

# Mengting Li

## List of Publications by Year in descending order

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62  
papers

2,418  
citations

159585

30  
h-index

206112

48  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1823  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Ferrocene-reduced graphene oxide-polyoxometalates based ternary nanocomposites as electrochemical detection for acetaminophen. <i>Talanta</i> , 2021, 235, 122751.	5.5	24
4	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
5	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
6	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
7	Polyoxometalate-pillared metalâ€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
8	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
9	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
10	Luminescent metalâ€organic frameworks encapsulating polycyclic aromatic hydrocarbons for energy transfer. <i>Dalton Transactions</i> , 2020, 49, 5087-5091.	3.3	10
11	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
12	A polypyrrole-coated eightfold-helical Wellsâ€Dawson POM-based Cu-FKZ framework for enhanced colorimetric sensing. <i>Analyst</i> , The, 2020, 145, 4021-4030.	3.5	19
13	Graphite-like polyoxometalate-based metalâ€organic framework as an efficient anode for lithium ion batteries. <i>CrystEngComm</i> , 2020, 22, 1340-1345.	2.6	22
14	Surfactant-assisted synthesis and electrochemical properties of an unprecedented polyoxometalate-based metalâ€organic nanocaged framework. <i>Chemical Communications</i> , 2019, 55, 1201-1204.	4.1	45
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	New Route toward POM[6]Catenane Members for Lithium-Ion Batteries. <i>Crystal Growth and Design</i> , 2017, 17, 3775-3782.	3.0	31
24	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
25	Solid lipid nanoparticles with TPGS and Brij 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
26	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
27	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
28	Polyoxometalates Templated Metal Ag-Carbene Frameworks Anodic Material for Lithium-Ion Batteries. <i>Inorganic Chemistry</i> , 2017, 56, 11998-12002.	4.0	30
29	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
30	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
31	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
32	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
33	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
34	Study on a new cyclodextrin based metal-organic framework with chiral helices. <i>Inorganic Chemistry Communication</i> , 2015, 61, 48-52.	3.9	58
35	Construction of POMOFs with different degrees of interpenetration and the same topology. <i>CrystEngComm</i> , 2015, 17, 633-641.	2.6	25
36	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

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37	Secondary spacer modulated assembly of polyoxometalate based metal-organic frameworks. Dalton Transactions, 2013, 42, 1667-1677.	3.3	56
38	An unprecedented 3D POM-Ag architecture with intertwined and homological helical structures. Dalton Transactions, 2013, 42, 7803.	3.3	52
39	Construction and properties of drug molecules modifying octamolybdate hybrid compounds. Journal of Coordination Chemistry, 2013, 66, 3839-3847.	2.2	3
40	Assembly of the first polyoxometalate-based hybrid with [ring+helix] channels and photocatalytic activity. CrystEngComm, 2013, 15, 10584.	2.6	45
41	Study about quinolone antibacterial agent modifying the Keggin polyoxotungstates. Journal of Coordination Chemistry, 2013, 66, 602-611.	2.2	11
42	Two metal-pipemidic acid complexes modifying Keggin polyoxometalates. Journal of Coordination Chemistry, 2013, 66, 977-985.	2.2	10
43	pH-Controlled syntheses of two hybrids based on octamolybdate and enrofloxacin. Journal of Coordination Chemistry, 2012, 65, 3264-3273.	2.2	8
44	Significant Surface Modification of Polyoxometalate by Smart Silver-tetrazolate Units. Crystal Growth and Design, 2012, 12, 894-901.	3.0	62
45	Syntheses of POM-templated MOFs containing the isomeric pyridyltetrazole. CrystEngComm, 2012, 14, 5053.	2.6	30
46	Syntheses Study of Keggin POM Supporting MOFs System. Crystal Growth and Design, 2012, 12, 2242-2250.	3.0	51
47	An Interpenetrating Architecture Based on the Wells-Dawson Polyoxometalate and Ag-Ag Interactions. Crystal Growth and Design, 2011, 11, 2736-2742.	3.0	124
48	The factors affecting on the assembly of Ag-H <sub>2</sub> biim system: size, charge or shape of polyanions?. CrystEngComm, 2011, 13, 3832.	2.6	77
49	A Novel Keggin Tungstocobaltate Framework Supported by Copperbipyridyl Complexes: [Cu(I)(2,2')-Tj]ETQq1 1 0.784314 rgBT /Overl Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 1445-1450.	0.7	0
50	Supramolecular Assembly through the Highest Connectivity of a Keggin Polyoxometalate. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 135-139.	0.7	4
51	Two New Helical Compounds Based on Pitch-Tunable Keggin Clusters. European Journal of Inorganic Chemistry, 2009, 2009, 5175-5180.	2.0	18
52	Synthesis, structure and electrochemical properties of a new hybrid based on Wells-Dawson polyanions and silver complexes. Journal of Molecular Structure, 2009, 921, 289-294.	3.6	25
53	Assembly of two new polyoxometalate-templated supramolecular compounds by utilizing a ligand with a combination of rigidity and flexibility. CrystEngComm, 2009, 11, 902.	2.6	51
54	Assembly of Multiply Chain-Modified Polyoxometalates: From One- to Three-Dimensional and from Finite to Infinite Track. Crystal Growth and Design, 2009, 9, 1708-1715.	3.0	65

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55	Target Syntheses of Two New Bivanadyl Capped Keggin Polyoxometalate Derivatives. <i>Journal of Cluster Science</i> , 2008, 19, 499-509.	3.3	8
56	pH-Dependent Assembly of Hybrids Based on Wells-Dawson POM/Ag Chemistry. <i>Inorganic Chemistry</i> , 2008, 47, 5145-5153.	4.0	159
57	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
58	A novel inorganic-organic hybrid based on a Wells-Dawson polyanion containing two types of organic fragments. <i>Journal of Coordination Chemistry</i> , 2007, 60, 1645-1654.	2.2	7
59	Asymmetrical Polar Modification of a Bivanadium-Capped Keggin POM by Multiple Cu <sup>II</sup> N Coordination Polymeric Chains. <i>Inorganic Chemistry</i> , 2007, 46, 11183-11189.	4.0	114
60	Assembly of Multitrack Cu <sup>II</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
61	Keggin POMs Modified by Bonding to Multitrack Cu(bipy) Chains through Linearly Arrayed Terminal and Bridging Oxygen Atoms of the M <sub>3</sub> O <sub>13</sub> Triad. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1268-1274.	2.0	82
62	Synthesis and Characterization of Two New Transition-Metal Complex Salts of the Wells-Dawson Polyanion. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 2730-2737.	1.2	8