

# Liang-Liang Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4833026/publications.pdf>

Version: 2024-02-01

118  
papers

7,892  
citations

76326  
40  
h-index

51608  
86  
g-index

120  
all docs

120  
docs citations

120  
times ranked

8269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrahigh Modulation Enhancement in All-Optical Si-Based THz Modulators Integrated with Gold Nanobipyramids. <i>Nano Letters</i> , 2022, 22, 1541-1548.	9.1	9
2	High- $\kappa$ Polyimide-Based Dielectrics by Introducing a Functionalized Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2022, 61, 3412-3419.	4.0	8
3	Rapid room-temperature synthesis of a porphyrinic MOF for encapsulating metal nanoparticles. <i>Nano Research</i> , 2021, 14, 444-449.	10.4	36
4	Efficient Asymmetric Biomimetic Aldol Reaction of Glycinates and Trifluoromethyl Ketones by Carbonyl Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 20328-20334.	2.0	4
5	Efficient Asymmetric Biomimetic Aldol Reaction of Glycinates and Trifluoromethyl Ketones by Carbonyl Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20166-20172.	13.8	32
6	Metal-Organic Framework-Based Hierarchically Porous Materials: Synthesis and Applications. <i>Chemical Reviews</i> , 2021, 121, 12278-12326.	47.7	633
7	Ligand-Directed Conformational Control over Porphyrinic Zirconium Metal-Organic Frameworks for Size-Selective Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 12129-12137.	13.7	73
8	Frontispiz: Efficient Asymmetric Biomimetic Aldol Reaction of Glycinates and Trifluoromethyl Ketones by Carbonyl Catalysis. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
9	Frontispiece: Efficient Asymmetric Biomimetic Aldol Reaction of Glycinates and Trifluoromethyl Ketones by Carbonyl Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
10	Construction of hexanuclear Ce(III) metal-porphyrin frameworks through linker induce strategy for CO <sub>2</sub> capture and conversion. <i>Catalysis Today</i> , 2021, 374, 38-43.	4.4	14
11	Ferrocene-Induced Perpetual Recovery on All Elemental Defects in Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25567-25574.	13.8	34
12	Fabrication of (4, 10) and (4, 12)-Connected Multifunctional Zirconium Metal-Organic Frameworks for the Targeted Adsorption of a Guest Molecule. <i>Inorganic Chemistry</i> , 2020, 59, 695-704.	4.0	15
13	An imidazole functionalized copper(II)-organic framework for highly selective sensing of picric acid and metal ions in water. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5803.	3.5	14
14	Post-Synthetic Modification of Zirconium Metal-Organic Frameworks for Adsorption and Separation of Light Hydrocarbons. <i>Crystal Growth and Design</i> , 2020, 20, 4882-4885.	3.0	12
15	Four novel Co(II) metal-organic frameworks based on semi-rigid ligand and their secondary building units transformation. <i>Journal of Molecular Structure</i> , 2019, 1197, 87-95.	3.6	7
16	Catalytic reactions within the cavity of coordination cages. <i>Chemical Society Reviews</i> , 2019, 48, 4707-4730.	38.1	313
17	Molecular Pivot-Hinge Installation to Evolve Topology in Rare-Earth Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2019, 131, 16835-16843.	2.0	4
18	Uncovering Structural Opportunities for Zirconium Metal-Organic Frameworks via Linker Desymmetrization. <i>Advanced Science</i> , 2019, 6, 1901855.	11.2	19

