks for Ratiometric Oxygen Sensing in Live Cells. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2158-61	16.4	234
346	Nanoscale metal-organic frameworks for real-time intracellular pH sensing in live cells. <i>Journal of the American Chemical Society</i> , 2014 , 136, 12253-6	16.4	232
345	Self-Supporting Metal-Organic Layers as Single-Site Solid Catalysts. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4962-6	16.4	222
344	Privileged phosphine-based metal-organic frameworks for broad-scope asymmetric catalysis. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5213-6	16.4	220
343	Self-assembled core-shell nanoparticles for combined chemotherapy and photodynamic therapy of resistant head and neck cancers. <i>ACS Nano</i> , 2015 , 9, 991-1003	16.7	215
342	Luminescent Lanthanide Coordination Polymers. <i>Inorganic Chemistry</i> , 1999 , 38, 5837-5840	5.1	215

341	Nanoscale Metal-Organic Frameworks for Phototherapy of Cancer. <i>Coordination Chemistry Reviews</i> , 2019 , 379, 65-81	23.2	214
340	Light harvesting in microscale metal-organic frameworks by energy migration and interfacial electron transfer quenching. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12940-3	16.4	212
339	The first chiral organometallic triangle for asymmetric catalysis. <i>Journal of the American Chemical Society</i> , 2002 , 124, 12948-9	16.4	211
338	Phosphorescent nanoscale coordination polymers as contrast agents for optical imaging. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3696-700	16.4	210
337	Iodinated nanoscale coordination polymers as potential contrast agents for computed tomography. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9901-4	16.4	205
336	Amplified luminescence quenching of phosphorescent metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3991-4	16.4	200
335	Rational Design of Nonlinear Optical Materials Based on 2D Coordination Networks. <i>Chemistry of Materials</i> , 2001 , 13, 3009-3017	9.6	198
334	Freeze drying significantly increases permanent porosity and hydrogen uptake in 4,4-connected metal-organic frameworks. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9905-8	16.4	192
333	Metal-Organic Framework Nodes Support Single-Site Magnesium-Alkyl Catalysts for Hydroboration and Hydroamination Reactions. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7488-91	16.4	191
332	Hierarchical Integration of Photosensitizing Metal-Organic Frameworks and Nickel-Containing Polyoxometalates for Efficient Visible-Light-Driven Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6411-6	16.4	184
331	Self-assembled hybrid nanoparticles for cancer-specific multimodal imaging. <i>Journal of the American Chemical Society</i> , 2007 , 129, 8962-3	16.4	182
330	Diffusion-controlled luminescence quenching in metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2011 , 133, 4232-5	16.4	181
329	Chemoselective single-site Earth-abundant metal catalysts at metal-organic framework nodes. <i>Nature Communications</i> , 2016 , 7, 12610	17.4	179
328	Highly porous and robust 4,8-connected metal-organic frameworks for hydrogen storage. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4610-2	16.4	179
327	Rational design of homochiral solids based on two-dimensional metal carboxylates. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1159-62	16.4	176
326	Self-assembled nanoscale coordination polymers with trigger release properties for effective anticancer therapy. <i>Nature Communications</i> , 2014 , 5, 4182	17.4	172
325	Titanium-Based Nanoscale Metal-Organic Framework for Type I Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4204-4208	16.4	172
324	Nanoscale metal-organic frameworks enhance radiotherapy to potentiate checkpoint blockade immunotherapy. <i>Nature Communications</i> , 2018 , 9, 2351	17.4	171

