

# Mengting Li

## List of Publications by Year in descending order

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62  
papers

2,418  
citations

159585

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docs citations

62  
times ranked

1823  
citing authors

#	ARTICLE	IF	CITATIONS
1	pH-Dependent Assembly of Hybrids Based on Wells-Dawson POM/Ag Chemistry. <i>Inorganic Chemistry</i> , 2008, 47, 5145-5153.	4.0	159
2	An Interpenetrating Architecture Based on the Wells-Dawson Polyoxometalate and AgI <sup>+</sup> ·AgI <sup>-</sup> Interactions. <i>Crystal Growth and Design</i> , 2011, 11, 2736-2742.	3.0	124
3	Asymmetrical Polar Modification of a Bivanadium-Capped Keggin POM by Multiple Cu <sup>2+</sup> /N Coordination Polymeric Chains. <i>Inorganic Chemistry</i> , 2007, 46, 11183-11189.	4.0	114
4	Assembly of Multitrack Cu <sup>2+</sup> /N Coordination Polymeric Chain-Modified Polyoxometalates Influenced by Polyoxoanion Cluster and Ligand. <i>Crystal Growth and Design</i> , 2007, 7, 2535-2541.	3.0	111
5	A hexanuclear cobalt metal-organic framework for efficient CO <sub>2</sub> reduction under visible light. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12498-12505.	10.3	106
6	Controllable porosity conversion of metal-organic frameworks composed of natural ingredients for drug delivery. <i>Chemical Communications</i> , 2017, 53, 7804-7807.	4.1	97
7	Keggin POMs Modified by Bonding to Multitrack Cu(bipy) Chains through Linearly Arrayed Terminal and Bridging Oxygen Atoms of the M3O13 Triad. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1268-1274.	2.0	82
8	Polyoxometalate-Incorporated Metallapillararene/Metallacalixarene Metal-Organic Frameworks as Anode Materials for Lithium Ion Batteries. <i>Inorganic Chemistry</i> , 2017, 56, 8311-8318.	4.0	79
9	The factors affecting on the assembly of Ag <sup>+</sup> /H <sub>2</sub> biim system: size, charge or shape of polyanions?. <i>CrystEngComm</i> , 2011, 13, 3832.	2.6	77
10	Assembly of Polyoxometalate-Based Hybrids with Different Helical Channels upon Subtle Ligand Variation. <i>Crystal Growth and Design</i> , 2014, 14, 2794-2802.	3.0	73
11	Self-organization towards complex multi-fold meso-helices in the structures of Wells-Dawson polyoxometalate-based hybrid materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3371-3376.	10.3	70
12	Assembly of Multiply Chain-Modified Polyoxometalates: From One- to Three-Dimensional and from Finite to Infinite Track. <i>Crystal Growth and Design</i> , 2009, 9, 1708-1715.	3.0	65
13	Significant Surface Modification of Polyoxometalate by Smart Silver-tetrazolate Units. <i>Crystal Growth and Design</i> , 2012, 12, 894-901.	3.0	62
14	Study on a new cyclodextrin based metal-organic framework with chiral helices. <i>Inorganic Chemistry Communication</i> , 2015, 61, 48-52.	3.9	58
15	Secondary spacer modulated assembly of polyoxometalate based metal-organic frameworks. <i>Dalton Transactions</i> , 2013, 42, 1667-1677.	3.3	56
16	An unprecedented 3D POM-Ag architecture with intertwined and homological helical structures. <i>Dalton Transactions</i> , 2013, 42, 7803.	3.3	52
17	Assembly of two new polyoxometalate-templated supramolecular compounds by utilizing a ligand with a combination of rigidity and flexibility. <i>CrystEngComm</i> , 2009, 11, 902.	2.6	51
18	Syntheses Study of Keggin POM Supporting MOFs System. <i>Crystal Growth and Design</i> , 2012, 12, 2242-2250.	3.0	51