#	ARTICLE	IF	CITATIONS
19	Molecular Pivotâ€Hinge Installation to Evolve Topology in Rareâ€Earth Metalâ€Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16682-16690.	13.8	45
20	Terahertz Wave Modulation by Pre-plasma Using Different Laser Wavelength. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019, 40, 962-970.	2.2	1
21	A rare (3,12)-connected zirconium metalâ€organic framework with efficient iodine adsorption capacity and pH sensing. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13173-13179.	10.3	68
22	Cooperative Sieving and Functionalization of Zr Metalâ€Organic Frameworks through Insertion and Post-Modification of Auxiliary Linkers. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 22390-22397.	8.0	60
23	Synthesis of a Difunctionalized Pillar[5]arene with Hydroxyl and Amino Groups at A1/A2 Positions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2508-2512.	2.4	8
24	Amphipathic Pentiptycene-Based Water-Resistant Cu-MOF for Efficient Oil/Water Separation. <i>Inorganic Chemistry</i> , 2019, 58, 5384-5387.	4.0	23
25	Bimolecular proximity of a ruthenium complex and methylene blue within an anionic porous coordination cage for enhancing photocatalytic activity. <i>Chemical Science</i> , 2019, 10, 3529-3534.	7.4	38
26	Modulation of terahertz wave based on a preionized plasma. , 2019, , .		0
27	Metalâ€Organic Frameworks: Uncovering Structural Opportunities for Zirconium Metalâ€Organic Frameworks via Linker Desymmetrization ( <i>Adv. Sci.</i> 23/2019). <i>Advanced Science</i> , 2019, 6, 1970141.	11.2	0
28	Effect of Functional Groups on the Adsorption of Light Hydrocarbons in <i>fmj</i>-type Metalâ€Organic Frameworks. <i>Crystal Growth and Design</i> , 2019, 19, 832-838.	3.0	33
29	Rational Design and Synthesis of Hexanuclear Rare Earth <b>the</b>-<b>a</b> Metalâ€Organic Frameworks Platform Based on RE<sub>6</sub>O<sub>4</sub>(OH)<sub>4</sub>(COO)<sub>8</sub> Clusters. <i>Crystal Growth and Design</i> , 2019, 19, 1509-1513.	3.0	18
30	Retrosynthesis of multi-component metalâ~organic frameworks. <i>Nature Communications</i> , 2018, 9, 808.	12.8	159
31	High-selectivity Detection of 2,4,6-Trinitrophenol Based on Fluorescent Mg-MOF-74 in Ethanol Solution. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 175-179.	2.6	6
32	Poreâ€Environment Engineering with Multiple Metal Sites in Rareâ€Earth Porphyrinic Metalâ€Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5095-5099.	13.8	136
33	Excitation-wavelength-dependent terahertz wave modulation via preformed air plasma. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	12
34	Terahertz Wave Generation From Noble Gas Plasmas Induced by a Wavelength-Tunable Femtosecond Laser. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2018, 8, 299-304.	3.1	20
35	Creating Hierarchical Pores by Controlled Linker Thermolysis in Multivariate Metalâ€Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018, 140, 2363-2372.	13.7	310
36	Stable Metalâ€Organic Frameworks: Design, Synthesis, and Applications. <i>Advanced Materials</i> , 2018, 30, e1704303.	21.0	1,740