323	Metal-Organic Frameworks Stabilize Solution-Inaccessible Cobalt Catalysts for Highly Efficient Broad-Scope Organic Transformations. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3241-9	16.4	169
322	Chiral, porous, hybrid solids for highly enantioselective heterogeneous asymmetric hydrogenation of beta-keto esters. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 6000-3	16.4	167
321	Single-Site Cobalt Catalysts at New Zr(EO)(EOH)(EOH) Metal-Organic Framework Nodes for Highly Active Hydrogenation of Nitroarenes, Nitriles, and Isocyanides. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7004-7011	16.4	166
320	Nanoscale Metal-Organic Frameworks: Magnetic Resonance Imaging Contrast Agents and Beyond. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 3725-3734	2.3	164
319	A chiral metal-organic framework for sequential asymmetric catalysis. <i>Chemical Communications</i> , 2011 , 47, 8256-8	5.8	162
318	Supramolecular Approaches to Second-Order Nonlinear Optical Materials. Self-Assembly and Microstructural Characterization of Intrinsically Acentric [(Aminophenyl)azo]pyridinium Superlattices. <i>Journal of the American Chemical Society</i> , 1996 , 118, 8034-8042	16.4	156
317	Metal-Organic Frameworks in Solid-Gas Phase Catalysis. <i>ACS Catalysis</i> , 2019 , 9, 130-146	13.1	156
316	Actuation of asymmetric cyclopropanation catalysts: reversible single-crystal to single-crystal reduction of metal-organic frameworks. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8674-8	16.4	155
315	Nanoscale metal-organic frameworks for mitochondria-targeted radiotherapy-radiodynamic therapy. <i>Nature Communications</i> , 2018 , 9, 4321	17.4	152
314	Single-crystal to single-crystal cross-linking of an interpenetrating chiral metal-organic framework and implications in asymmetric catalysis. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8244-8	16.4	150
313	Synergistic assembly of heavy metal clusters and luminescent organic bridging ligands in metal-organic frameworks for highly efficient X-ray scintillation. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6171-4	16.4	149
312	Functionalized Porous Aromatic Framework for Efficient Uranium Adsorption from Aqueous Solutions. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 12511-12517	9.5	148
311	Cooperative copper centres in a metal-organic framework for selective conversion of CO ₂ to ethanol. <i>Nature Catalysis</i> , 2019 , 2, 709-717	36.5	147
310	Chiral crown ether pillared lamellar lanthanide phosphonates. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14298-9	16.4	146
309	Site Isolation in Metal-Organic Frameworks Enables Novel Transition Metal Catalysis. <i>Accounts of Chemical Research</i> , 2018 , 51, 2129-2138	24.3	143
308	Salicylaldimine-based metal-organic framework enabling highly active olefin hydrogenation with iron and cobalt catalysts. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13182-5	16.4	137
307	Lipid-Coated Nanoscale Coordination Polymers for Targeted Delivery of Antifolates to Cancer Cells. <i>Chemical Science</i> , 2012 , 3,	9.4	136
306	Zr- and Hf-based nanoscale metal-organic frameworks as contrast agents for computed tomography. <i>Journal of Materials Chemistry</i> , 2012 , 22, 18139-18144		135

305	Robust and Porous Diketiminato-Functionalized Metal-Organic Frameworks for Earth-Abundant-Metal-Catalyzed C-H Amination and Hydrogenation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3501-9	16.4	131
304	Nanoscale Metal-Organic Framework Mediates Radical Therapy to Enhance Cancer Immunotherapy. <i>CheM</i> , 2019 , 5, 1892-1913	16.2	127
303	Metal-organic framework templated inorganic sorbents for rapid and efficient extraction of heavy metals. <i>Advanced Materials</i> , 2014 , 26, 7993-7	24	127
302	NLO-active zinc(II) and cadmium(II) coordination networks with 8-fold diamondoid structures. <i>Chemical Communications</i> , 2000 , 2263-2264	5.8	127
301	Surface Modification of Two-Dimensional Metal-Organic Layers Creates Biomimetic Catalytic Microenvironments for Selective Oxidation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9704-9709	16.4	125
300	Immunostimulatory nanomedicines synergize with checkpoint blockade immunotherapy to eradicate colorectal tumors. <i>Nature Communications</i> , 2019 , 10, 1899	17.4	122
299	Remarkable 4,4'-Substituent effects on binap: Highly enantioselective Ru catalysts for asymmetric hydrogenation of beta-aryl ketoesters and their immobilization in room-temperature ionic liquids. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2501-4	16.4	122
298	Single-Site Cobalt Catalysts at New Zr8(μ -O)8(μ -OH)4 Metal-Organic Framework Nodes for Highly Active Hydrogenation of Alkenes, Imines, Carbonyls, and Heterocycles. <i>Journal of the American Chemical Society</i> , 2016 , 138, 12234-42	16.4	120
297	Networking Pyrolyzed Zeolitic Imidazolate Frameworks by Carbon Nanotubes Improves Conductivity and Enhances Oxygen-Reduction Performance in Polymer-Electrolyte-Membrane Fuel Cells. <i>Advanced Materials</i> , 2017 , 29, 1604556	24	119
296	Synthesis of Zinc Oxalate Coordination Polymers via Unprecedented Oxidative Coupling of Methanol to Oxalic Acid. <i>Crystal Growth and Design</i> , 2001 , 1, 9-11	3.5	116
295	Asymmetric Catalysis with Chiral Porous Metal-Organic Frameworks: Critical Issues. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 1701-1709	6.4	115
294	Heterogeneous Asymmetric Catalysis with Homochiral Metal-Organic Frameworks: Network-Structure-Dependent Catalytic Activity. <i>Angewandte Chemie</i> , 2007 , 119, 1093-1096	3.6	115
293	Pyrolysis of Metal-Organic Frameworks to Fe ₃ O ₄ @Fe ₅ C ₂ Core-Shell Nanoparticles for Fischer-Tropsch Synthesis. <i>ACS Catalysis</i> , 2016 , 6, 3610-3618	13.1	113
292	Robust, chiral, and porous BINAP-based metal-organic frameworks for highly enantioselective cyclization reactions. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12241-8	16.4	111
291	Organo-functionalized mesoporous silicas for efficient uranium extraction. <i>Microporous and Mesoporous Materials</i> , 2013 , 180, 22-31	5.3	110
290	Metal-Organic Frameworks Significantly Enhance Photocatalytic Hydrogen Evolution and CO Reduction with Earth-Abundant Copper Photosensitizers. <i>Journal of the American Chemical Society</i> , 2020 , 142, 690-695	16.4	109
289	Photosensitizing Metal-Organic Layers for Efficient Sunlight-Driven Carbon Dioxide Reduction. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12369-12373	16.4	109
288	Faster Energy Transport in Metal-Organic Frameworks Is Beyond Step-by-Step Hopping. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5308-15	16.4	108

