

# Chia-Her Lin

## List of Publications by Year in descending order

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255  
papers

7,006  
citations

70961

41  
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85405

71  
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263  
all docs

263  
docs citations

263  
times ranked

8139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Uniform Core–Shell Microspheres of SiO <sub>2</sub> @MOF for CO <sub>2</sub> Cycloaddition Reactions. <i>Inorganic Chemistry</i> , 2022, 61, 2724-2732.	1.9	13
2	Magnetic Responsive Release of Nitric Oxide from an MOF-Derived Fe <sub>3</sub> O <sub>4</sub> @PLGA Microsphere for the Treatment of Bacteria-Infected Cutaneous Wound. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 6343-6357.	4.0	27
3	Ca <sub>2</sub> [Ti(HPO <sub>4</sub> ) <sub>2</sub> (PO <sub>4</sub> )]·H <sub>2</sub> O, Ca[Ti <sub>2</sub> (H <sub>2</sub> O)(HPO <sub>3</sub> ) <sub>4</sub> ]·H <sub>2</sub> O, and Ti(H <sub>2</sub> PO <sub>2</sub> ) <sub>3</sub> : Solid-State Oxidation via Proton-Coupled Electron Transfer. <i>Inorganic Chemistry</i> , 2022, 61, 1327-1334.	1.9	1
4	The bi-metallic MOF-919 (Fe–Cu) nanozyme capable of bifunctional enzyme-mimicking catalytic activity. <i>Chemical Communications</i> , 2022, 58, 569-572.	2.2	35
5	Enhanced Oral NO Delivery through Bioinorganic Engineering of Acid-Sensitive Prodrug into a Transformer-like DNIC@MOF Microrod. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 3849-3863.	4.0	7
6	Understanding Solvothermal Growth of Metal–Organic Framework Colloids for CO <sub>2</sub> Capture Applications. <i>Langmuir</i> , 2022, 38, 4415-4424.	1.6	11
7	Aerosol-Assisted Synthesis of Metal–Organic Framework-Derived Hybrid Nanomaterials for Reverse Water–Gas Shift Reaction. <i>ACS Applied Nano Materials</i> , 2022, 5, 8883-8893.	2.4	6
8	MOF@PVA beads for dynamic and low concentration VOC capture. <i>Materials Advances</i> , 2022, 3, 6458-6465.	2.6	3
9	Structural Diversity of Mercury(II) Halide Complexes Containing Bis-pyridyl-bis-amide with Bulky and Angular Backbones: Ligand Effect and Metal Sensing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7861.	1.8	5
10	Synthesis, spectroscopic, DFT, HSA binding and docking studies of new 1,5-bis(4-chlorophenyl)-3-(2-(4-methylpiperazin-1-yl)quinolin-3-yl)pentane-1,5-dione. <i>Journal of Molecular Structure</i> , 2021, 1223, 129260.	1.8	4
11	A titanium(III) phosphite exhibits polymorph-distinct redox activity involving proton-coupled electron transfer. <i>Chemical Communications</i> , 2021, 57, 6542-6545.	2.2	1
12	All-in-one type ESIPT-active multi-stimuli responsive 7-diethylamino-4-hydroxycoumarin-rhodamine B hydrazone as molecular switches and the reversible photochromic features of its zinc ensemble. <i>Materials Chemistry Frontiers</i> , 2021, 5, 8183-8196.	3.2	15
13	A new 7-diethylamino-4-hydroxycoumarin based reversible colorimetric/fluorometric probe for sequential detection of Al <sup>3+</sup> /PPI and its potential use in biodetection and bioimaging applications. <i>New Journal of Chemistry</i> , 2021, 45, 6067-6079.	1.4	15
14	Fragmented $\alpha$ -Amylase into Microporous Metal-Organic Frameworks as Bioreactors. <i>Materials</i> , 2021, 14, 870.	1.3	3
15	Spatiotemporal Control of Supramolecular Polymerization and Gelation of Metal–Organic Polyhedra. <i>Journal of the American Chemical Society</i> , 2021, 143, 3562-3570.	6.6	39
16	Sustainable scale-up synthesis of MIL-68(Al) using IPA as solvent for acetic acid capture. <i>Microporous and Mesoporous Materials</i> , 2021, 316, 110943.	2.2	6
17	Carbon Dioxide Enrichment PEBAX/MOF Composite Membrane for CO <sub>2</sub> Separation. <i>Membranes</i> , 2021, 11, 404.	1.4	24
18	Eight-Fold Interpenetrating Diamondoid Coordination Polymers for Sensing Volatile Organic Compounds and Metal Ions. <i>Polymers</i> , 2021, 13, 3018.	2.0	7