#	ARTICLE	IF	CITATIONS
37	A 2D porous pentiptycene-based MOF for efficient detection of Ba <sup>2+</sup> and selective adsorption of dyes from water. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1314-1320.	6.0	19
38	A luminescent ytterbium(III)-organic framework for highly selective sensing of 2,4,6-trinitrophenol. <i>Journal of Solid State Chemistry</i> , 2018, 262, 186-190.	2.9	15
39	An Amino-Functionalized Metal-Organic Framework, Based on a Rare Ba <sub>12</sub> (COO) <sub>18</sub> (NO <sub>3</sub> ) <sub>2</sub> Cluster, for Efficient C <sub>3</sub> /C <sub>2</sub> /C <sub>1</sub> Separation and Preferential Catalytic Performance. <i>Chemistry - A European Journal</i> , 2018, 24, 2137-2143.	3.3	61
40	[Ti <sub>8</sub> Zr <sub>2</sub> O <sub>12</sub> (COO) <sub>16</sub> ] Cluster: An Ideal Inorganic Building Unit for Photoactive Metal-Organic Frameworks. <i>ACS Central Science</i> , 2018, 4, 105-111.	11.3	204
41	Amino-functionalized MOFs with high physicochemical stability for efficient gas storage/separation, dye adsorption and catalytic performance. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24486-24495.	10.3	159
42	Stable Metal-Organic Frameworks: Stable Metal-Organic Frameworks: Design, Synthesis, and Applications (Adv. Mater. 37(2018)). <i>Advanced Materials</i> , 2018, 30, 1870277.	21.0	55
43	Optimizing crystallinity and porosity of hierarchical Ni(OH) <sub>2</sub> through conformal transformation of metal-organic framework template for supercapacitor applications. <i>CrystEngComm</i> , 2018, 20, 4313-4320.	2.6	32
44	Solvent-induced framework-interpenetration isomers of Cu MOFs for efficient light hydrocarbon separation. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2408-2412.	6.0	27
45	Balancing crystallinity and specific surface area of metal-organic framework derived nickel hydroxide for high-performance supercapacitor. <i>Electrochimica Acta</i> , 2018, 284, 202-210.	5.2	38
46	A fluorine-functionalized microporous In-MOF with high physicochemical stability for light hydrocarbon storage and separation. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2445-2449.	6.0	59
47	Exposed Equatorial Positions of Metal Centers via Sequential Ligand Elimination and Installation in MOFs. <i>Journal of the American Chemical Society</i> , 2018, 140, 10814-10819.	13.7	70
48	A non-interpenetrating lead-organic framework with large channels based on 1D tube-shaped SBUs. <i>Chemical Communications</i> , 2017, 53, 5694-5697.	4.1	25
49	Metal-Organic Framework Derived Porous Hollow Co <sub>3</sub> O <sub>4</sub> /N-C Polyhedron Composite with Excellent Energy Storage Capability. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 10602-10609.	8.0	127
50	Stepwise Synthesis of Diverse Isomer MOFs via Metal-Ion Metathesis in a Controlled Single-Crystal-to-Single-Crystal Transformation. <i>Crystal Growth and Design</i> , 2017, 17, 4084-4089.	3.0	29
51	A multi-aromatic hydrocarbon unit induced hydrophobic metal-organic framework for efficient C <sub>2</sub> /C <sub>1</sub> hydrocarbon and oil/water separation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1168-1175.	10.3	113
52	Fluorescence turn-on detection of uric acid by a water-stable metal-organic nanotube with high selectivity and sensitivity. <i>Journal of Materials Chemistry C</i> , 2017, 5, 601-606.	5.5	48
53	A Stable Amino-Functionalized Interpenetrated Metal-Organic Framework Exhibiting Gas Selectivity and Pore-Size-Dependent Catalytic Performance. <i>Inorganic Chemistry</i> , 2017, 56, 13634-13637.	4.0	34
54	Excitation-wavelength scaling of terahertz radiation in alkali vapor plasmas. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	6

