

# Lin Cheng

## List of Publications by Year in descending order

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33  
papers

656  
citations

687220

13  
h-index

552653

26  
g-index

33  
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docs citations

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times ranked

900  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Stable Plasmonic Cu@Cu <sub>2</sub> O/ZnO Heterojunction for Enhanced Photocatalytic Hydrogen Generation. <i>ChemSusChem</i> , 2018, 11, 1505-1511.	3.6	91
2	Fine-Tuning the Micro-Environment to Optimize the Catalytic Activity of Enzymes Immobilized in Multivariate Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2021, 143, 15378-15390.	6.6	72
3	Efficient photocatalytic overall water splitting by synergistically enhancing bulk charge separation and surface reaction kinetics in Co <sub>3</sub> O <sub>4</sub> -decorated ZnO@ZnS core-shell structures. <i>Chemical Engineering Journal</i> , 2020, 393, 124681.	6.6	67
4	Two-for-one strategy: Three-dimensional porous Fe-doped Co <sub>3</sub> O <sub>4</sub> cathode and N-doped carbon anode derived from a single bimetallic metal-organic framework for enhanced hybrid supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2021, 583, 299-309.	5.0	50
5	Design, synthesis and anti-Alzheimer properties of dimethylaminomethyl-substituted curcumin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 40-43.	1.0	49
6	Metal-directed one-dimensional chiral zigzag chains and right-handed 61 helix with multiple chiral components: luminescence and NLO properties. <i>CrystEngComm</i> , 2012, 14, 3888.	1.3	38
7	Ni-Decorated ZnO/ZnS Nanorod Heterostructures for Enhanced Photocatalytic Hydrogen Production: Insight into the Role of NiS. <i>Solar Rrl</i> , 2020, 4, 1900568.	3.1	35
8	Efficient hydrogen evolution from the hydrolysis of ammonia borane using bilateral-like WO <sub>3</sub> nanorods coupled with Ni <sub>2</sub> P nanoparticles. <i>Chemical Communications</i> , 2018, 54, 6188-6191.	2.2	32
9	Two temperature-controlled chiral Ag(I) coordination polymers with dual chiral components: synthesis, luminescence and SHG properties. <i>CrystEngComm</i> , 2012, 14, 4437.	1.3	27
10	Chiral Proline-Decorated Bifunctional Pd@NH <sub>2</sub> -UiO-66 Catalysts for Efficient Sequential Suzuki Coupling/Asymmetric Aldol Reactions. <i>Inorganic Chemistry</i> , 2020, 59, 7991-8001.	1.9	27
11	Temperature-induced chiral Ag(I) coordination polymers with structural variation from 1D to 2D: synthesis, luminescence and SHG response. <i>CrystEngComm</i> , 2012, 14, 7502.	1.3	22
12	Engineering full hollow and yolk-shell structures of Z-scheme photocatalysts for advanced hydrogen production. <i>Chemical Engineering Journal</i> , 2021, 408, 127267.	6.6	22
13	Multifunctional polymers built on copper-thioether coordination. <i>Polymer Chemistry</i> , 2017, 8, 6527-6533.	1.9	17
14	A 3-D lanthanide coordination polymer constructed from biphenyl-2,2',6,6'-tetracarboxylic acid: synthesis of a trinodal (3,4,5)-connected topology and luminescence. <i>Journal of Coordination Chemistry</i> , 2013, 66, 481-489.	0.8	13
15	Supramolecular isomerism of Cu(I) and 3,5-di-2-pyridyl-1,2,4-triazolate via in situ solvothermal ligand reaction: meso-helix and luminescence. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1821-1828.	0.8	11
16	Antitumor platinum(II) complexes of N-monoalkyl 1R,2R-diamino-cyclohexanes with 3-(nitrooxy)cyclobutane-1,1-dicarboxylate as a leaving group. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 408-417.	2.6	11
17	Fabrication of WO <sub>2.72</sub> /UiO-66 nanocomposites and effects of WO <sub>2.72</sub> ratio on photocatalytic performance: judgement of the optimal content and mechanism study. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2710-2718.	1.6	10
18	Temperature-induced one-dimensional chiral Ag(I) linear chains and left-handed 21 helices: DFT studies, luminescence and SHG response. <i>CrystEngComm</i> , 2014, 16, 10056-10065.	1.3	9

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19	Self-Healable and Tough Thermoplastic Materials from Metal-Thioether Block Polymers. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700430.	1.1	9
20	3D Metal-Rich Cu <sub>7.2</sub> S <sub>4</sub> /Carbon-Supported MoS <sub>2</sub> Nanosheets for Enhanced Lithium-Storage Performance. <i>ChemElectroChem</i> , 2019, 6, 1458-1465.	1.7	9
21	Recyclable and reusable chiral L-L-diaryl prolinol heterogeneous catalyst grafting to UiO-67 for enantioselective hydration/aldol/oxa-Diels Alder domino reaction. <i>Catalysis Communications</i> , 2021, 149, 106249.	1.6	8
22	Pd(II)-Metalated and L-Proline-Decorated Multivariate UiO-67 as Bifunctional Catalyst for Asymmetric Sequential Reactions. <i>Catalysis Letters</i> , 2022, 152, 1160-1169.	1.4	6
23	Single-Chain Polymer Nanoparticles-Encapsulated Chiral Bifunctional Metal-Organic Frameworks for Asymmetric Sequential Reactions. <i>Inorganic Chemistry Communication</i> , 2022, , 109577.	1.8	5
24	AuPd Alloys and Chiral Proline Dual-Functionalized NH <sub>2</sub> -UiO-66 Catalysts for Tandem Oxidation/Asymmetric Aldol Reactions. <i>Catalysis Letters</i> , 2023, 153, 1024-1035.	1.4	5
25	Chiral Polymer-Mediated Pd@MOF-808 for Efficient Sequential Asymmetric Reaction. <i>Catalysis Letters</i> , 2023, 153, 1193-1204.	1.4	5
26	Bis(pyridine-2-carbaldehyde thiosemicarbazone)zinc(II) dinitrate dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1340-m1340.	0.2	2
27	catena-Poly[bis[(1,10-phenanthroline)iron(II)]-bis(1/4-5-carboxybenzene-1,3-dicarboxylato)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m14-m14.	0.2	1
28	(1/4-2,6-Dicarboxybiphenyl-2,6-dicarboxylato)bis[(1,10-phenanthroline)silver(I)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1329-m1329.	0.2	1
29	(1R,2R)-2-(Pyridin-4-ylmethylamino)cyclohexanaminium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o676-o676.	0.2	1
30	catena-Poly[[[(1,10-phenanthroline)cadmium(II)]-1/4-2-(1,3-benzimidazol-2-ylsulfanyl)acetato]n <sup>3</sup> N <sub>1</sub> ,O:N <sub>3</sub> ]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m34-m34.	0.2	1
31	1,4-Bis(carboxymethyl)piperazine-1,4-dium bis(dihydrogen phosphate) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2566-o2566.	0.2	0
32	4-Amino-3,5-dimethyl-4H-1,2,4-triazole-water (2/3). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1893-o1893.	0.2	0
33	Bis[2-(benzimidazol-2-ylsulfanyl)acetato]bis(2,2-bipyridine)cadmium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1356-m1356.	0.2	0