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19	Mechanistic Insight into the Synergetic Interaction of Ammonia Borane and Water on ZIF-67-Derived Co@Porous Carbon for Controlled Generation of Dihydrogen. ACS Applied Materials & Interfaces, 2021, 13, 47465-47477.	4.0	15
20	Versatile reactions on hydrophobic functionalization of metal-organic frameworks and anticorrosion application. Microporous and Mesoporous Materials, 2021, 325, 111319.	2.2	13
21	Fast multipoint immobilization of lipase through chiral L-proline on a MOF as a chiral bioreactor. Dalton Transactions, 2021, 50, 1866-1873.	1.6	12
22	Tetrazine-Based Metal-Organic Frameworks as Scaffolds for Post-Synthetic Modification by the Click Reaction. European Journal of Inorganic Chemistry, 2020, 2020, 461-466.	1.0	17
23	ESIPT-active multi-color aggregation-induced emission features of triphenylamine-salicylaldehyde-based unsymmetrical azine family. CrystEngComm, 2020, 22, 213-228.	1.3	49
24	Rapid desolvation-triggered domino lattice rearrangement in a metal-organic framework. Nature Chemistry, 2020, 12, 90-97.	6.6	93
25	De novo synthesis and particle size control of iron metal organic framework for diclofenac drug delivery. Microporous and Mesoporous Materials, 2020, 309, 110495.	2.2	29
26	Metal Organic Framework-Polyethersulfone Composite Membrane for Iodine Capture. Polymers, 2020, 12, 2309.	2.0	18
27	Enhanced Oral Bioavailability of the Pharmacologically Active Lignin Magnolol via Zr-Based Metal Organic Framework Impregnation. Pharmaceutics, 2020, 12, 437.	2.0	18
28	Synthesis, characterization, crystal structure and catalytic activity of amido azo palladium(II) complex. Transition Metal Chemistry, 2020, 45, 553-559.	0.7	5
29	Fabrication of Pebax-1657-based mixed-matrix membranes incorporating N-doped few-layer graphene for carbon dioxide capture enhancement. Journal of Membrane Science, 2020, 602, 117946.	4.1	34
30	An Encapsulation-Rearrangement Strategy to Integrate Superhydrophobicity into Mesoporous Metal-Organic Frameworks. Matter, 2020, 2, 988-999.	5.0	39
31	Carbonization and Preparation of Nitrogen-Doped Porous Carbon Materials from Zn-MOF and Its Applications. Materials, 2020, 13, 264.	1.3	12
32	Iron and chromium MOFs as sustainable catalysts for transfer hydrogenation of carbonyl compounds and biomass conversions. New Journal of Chemistry, 2020, 44, 8223-8231.	1.4	20
33	Microporous 3D aluminum MOF doped into chitosan-based mixed matrix membranes for ethanol/water separation. Journal of the Chinese Chemical Society, 2019, 66, 1165-1171.	0.8	19
34	Synthesis, characterization, structure and redox property of azo-amido and orthometallated azo-imine platinum(II) complexes. Polyhedron, 2019, 173, 114102.	1.0	3
35	Polystyrene-Supported Core-Shell Beads with Aluminium MOF Coating for Extraction of Organic Pollutants. Chemistry - an Asian Journal, 2019, 14, 3675-3681.	1.7	10
36	Synthesis and characterization of di-nuclear bis(benzotriazole iminophenolate) cobalt complexes: catalysis for the copolymerization of carbon dioxide with epoxides. Dalton Transactions, 2019, 48, 12239-12249.	1.6	22