#	ARTICLE	IF	CITATIONS
55	Flexible Zirconium MOFs as Bromine-Containing Nanocontainers for Bromination Reactions under Ambient Conditions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14622-14626.	13.8	65
56	Flexible Zirconium MOFs as Bromine-Containing Nanocontainers for Bromination Reactions under Ambient Conditions. <i>Angewandte Chemie</i> , 2017, 129, 14814-14818.	2.0	13
57	Solution-processed single crystal microsheets of a novel dimeric phthalocyanine-involved triple-decker for high-performance ambipolar organic field effect transistors. <i>Chemical Communications</i> , 2017, 53, 12754-12757.	4.1	25
58	Enhanced THz-to-IR emission from gas-surrounded metallic nanostructures by femtosecond laser irradiation. <i>Optics Communications</i> , 2016, 381, 414-417.	2.1	1
59	Wavelength Scaling of Terahertz Wave Absorption via Preformed Air Plasma. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2016, 6, 846-850.	3.1	5
60	Cyclodextrin-Based Metal-Organic Nanotube as Fluorescent Probe for Selective Turn-On Detection of Hydrogen Sulfide in Living Cells Based on H <sub>2</sub> S-Involved Coordination Mechanism. <i>Scientific Reports</i> , 2016, 6, 21951.	3.3	33
61	Pentapyrene-Based Luminescent Cu (II) MOF Exhibiting Selective Gas Adsorption and Unprecedentedly High-Sensitivity Detection of Nitroaromatic Compounds (NACs). <i>Scientific Reports</i> , 2016, 6, 20672.	3.3	51
62	Crystal structures, topological analysis and luminescence properties of three coordination polymers based on a semi-rigid ligand and N-donor ligand linkers. <i>New Journal of Chemistry</i> , 2016, 40, 5957-5965.	2.8	19
63	Expanded Porous Metal-Organic Frameworks by SCSC: Organic Building Units Modifying and Enhanced Gas-Adsorption Properties. <i>Inorganic Chemistry</i> , 2016, 55, 6420-6425.	4.0	33
64	Iron(III) Porphyrin-Based Porous Material as Photocatalyst for Highly Efficient and Selective Degradation of Congo Red. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 599-604.	2.2	53
65	Metal-organic frameworks based luminescent materials for nitroaromatics sensing. <i>CrystEngComm</i> , 2016, 18, 193-206.	2.6	235
66	Synthesis, Structures, and Fluorescent Properties of Three Cobalt-Based Coordination Polymers with a Rigid Tripodal Carboxylate Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 31-35.	1.2	3
67	Unprecedented Solvent-Dependent Sensitivities in Highly Efficient Detection of Metal Ions and Nitroaromatic Compounds by a Fluorescent Barium Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2016, 55, 1782-1787.	4.0	87
68	Synthesis, structure, and properties of a 3D porous Zn( $\text{terpyridine}$ ) MOF constructed from a terpyridine-based ligand. <i>RSC Advances</i> , 2016, 6, 16575-16580.	3.6	21
69	Multifunctional lanthanide-organic frameworks for fluorescent sensing, gas separation and catalysis. <i>Dalton Transactions</i> , 2016, 45, 3743-3749.	3.3	74
70	A lead-porphyrin metal-organic framework: gas adsorption properties and electrocatalytic activity for water oxidation. <i>Dalton Transactions</i> , 2016, 45, 61-65.	3.3	73
71	Metal- $\kappa$ on Metathesis and Properties of Triarylboron-Functionalized Metal-Organic Frameworks. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1535-1540.	3.3	10
72	Lanthanide metal-organic frameworks containing a novel flexible ligand for luminescence sensing of small organic molecules and selective adsorption. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12777-12785.	10.3	171

#	ARTICLE	IF	CITATIONS
73	Crystal structures, topologies and luminescent properties of three Zn( $\text{C}_6\text{H}_4\text{N}_2\text{O}_2$ )/Cd( $\text{C}_6\text{H}_4\text{N}_2\text{O}_2$ ) coordination networks based on naphthalene-2,6-dicarboxylic acid and different bis(imidazole) linkers. RSC Advances, 2015, 5, 16190-16198.	3.6	24
74	Syntheses, Crystal Structures, and Properties of Four Metal-Organic Complexes Based on 1,4,5,6,7,7-Hexachlorobicyclo[2.2.1]hept-5-ene-2,3-dicarboxylic Acid. Crystal Growth and Design, 2015, 15, 4198-4205.	3.0	10
75	Porous barium-organic frameworks with highly efficient catalytic capacity and fluorescence sensing ability. Journal of Materials Chemistry A, 2015, 3, 21545-21552.	10.3	46
76	Solvent modulated assembly of two Zn metal-organic frameworks: syntheses, luminescence, and gas adsorption properties. CrystEngComm, 2015, 17, 6591-6597.	2.6	16
77	Fluorescent selectivity for small molecules of three Zn-MOFs with different topologies based on a tetracarboxylate ligand. RSC Advances, 2015, 5, 62982-62988.	3.6	22
78	Tuning the Dimensionality of Interpenetration in a Pair of Framework-Catenation Isomers To Achieve Selective Adsorption of $\text{CO}_2$ and Fluorescent Sensing of Metal Ions. Inorganic Chemistry, 2015, 54, 6084-6086.	4.0	22
79	Terahertz wave absorption via femtosecond laser-filament concatenation. Optical Engineering, 2015, 54, 046104.	1.0	0
80	Luminescent Terbium-Organic Framework Exhibiting Selective Sensing of Nitroaromatic Compounds (NACs). Crystal Growth and Design, 2015, 15, 2589-2592.	3.0	107
81	A Zn Metal-Organic Framework with High Stability and Sorption Selectivity for $\text{CO}_2$ . Inorganic Chemistry, 2015, 54, 10587-10592.	4.0	26
82	A multifunctional Eu MOF as a fluorescent pH sensor and exhibiting highly solvent-dependent adsorption and degradation of rhodamine B. Journal of Materials Chemistry A, 2015, 3, 24016-24021.	10.3	154
83	Two nanocage anionic metal-organic frameworks with rhf topology and $\{[\text{M}(\text{H}_2\text{O})_6]^{12+}\}^{12+}$ charge aggregation for rapid and selective adsorption of cationic dyes. Chemical Communications, 2014, 50, 14674-14677.	4.1	110
84	Syntheses, Crystal Structures, and Properties of Two 2-Fold Interpenetrating Metal-Organic Frameworks Based on a Trigonal Rigid Ligand. Crystal Growth and Design, 2014, 14, 6521-6527.	3.0	12
85	Synthesis, Structure, and Luminescent Properties of Three Coordination Compounds Based on <i>in situ</i> Generated Tetrazolate and Carboxylate Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1408-1412.	1.2	1
86	Synthesis, structure, and magnetism of three manganese-organic framework with PtS topology. Science China Chemistry, 2014, 57, 1507-1513.	8.2	6
87	Achieving a Rare Breathing Behavior in a Polycatenated 2D to 3D Net through a Pillar-Ligand Extension Strategy. Chemistry - A European Journal, 2014, 20, 649-652.	3.3	38
88	Five MOFs with different topologies based on anthracene functionalized tetracarboxylic acid: syntheses, structures, and properties. CrystEngComm, 2014, 16, 2917-2928.	2.6	33
89	Investigation of the effect of pore size on gas uptake in two fsc metal-organic frameworks. Chemical Communications, 2014, 50, 4911.	4.1	29
90	Synthesis of Two Triarylboron-Functionalized Metal-Organic Frameworks: In Situ Decarboxylic Reaction, Structure, Photoluminescence, and Gas Adsorption Properties. Inorganic Chemistry, 2014, 53, 11206-11212.	4.0	32