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19	Solid lipid nanoparticles with TPGS and Brj 78: A co-delivery vehicle of curcumin and piperine for reversing P-glycoprotein-mediated multidrug resistance in vitro. <i>Oncology Letters</i> , 2017, 13, 389-395.	1.8	51
20	Immobilization of Polyoxometalate in the Metal-Organic Framework rht-MOF-1: Towards a Highly Effective Heterogeneous Catalyst and Dye Scavenger. <i>Scientific Reports</i> , 2016, 6, 25595.	3.3	50
21	Assembly of Multifold Helical Polyoxometalate-Based Metal-Organic Frameworks as Anode Materials in Lithium-Ion Batteries. <i>Inorganic Chemistry</i> , 2018, 57, 3865-3872.	4.0	46
22	Assembly of the first polyoxometalate-based hybrid with [ring+helix] channels and photocatalytic activity. <i>CrystEngComm</i> , 2013, 15, 10584.	2.6	45
23	Fabrication and Electrochemical Performance of Polyoxometalate-Based Three-Dimensional Metal Organic Frameworks Containing Carbene Nanocages. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 16660-16665.	8.0	45
24	Surfactant-assisted synthesis and electrochemical properties of an unprecedented polyoxometalate-based metal-organic nanocaged framework. <i>Chemical Communications</i> , 2019, 55, 1201-1204.	4.1	45
25	Fabrication and electrochemical performance of unprecedented POM-based metal-carbene frameworks. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17920-17925.	10.3	43
26	Polyoxometalate-pillared metal-organic frameworks synthesized by surfactant-assisted strategy and incorporated with carbon nanotubes for energy storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25316-25322.	10.3	41
27	Ternary Cross-Vanadium Tetra-Capped POMOFs@PPy/RGO Nanocomposites with Hybrid Battery-Supercapacitor Behavior for Enhancing Lithium Battery Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4667-4675.	6.7	36
28	Tuning the Helical Structures of Wells-Dawson Polyoxometalate Based Hybrid Compounds by Using Isomeric Ligands. <i>Crystal Growth and Design</i> , 2016, 16, 3215-3223.	3.0	34
29	POM species, temperature and counterions modulated the various dimensionalities of POM-based metal-organic frameworks. <i>Dalton Transactions</i> , 2016, 45, 1657-1667.	3.3	34
30	New Route toward POM[6]Catenane Members for Lithium-Ion Batteries. <i>Crystal Growth and Design</i> , 2017, 17, 3775-3782.	3.0	31
31	In situ-generated Co@nitrogen-doped carbon nanotubes derived from MOFs for efficient hydrogen evolution under both alkaline and acidic conditions. <i>New Journal of Chemistry</i> , 2017, 41, 10966-10971.	2.8	31
32	Syntheses of POM-templated MOFs containing the isomeric pyridyltetrazole. <i>CrystEngComm</i> , 2012, 14, 5053.	2.6	30
33	Polyoxometalates Templated Metal Ag-Carbene Frameworks Anodic Material for Lithium-Ion Batteries. <i>Inorganic Chemistry</i> , 2017, 56, 11998-12002.	4.0	30
34	Synthesis, structure and electrochemical properties of a new hybrid based on Wells-Dawson polyanions and silver complexes. <i>Journal of Molecular Structure</i> , 2009, 921, 289-294.	3.6	25
35	Construction of POMOFs with different degrees of interpenetration and the same topology. <i>CrystEngComm</i> , 2015, 17, 633-641.	2.6	25
36	Ferrocene-reduced graphene oxide-polyoxometalates based ternary nanocomposites as electrochemical detection for acetaminophen. <i>Talanta</i> , 2021, 235, 122751.	5.5	24