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37	Geometric isomerization and geometry controlled catalytic alcohol aminations of ruthenium hydride compounds containing bidentate pyrrolyl-imines. <i>Journal of Organometallic Chemistry</i> , 2019, 902, 120957.	0.8	4
38	Design of meso/macro porous 2D Mn-vanadate as potential novel anode materials for sodium-ion storage. <i>Journal of Energy Storage</i> , 2019, 26, 100915.	3.9	13
39	Bio-oil derived hierarchical porous hard carbon from rubber wood sawdust via a template fabrication process as highly stable anode for sodium-ion batteries. <i>Materials Today Energy</i> , 2019, 14, 100346.	2.5	32
40	Carboxylic acid-protruding zincophosphate sheets exhibiting surface mechanochemical reactivity and intriguing nano-morphological reversibility. <i>Chemical Communications</i> , 2019, 55, 2429-2432.	2.2	3
41	Thermal isomerization of ruthenium hydride compounds containing asymmetric bidentate pyrrole-imine ligands. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 1041-1047.	0.8	0
42	Zirconium-Based Metal-Organic Framework Nanocarrier for the Controlled Release of Ibuprofen. <i>ACS Applied Nano Materials</i> , 2019, 2, 3329-3334.	2.4	28
43	Electrochemical exploration of the effects of calcination temperature of a mesoporous zinc vanadate anode material on the performance of Na-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2653-2659.	3.0	22
44	Characterization and molecular simulation of Pebax-1657-based mixed matrix membranes incorporating MoS <sub>2</sub> nanosheets for carbon dioxide capture enhancement. <i>Journal of Membrane Science</i> , 2019, 582, 358-366.	4.1	64
45	Synthesis, Structures and Electrochemical Properties of Lithium 1,3,5-Benzenetricarboxylate Complexes. <i>Polymers</i> , 2019, 11, 126.	2.0	4
46	A simple approach to achieve a metastable metal oxide derived from carbonized metal-organic gels. <i>Chemical Communications</i> , 2019, 55, 4475-4478.	2.2	6
47	Metal-Organic Framework-Derived Hollow N-Doped Porous Carbon with Ultrahigh Concentrations of Single Zn Atoms for Efficient Carbon Dioxide Conversion. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3511-3515.	7.2	474
48	Metal-Organic Framework-Derived Hollow N-Doped Porous Carbon with Ultrahigh Concentrations of Single Zn Atoms for Efficient Carbon Dioxide Conversion. <i>Angewandte Chemie</i> , 2019, 131, 3549-3553.	1.6	84
49	Thermal Stability of Metal-Organic Frameworks and Encapsulation of CuO Nanocrystals for Highly Active Catalysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 9332-9341.	4.0	56
50	Synthesis of hierarchical mesoporous graphite oxide/Al <sub>2</sub> O <sub>3</sub> from MIL-100(Al) for the electrochemical determination of caffeic acid in red wine samples. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 84, 188-195.	2.7	20
51	Titanium complexes bearing benzotriazole iminophenolate ligands as efficient catalysts for ring-opening polymerization of cyclic esters. <i>Inorganic Chemistry Communication</i> , 2018, 90, 1-7.	1.8	9
52	Phytochemical constituents from dietary plant <i>Citrus hystrix</i> . <i>Natural Product Research</i> , 2018, 32, 1721-1726.	1.0	8
53	The (2,2'-bipyridine)Pt <sub>2</sub> complex with 5,5'-modification of fluorous side chains: Orthogonal skeleton. <i>Journal of Fluorine Chemistry</i> , 2018, 206, 29-35.	0.9	5
54	Fluorescence Quenching Investigation of Methyl Red Adsorption on Aluminum-Based Metal-Organic Frameworks. <i>Langmuir</i> , 2018, 34, 1441-1446.	1.6	37