#	ARTICLE	IF	CITATIONS
91	Improving the Porosity and Catalytic Capacity of a Zinc Paddlewheel Metal-Organic Framework (MOF) through Metal-Ion Metathesis in a Single-Crystal-to-Single-Crystal Fashion. <i>Inorganic Chemistry</i> , 2014, 53, 10649-10653.	4.0	60
92	Porous Zirconium Metal-Organic Framework Constructed from 2D to 3D Interpenetration Based on a 3,6-Connected kgd Net. <i>Inorganic Chemistry</i> , 2014, 53, 7086-7088.	4.0	118
93	A Strongly Self-Catenated Metal-Organic Framework with the Highest Topological Density among 3,4-Coordinated Nets. <i>Inorganic Chemistry</i> , 2013, 52, 10732-10734.	4.0	23
94	A tubular europium-organic framework exhibiting selective sensing of Fe <sup>3+</sup> and Al <sup>3+</sup> over mixed metal ions. <i>Chemical Communications</i> , 2013, 49, 11557.	4.1	286
95	Two birds with one stone: Self-assembly of metal-organic coordination complexes with discrete metallamacrocyclic and 1D zigzag chain based on a flexible dicarboxylate ligand. <i>Inorganic Chemistry Communication</i> , 2013, 28, 75-80.	3.9	7
96	Bright-yellow to orange-red thermochromic luminescence of an AgI <sub>6</sub> ZnI <sub>2</sub> heterometallic aggregate. <i>Dalton Transactions</i> , 2013, 42, 3528.	3.3	60
97	Anion-controlled formation of two silver lamella frameworks based on in situ ligand reaction. <i>CrystEngComm</i> , 2013, 15, 8877.	2.6	14
98	Syntheses, structures and characteristics of four metal-organic coordination polymers based on 5-hydroxyisophthalic acid and N-containing auxiliary ligands. <i>CrystEngComm</i> , 2013, 15, 9578.	2.6	29
99	Crystal structure and temperature-dependent fluorescent property of a 2D cadmium (II) complex based on 3,6-dibromobenzene-1,2,4,5-tetracarboxylic acid. <i>Journal of Molecular Structure</i> , 2013, 1038, 73-77.	3.6	7
100	Porous Lanthanide-Organic Frameworks: Control over Interpenetration, Gas Adsorption, and Catalyst Properties. <i>Crystal Growth and Design</i> , 2013, 13, 3154-3161.	3.0	80
101	Halogen Bonding in the Assembly of a 1D Cadmium(II) Polymer Based on Chlorendic Acid (HET). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1269-1273.	1.2	4
102	Intense and ultra-broadband Terahertz generation from metal foil. , 2013, , .		0
103	Phase characterization in broadband THz wave detection through field-induced second harmonic generation. <i>Optics Express</i> , 2012, 20, 75.	3.4	12
104	C <sub>3i</sub> -Symmetric Octanuclear Cadmium Cages: Double-Anion-Templated Synthesis, Formation Mechanism, and Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 16525-16530.	3.3	15
105	Two novel isostructural Ln (III) 3D frameworks supported by 3,6-dibromobenzene-1,2,4,5-tetracarboxylic acid and in situ generated oxalate: Syntheses, characterization and photoluminescent property. <i>Inorganic Chemistry Communication</i> , 2012, 26, 51-55.	3.9	14
106	Crystal Structure Diversities Based on 4,4'-(2,3,6,7-Tetramethoxyanthracene-9,10-diyl)dibenzoic Acid: From 2D Layer to 3D Net Framework. <i>Crystal Growth and Design</i> , 2012, 12, 6215-6222.	3.0	31
107	Cadmium-Organic Coordination Polymers Based on N-Donor Ligands and Small Anions: Syntheses, Crystal Structures, and Photoluminescent Properties. <i>Crystal Growth and Design</i> , 2012, 12, 5649-5654.	3.0	43
108	Solvent-controlled Cd(II) metal-organic frameworks constructed from a tetrapodal silicon-based linker. <i>RSC Advances</i> , 2012, 2, 5543.	3.6	30