287	Nanoscale Metal-Organic Layers for Deeply Penetrating X-ray-Induced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12102-12106	16.4	108
286	Unusual interlocking and interpenetration lead to highly porous and robust metal-organic frameworks. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3637-40	16.4	108
285	Nanoporous, Interpenetrated Metal-Organic Diamondoid Networks. <i>Inorganic Chemistry</i> , 1999 , 38, 2969-2973	16.4	106
284	Cavity-induced enantioselectivity reversal in a chiral metal-organic framework Brønsted acid catalyst. <i>Chemical Science</i> , 2012 , 3, 2623	9.4	104
283	Self-assembled nanoscale coordination polymers carrying oxaliplatin and gemcitabine for synergistic combination therapy of pancreatic cancer. <i>Journal of Controlled Release</i> , 2015 , 201, 90-9	11.7	103
282	Synthesis, X-ray Structures, and Magnetic Properties of Copper(II) Pyridinecarboxylate Coordination Networks. <i>Crystal Growth and Design</i> , 2001 , 1, 159-163	3.5	102
281	Exciton Migration and Amplified Quenching on Two-Dimensional Metal-Organic Layers. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7020-7029	16.4	101
280	Highly Interpenetrated Metal-Organic Frameworks for Hydrogen Storage. <i>Angewandte Chemie</i> , 2005 , 117, 74-77	3.6	101
279	Uranium Sorption with Functionalized Mesoporous Carbon Materials. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 15187-15197	3.9	100
278	Self-assembly of chiral molecular polygons. <i>Journal of the American Chemical Society</i> , 2003 , 125, 8084-5	16.4	98
277	Self-assembled nanoscale coordination polymers carrying siRNAs and cisplatin for effective treatment of resistant ovarian cancer. <i>Biomaterials</i> , 2015 , 36, 124-33	15.6	97
276	Enzymatic synthesis of periodic DNA nanoribbons for intracellular pH sensing and gene silencing. <i>Journal of the American Chemical Society</i> , 2015 , 137, 3844-51	16.4	97
275	A homochiral triple helix constructed from an axially chiral bipyridine. <i>Chemical Communications</i> , 2003 , 1388-9	5.8	96
274	Molecular Iridium Complexes in Metal-Organic Frameworks Catalyze CO Hydrogenation via Concerted Proton and Hydride Transfer. <i>Journal of the American Chemical Society</i> , 2017 , 139, 17747-17750	16.4	95
273	Solvent-induced single-crystal to single-crystal transformation of a 2D coordination network to a 3D metal-organic framework greatly enhances porosity and hydrogen uptake. <i>Chemical Communications</i> , 2012 , 48, 2846-8	5.8	94
272	Pillared, 3D metal-organic frameworks with rectangular channels. Synthesis and characterization of coordination polymers based on tricadmium carboxylates. <i>Inorganic Chemistry</i> , 2000 , 39, 2189-98	5.1	93
271	Designing metal-organic frameworks for catalytic applications. <i>Topics in Current Chemistry</i> , 2010 , 293, 175-205		92
270	Nonlinear optically active polymeric coordination networks based on metal m-pyridylphosphonates. <i>Inorganic Chemistry</i> , 2002 , 41, 4978-80	5.1	92

- 269 Electron Injection from Photoexcited Metal-Organic Framework Ligands to Ru Secondary Building Units for Visible-Light-Driven Hydrogen Evolution. *Journal of the American Chemical Society*, **2018**, 140, 5326-5329 16.4 91
- 268 Multifunctional mesoporous silica nanospheres with cleavable Gd(III) chelates as MRI contrast agents: synthesis, characterization, target-specificity, and renal clearance. *Small*, **2011**, 7, 3519-28 11 91
- 267 Topotactic Transformations of Metal-Organic Frameworks to Highly Porous and Stable Inorganic Sorbents for Efficient Radionuclide Sequestration. *Chemistry of Materials*, **2014**, 26, 5231-5243 9.6 90
- 266 Luminescent homochiral silver(I) lamellar coordination networks built from helical chains. *Chemical Communications*, **2004**, 1588-9 5.8 90
- 265 Nanoparticle formulations of cisplatin for cancer therapy. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2016**, 8, 776-91 9.2 89
- 264 Nanoscale Coordination Polymers Codeliver Chemotherapeutics and siRNAs to Eradicate Tumors of Cisplatin-Resistant Ovarian Cancer. *Journal of the American Chemical Society*, **2016**, 138, 6010-9 16.4 89
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