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55	Catalytic amination of benzyl alcohol using ruthenium cymene compounds containing bidentate N,O-donor ancillary ligands. <i>Journal of Organometallic Chemistry</i> , 2018, 861, 10-16.	0.8	6
56	Effects of structural crystallinity and defects in microporous Al-MOF filled chitosan mixed matrix membranes for pervaporation of water/ethanol mixtures. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 83, 143-151.	2.7	60
57	Mixing Effect of Ligand on Carbon Dioxide Capture Behavior of Zeolitic Imidazolate Framework/Poly(amide-b-ethylene oxide) Mixed Matrix Membranes. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15341-15348.	3.2	22
58	Frontispiece: Indium Phosphite-Based Porous Solids Exhibiting Organic Sensing and a Facile Route to Superhydrophobicity. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
59	Synthesis, characterization and cancer cell growth inhibition activity of ruthenium(II) complexes bearing bidentate pyrrole-imine ligands. <i>Journal of Organometallic Chemistry</i> , 2018, 868, 122-130.	0.8	7
60	Indium Phosphite-Based Porous Solids Exhibiting Organic Sensing and a Facile Route to Superhydrophobicity. <i>Chemistry - A European Journal</i> , 2018, 24, 12474-12479.	1.7	8
61	Structural Determination of Ruthenium Complexes Containing Bi-Dentate Pyrrole-Ketone Ligands. <i>Molecules</i> , 2018, 23, 159.	1.7	6
62	Copper Nanoparticle and Nitrogen Doped Graphite Oxide Based Biosensor for the Sensitive Determination of Glucose. <i>Nanomaterials</i> , 2018, 8, 429.	1.9	19
63	Ruthenium (II) complexes containing dehydroacetic acid and its imine derivative ligands. Synthesis, characterization and cancer cell growth anti-proliferation activity (GI50) study. <i>Journal of Organometallic Chemistry</i> , 2018, 871, 150-158.	0.8	11
64	The Cooperativity of Fe <sub>3</sub> O <sub>4</sub> and Metal-Organic Framework as Multifunctional Nanocomposites for Laser Desorption Ionization Process. <i>Chemistry - A European Journal</i> , 2018, 24, 9598-9605.	1.7	14
65	Perovskite solar cells using TiO <sub>2</sub> layers coated with metal-organic framework material ZIF-8. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1476-1481.	0.8	19
66	Microporous 2D indium metal-organic frameworks for selective CO <sub>2</sub> capture and their application in the catalytic CO <sub>2</sub> -cycloaddition of epoxides. <i>Dalton Transactions</i> , 2018, 47, 9474-9481.	1.6	42
67	Monitoring the Effect of Different Metal Centers in Metal-Organic Frameworks and Their Adsorption of Aromatic Molecules using Experimental and Simulation Studies. <i>Chemistry - A European Journal</i> , 2018, 24, 14044-14047.	1.7	5
68	Electrical bistability in a metal-organic framework modulated by reversible crystalline-to-amorphous transformations. <i>Chemical Communications</i> , 2017, 53, 2479-2482.	2.2	35
69	Enzyme Immobilized on Nanoporous Carbon Derived from Metal-Organic Framework: A New Support for Biodiesel Synthesis. <i>ChemSusChem</i> , 2017, 10, 1364-1369.	3.6	41
70	Nitrogen-doped porous carbon material derived from metal-organic gel for small biomolecular sensing. <i>Chemical Communications</i> , 2017, 53, 5725-5728.	2.2	26
71	Synthesis, crystal structure and catecholase activity of [Co(SCN) <sub>2</sub> (L)] [L = N,N'-bis(pyridine-2-yl)benzylidene-1,2-ethanediamine]. <i>Journal of Molecular Structure</i> , 2017, 1143, 489-494.	1.8	5
72	Polymorphous Al-MOFs Based on V-Shaped Linker Molecules: Synthesis, Properties, and in Situ Investigation of Their Crystallization. <i>Inorganic Chemistry</i> , 2017, 56, 5851-5862.	1.9	25