#	ARTICLE	IF	CITATIONS
109	Stepwise Construction of a Ag <sup>I</sup> <sub>9</sub> â€“Cu <sup>II</sup> <sub>4</sub> Heterometallic Cluster Incorporating Two Unusual Vertexâ€“Shared Trigonalâ€“Bipyramidal Silver Polyhedra. Chemistry - an Asian Journal, 2012, 7, 1558-1561.	3.3	25
110	A one-dimensional coordination polymer based on a di-Schiff base supported trinuclear Cu <sup>II</sup> subunit. Acta Crystallographica Section C: Crystal Structure Communications, 2012, 68, m97-m99.	0.4	2
111	Two Solvent-Dependent Zinc(II) Supramolecular Isomers: Rare <b>kgd</b> and Lonsdaleite Network Topologies Based on a Tripodal Flexible Ligand. Crystal Growth and Design, 2011, 11, 5182-5187.	3.0	133
112	Dielectric and Lattice Vibrational Spectra of Cu <sub>2</sub> O Hollow Spheres in the Range of 1â€“10 THz. Journal of Physical Chemistry C, 2011, 115, 10333-10337.	3.1	15
113	Absorption of Carbon Dioxide with Ionic Liquid in a Rotating Packed Bed Contactor: Mass Transfer Study. Industrial & Engineering Chemistry Research, 2011, 50, 6957-6964.	3.7	105
114	Structural and property comparison between the diâ€“piperidinyllâ€“and diâ€“pyrrolidinyllâ€“substituted perylene tetracarboxylic diimides. Journal of Physical Organic Chemistry, 2011, 24, 621-629.	1.9	17
115	Terahertz wave reference-free phase imaging for identification of explosives. Applied Physics Letters, 2008, 92, 091117.	3.3	42
116	A phase feature extraction technique for terahertz reflection spectroscopy. Applied Physics Letters, 2008, 92, 221106.	3.3	18
117	Optical property and spectroscopy studies on the explosive 2,4,6-trinitro-1,3,5-trihydroxybenzene in the terahertz range. Applied Physics Letters, 2008, 92, .	3.3	17
118	Ferrocene Induced Perpetual Recovery on All Elemental Defects in Perovskite Solar Cells. Angewandte Chemie, 0, , .	2.0	0