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37	Graphite-like polyoxometalate-based metal-organic framework as an efficient anode for lithium ion batteries. <i>CrystEngComm</i> , 2020, 22, 1340-1345.	2.6	22
38	A novel high sensitive Cd-MOF fluorescent probe for acetone vapor in air and picric acid in water: Synthesis, structure and sensing properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 118962.	3.9	20
39	Structure and LIBs Anode Material Application of Novel Wells-Dawson Polyoxometalate-Based Metal Organic Frameworks with Different Helical Channels. <i>Crystal Growth and Design</i> , 2018, 18, 5564-5572.	3.0	19
40	A polypyrrole-coated eightfold-helical Wells-Dawson POM-based Cu-FKZ framework for enhanced colorimetric sensing. <i>Analyst</i> , The, 2020, 145, 4021-4030.	3.5	19
41	Two New Helical Compounds Based on Pitch-Tunable Keggin Clusters. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5175-5180.	2.0	18
42	Acidity Considerations in the Self-Assembly of POM/Ag/trz-Based Compounds with Efficient Electrochemical Activities in LIBs. <i>Crystal Growth and Design</i> , 2018, 18, 2289-2296.	3.0	18
43	A novel Cd-MOF with enhanced thermo-sensitivity: the rational design, synthesis and multipurpose applications. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3096-3104.	6.0	13
44	Assembly of 12-Tungstovanadate-Templated Nanocage and Nanocomposites with Single-Walled Carbon Nanotubes as Anodes in Lithium-Ion Batteries. <i>Inorganic Chemistry</i> , 2020, 59, 9244-9251.	4.0	12
45	Study about quinolone antibacterial agent modifying the Keggin polyoxotungstates. <i>Journal of Coordination Chemistry</i> , 2013, 66, 602-611.	2.2	11
46	Hydrothermal syntheses and crystal structures of hybrid materials based on Keggin cluster modified by iron complexes. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1221-1233.	2.2	10
47	Two metal-pipemidic acid complexes modifying Keggin polyoxometalates. <i>Journal of Coordination Chemistry</i> , 2013, 66, 977-985.	2.2	10
48	Luminescent metal-organic frameworks encapsulating polycyclic aromatic hydrocarbons for energy transfer. <i>Dalton Transactions</i> , 2020, 49, 5087-5091.	3.3	10
49	Synthesis and structure of an unprecedented meso-helices dominated by bivanadyl-capped Keggin POMs. <i>Inorganic Chemistry Communication</i> , 2017, 82, 1-5.	3.9	9
50	Assembly of polyoxometalate-templated metal-organic framework with effective peroxidase-like catalytic activity. <i>Journal of Coordination Chemistry</i> , 2019, 72, 272-282.	2.2	9
51	Synthesis and Characterization of Two New Transition-Metal Complex Salts of the Wells-Dawson Polyoxometalate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 2730-2737.	1.2	8
52	Target Syntheses of Two New Bivanadyl Capped Keggin Polyoxometalate Derivatives. <i>Journal of Cluster Science</i> , 2008, 19, 499-509.	3.3	8
53	pH-Controlled syntheses of two hybrids based on octamolybdate and enrofloxacin. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3264-3273.	2.2	8
54	Isomeric organic ligand dominating polyoxometalate-based hybrid compounds: synthesis and as electrocatalysts and pH-sensitive probes. <i>Journal of Coordination Chemistry</i> , 2018, 71, 468-482.	2.2	8

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55	A novel inorganic-organic hybrid based on a Wellsâ€“Dawson polyanion containing two types of organic fragments. <i>Journal of Coordination Chemistry</i> , 2007, 60, 1645-1654.	2.2	7
56	A New Wellâ€“Dawson Polyoxometalate Based Compound Containing Helix for Electrochemical Uric Acid Biosensor. <i>Journal of Cluster Science</i> , 2020, , 1.	3.3	6
57	A sensitive colorimetric sensor for glutathione on the basis of the oxidase-like activity of polyoxometalate-based helical compound and its nanocomposite with SWNT-COOH. <i>Inorganic Chemistry Communication</i> , 2022, 137, 109212.	3.9	5
58	Supramolecular Assembly through the Highest Connectivity of a Keggin Polyoxometalate. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 135-139.	0.7	4
59	Development of a novel bivalent baculovirus vectors for complement resistance and sustained transgene expression and its application in anti-angiogenesis gene therapy. <i>Biomedicine and Pharmacotherapy</i> , 2020, 123, 109765.	5.6	4
60	Assembly of Wellsâ€“Dawson Polyoxometalate based Crystal Compound for Uric Acid Electrochemical Detection. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 489-494.	1.2	4
61	Construction and properties of drug molecules modifying octamolybdate hybrid compounds. <i>Journal of Coordination Chemistry</i> , 2013, 66, 3839-3847.	2.2	3
62	A Novel Keggin Tungstocobaltate Framework Supported by Copperbipyridyl Complexes: [Cu(I)(2,2') Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 1445-1450.	0.7	0