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73	Green and rapid synthesis of zirconium metal-organic frameworks via mechanochemistry: UiO-66 analog nanocrystals obtained in one hundred seconds. <i>Chemical Communications</i> , 2017, 53, 5818-5821.	2.2	90
74	Raman Observation of the "Volcano Curve" in the Formation of Carbonized Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22939-22947.	1.5	9
75	New Group 13 MIL-53 Derivates based on 2,5-Thiophenedicarboxylic Acid. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1600-1608.	0.6	44
76	Synthesis and characterization of trimetallic cobalt, zinc and nickel complexes containing amine-bis(benzotriazole phenolate) ligands: efficient catalysts for coupling of carbon dioxide with epoxides. <i>Dalton Transactions</i> , 2017, 46, 15399-15406.	1.6	35
77	Azo-amide palladium(II) complexes: Synthesis, characterization and application in C-C cross-coupling reactions. <i>Polyhedron</i> , 2017, 135, 224-230.	1.0	19
78	Efficient synthesis of ethyl-piperazinyl quinolinyl-(E)-chalcone derivatives via Claisen-Schmidt reaction by using TiO <sub>2</sub> -BPTETSA catalyst. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 852-866.	2.7	6
79	One-pot synthesis of Claisen-Schmidt reaction through (E)-chalcone derivatives: Spectral studies in human serum albumin protein binding and molecular docking investigation. <i>Synthetic Communications</i> , 2017, 47, 1884-1904.	1.1	10
80	A Simple Approach to Enhance the Water Stability of a Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2017, 23, 42-46.	1.7	45
81	Microwave-Assisted Synthesis of Nanoporous Aluminum-Based Coordination Polymers as Catalysts for Selective Sulfoxidation Reaction. <i>Polymers</i> , 2017, 9, 498.	2.0	29
82	Raman investigation on carbonization process of metal-organic frameworks. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 1271-1275.	1.2	25
83	Nanoporous Carbons Derived from Metal-Organic Frameworks as Novel Matrices for Surface-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Small</i> , 2016, 12, 2057-2066.	5.2	51
84	Laser Chemistry: Nanoporous Carbons Derived from Metal-Organic Frameworks as Novel Matrices for Surface-Assisted Laser Desorption/Ionization Mass Spectrometry ( <i>Small</i> 15/2016). <i>Small</i> , 2016, 12, 2056-2056.	5.2	1
85	Protonic conductivity of polycrystalline materials evaluated with effective medium percolation approach: A case study on lithium-carboxylate based MOF. <i>Solid State Ionics</i> , 2016, 292, 98-102.	1.3	1
86	Dinuclear zinc complexes containing tridentate imino-benzotriazole phenolate derivatives as efficient catalysts for ring-opening polymerization of cyclic esters and copolymerization of phthalic anhydride with cyclohexene oxide. <i>Journal of Polymer Science Part A</i> , 2016, 54, 714-725.	2.5	16
87	Synthesis and biological evaluation of new spirooxindoles with embedded pharmacophores. <i>New Journal of Chemistry</i> , 2016, 40, 5164-5169.	1.4	38
88	Synthesis, X-ray structure and catecholase activity of an antiferromagnetically coupled trinuclear nickel(II) complex. <i>Polyhedron</i> , 2016, 110, 221-226.	1.0	15
89	Insights into the supramolecular features in isopropylmalonic and n-butylmalonic acids: Inputs from PIXEL and Hirshfeld surface analysis. <i>Journal of Molecular Structure</i> , 2016, 1122, 29-36.	1.8	12
90	Thermal and plasma synthesis of metal oxide nanoparticles from MOFs with SERS characterization. <i>Vibrational Spectroscopy</i> , 2016, 84, 146-152.	1.2	8

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91	Waste polyethylene terephthalate (PET) materials as sustainable precursors for the synthesis of nanoporous MOFs, MIL-47, MIL-53(Cr, Al, Ga) and MIL-101(Cr). Dalton Transactions, 2016, 45, 9565-9573.	1.6	70
92	Polyamine-Cladded 18-Ring-Channel Gallium Phosphites with High-Capacity Hydrogen Adsorption and Carbon Dioxide Capture. Journal of the American Chemical Society, 2016, 138, 6719-6722.	6.6	40
93	Synthesis and characterization of multidentate ethylene bridged pyrrole- and ketoamine-morpholine aluminum compounds. Structure, theoretical calculation and catalytic study. Journal of Organometallic Chemistry, 2016, 825-826, 15-24.	0.8	7
94	Metal-Organic Framework-Polymer Composite as a Highly Efficient Sorbent for Sulfonamide Adsorption and Desorption: Effect of Coordinatively Unsaturated Metal Site and Topology. Langmuir, 2016, 32, 11465-11473.	1.6	45
95	Novel green-emitting K <sub>2</sub> Ba <sub>5</sub> Si <sub>12</sub> O <sub>30</sub> :Eu <sup>2+</sup> phosphors with excellent thermal quenching for white light-emitting diodes. Optical Materials, 2016, 59, 8-14.	1.7	23
96	Synthesis of mixed ligand and pillared paddlewheel MOFs using waste polyethylene terephthalate material as sustainable ligand source. Microporous and Mesoporous Materials, 2016, 231, 186-191.	2.2	17
97	Aluminum based metal-organic framework-polymer monolith in solid-phase microextraction of penicillins in river water and milk samples. Journal of Chromatography A, 2016, 1428, 236-245.	1.8	88
98	Object-oriented synthetic approach toward angular and linear fused pyrazoloquinolines of biological importance with InCl <sub>3</sub> catalyst. Synthetic Communications, 2016, 46, 232-241.	1.1	11
99	Synthesis, characterization, structure and catalytic activity of (NNN) tridentate azo-imine nickel(II), palladium(II) and platinum(II) complexes. Polyhedron, 2016, 106, 171-177.	1.0	20
100	Synthesis and characterization of ruthenium compounds incorporating keto-amine ligands. The applications of catalytic transfer hydrogenation and cancer cell inhibition. Journal of Organometallic Chemistry, 2016, 807, 22-28.	0.8	9
101	Synthesis, characterization and reactivity study of aluminum compounds incorporating bi- and tri-dentate pyrrole-piperazine ligands. RSC Advances, 2016, 6, 16331-16339.	1.7	4
102	Structural aspects and ring opening polymerization of $\epsilon$ -caprolactone using mono- and di-aluminum compounds incorporating bidentate pyrrole-morpholine ligands. Journal of Organometallic Chemistry, 2016, 804, 35-41.	0.8	18
103	Approaches to drug delivery: Confinement of aspirin in MIL-100(Fe) and aspirin in the de novo synthesis of metal-organic frameworks. Microporous and Mesoporous Materials, 2016, 223, 254-260.	2.2	82
104	To Transfer or Not to Transfer? Development of a Dinitrosyl Iron Complex as a Nitroxyl Donor for the Nitroxylation of an Fe <sup>III</sup> -Porphyrin Center. Chemistry - A European Journal, 2015, 21, 17570-17573.	1.7	24
105	Metal-Organic Frameworks to Metal/Metal Oxide Embedded Carbon Matrix: Synthesis, Characterization and Gas Sorption Properties. Materials, 2015, 8, 5336-5347.	1.3	13
106	Carbonization and oxidation of metal-organic frameworks based on 1,4-naphthalene dicarboxylates. Science and Technology of Advanced Materials, 2015, 16, 054203.	2.8	11
107	Crystal structure of 4-(2-methoxyquinolin-3-yl)-1-methyldispiro[indan-2,2'-pyrrolidine-3,3'-indoline]-1,3,2-trione. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1038-o1039.	1.0	7
108	Structural elucidation of tungsten compounds containing arylamine, piperazine and morpholine fragments of pyrrole and keto-amine ligands. Polyhedron, 2015, 101, 299-305.	1.0	4

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109	Synthesis and characterization of tri-dentate pyrrole-morpholine ligands and their corresponding aluminum, magnesium, and zinc compounds. <i>Journal of Organometallic Chemistry</i> , 2015, 779, 39-44.	0.8	10
110	Synthesis and Characterization of Metal Complexes (M <sup>o</sup> =Al, Ti, W, Zn) Containing Pyrrole-Imine Ligands. <i>Journal of the Chinese Chemical Society</i> , 2015, 62, 133-140.	0.8	4
111	Synthesis, structure and study of azo-hydrazone tautomeric equilibrium of 1,3-dimethyl-5-(arylo)-6-amino-uracil derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 140, 185-197.	2.0	48
112	Enhanced gas sorption properties of a new sulfone functionalized aluminum metal-organic framework: Synthesis, characterization, and DFT studies. <i>Microporous and Mesoporous Materials</i> , 2015, 216, 20-26.	2.2	17
113	Synthesis and characterization of copper(I) compounds incorporating pyrazole-derived ligands: A study on carbon-carbon coupling reaction. <i>Inorganica Chimica Acta</i> , 2015, 435, 327-334.	1.2	3
114	Catalytic transfer hydrogenation and anticancer activity of arene-ruthenium compounds incorporating bi-dentate precursors. <i>Dalton Transactions</i> , 2015, 44, 16107-16118.	1.6	16
115	New types of bi- and tri-dentate pyrrole-piperazine ligands and related zinc compounds: Synthesis, characterization, reaction study, and ring-opening polymerization of $\beta$ -caprolactone. <i>Journal of Organometallic Chemistry</i> , 2015, 791, 141-147.	0.8	18
116	Immobilization of Protein on Nanoporous Metal-Organic Framework Materials. <i>Comments on Inorganic Chemistry</i> , 2015, 35, 331-349.	3.0	52
117	Doubly end-on azido bridged mixed-valence cobalt trinuclear complex: Spectral study, VTM, inhibitory effect and antimycobacterial activity on human carcinoma and tuberculosis cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 427-434.	2.0	10
118	Synthesis of Mixed-Ligand Zeolitic Imidazolate Framework (ZIF-8-90) for CO <sub>2</sub> Adsorption. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 251-258.	1.9	35
119	Multidimensional (0D to 3D) Alkaline-Earth Metal Diphosphonates: Synthesis, Structural Diversity, and Luminescence Properties. <i>Inorganic Chemistry</i> , 2015, 54, 4268-4278.	1.9	15
120	Purification of deteriorated liquid crystals by employing porous metal-organic-framework/polymer composites. <i>Optical Materials Express</i> , 2015, 5, 639.	1.6	7
121	DNA binding and cleavage activity of a structurally characterized Ni(II) Schiff base complex. <i>Journal of Chemical Sciences</i> , 2015, 127, 1375-1381.	0.7	6
122	A novel type of matrix for surface-assisted laser desorption/ionization mass spectrometric detection of biomolecules using metal-organic frameworks. <i>Analytica Chimica Acta</i> , 2015, 888, 103-109.	2.6	40
123	Lipase-Supported Metal-Organic Framework Bioreactor Catalyzes Warfarin Synthesis. <i>Chemistry - A European Journal</i> , 2015, 21, 115-119.	1.7	108
124	Synthesis, crystal structure and catecholase activity of a Ni(II) complex derived from a tetradentate Schiff base ligand. <i>Journal of Chemical Sciences</i> , 2014, 126, 1635-1640.	0.7	10
125	Metal-Organic Frameworks for Regeneration of Degraded Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 601, 88-96.	0.4	3
126	Aluminum Compounds Containing Pyrrole-Imine Ligand Systems - Synthesis, Characterization, Structure Elucidation, Ring-Opening Polymerization, and Catalytic Meerwein-Ponndorf-Verley Reaction. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1965-1973.	1.0	24



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127	Structurally well-characterized zinc complexes bearing imine-benzotriazole phenoxide ligands: Synthesis, photoluminescent properties and catalysis for carbon dioxide/epoxide coupling. <i>Journal of Organometallic Chemistry</i> , 2014, 754, 16-25.	0.8	16
128	Synthesis and characterization of tungsten bis-imido complexes containing bi-dentate pyrrole-amine, pyrrole-imine or ketiminate ligands. <i>Inorganica Chimica Acta</i> , 2014, 413, 1-5.	1.2	4
129	Novel alkali and alkaline earth metal coordination polymers based on 1,4-naphthalenedicarboxylic acid: synthesis, structural characterization and properties. <i>CrystEngComm</i> , 2014, 16, 1985.	1.3	40
130	Evaluation of structural transformation in 2D metal-organic frameworks based on a 4,4'-sulfonyldibenzoate linker: microwave-assisted solvothermal synthesis, characterization and applications. <i>CrystEngComm</i> , 2014, 16, 9308-9319.	1.3	16
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