

# Liang-Liang Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111  
papers

5,596  
citations

36  
h-index

73  
g-index

120  
ext. papers

6,795  
ext. citations

7.3  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
111	Efficient Asymmetric Biomimetic Aldol Reaction of Glycinates and Trifluoromethyl Ketones by Carbonyl Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 20328-20334	3.6	1
110	Efficient Asymmetric Biomimetic Aldol Reaction of Glycinates and Trifluoromethyl Ketones by Carbonyl Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 20166-20172	16.4	5
109	Metal-Organic Framework-Based Hierarchically Porous Materials: Synthesis and Applications. <i>Chemical Reviews</i> , <b>2021</b> , 121, 12278-12326	68.1	110
108	Rapid room-temperature synthesis of a porphyrinic MOF for encapsulating metal nanoparticles. <i>Nano Research</i> , <b>2021</b> , 14, 444-449	10	10
107	Ligand-Directed Conformational Control over Porphyrinic Zirconium Metal-Organic Frameworks for Size-Selective Catalysis. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 12129-12137	16.4	15
106	Construction of hexanuclear Ce(III) metal porphyrin frameworks through linker induce strategy for CO <sub>2</sub> capture and conversion. <i>Catalysis Today</i> , <b>2021</b> , 374, 38-43	5.3	4
105	Ferrocene-Induced Perpetual Recovery on All Elemental Defects in Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 25567-25574	16.4	10
104	An imidazole functionalized copper(II)-organic framework for highly selective sensing of picric acid and metal ions in water. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5803	3.1	5
103	Post-Synthetic Modification of Zirconium Metal-Organic Frameworks for Adsorption and Separation of Light Hydrocarbons. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 4882-4885	3.5	6
102	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> , <b>2020</b> , 59, 695-704	5.1	12
101	Molecular Pivot-Hinge Installation to Evolve Topology in Rare-Earth Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 16682-16690	16.4	29
100	Terahertz Wave Modulation by Pre-plasma Using Different Laser Wavelength. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , <b>2019</b> , 40, 962-970	2.2	
99	A rare (3,12)-connected zirconium metal-organic framework with efficient iodine adsorption capacity and pH sensing. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 13173-13179	13	37
98	Cooperative Sieving and Functionalization of Zr Metal-Organic Frameworks through Insertion and Post-Modification of Auxiliary Linkers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 22390-22397	9.5	35
97	Synthesis of a Difunctionalized Pillar[5]arene with Hydroxyl and Amino Groups at A1/A2 Positions. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 2508-2512	3.2	5
96	Amphipathic Pentiptycene-Based Water-Resistant Cu-MOF for Efficient Oil/Water Separation. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 5384-5387	5.1	16
95	Bimolecular proximity of a ruthenium complex and methylene blue within an anionic porous coordination cage for enhancing photocatalytic activity. <i>Chemical Science</i> , <b>2019</b> , 10, 3529-3534	9.4	20

94	Four novel Co(II) metal-organic frameworks based on semi-rigid ligand and their secondary building units transformation. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1197, 87-95	3.4	5
93	Catalytic reactions within the cavity of coordination cages. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 4707-4730	8.5	172
92	Molecular Pivot-Hinge Installation to Evolve Topology in Rare-Earth Metal-Organic Frameworks. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 16835-16843	3.6	3
91	Uncovering Structural Opportunities for Zirconium Metal-Organic Frameworks via Linker Desymmetrization. <i>Advanced Science</i> , <b>2019</b> , 6, 1901855	13.6	13
90	Metal-Organic Frameworks: Uncovering Structural Opportunities for Zirconium Metal-Organic Frameworks via Linker Desymmetrization (Adv. Sci. 23/2019). <i>Advanced Science</i> , <b>2019</b> , 6, 1970141	13.6	78
89	Effect of Functional Groups on the Adsorption of Light Hydrocarbons in fmj-type Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 832-838	3.5	25
88	Rational Design and Synthesis of Hexanuclear Rare Earth the-a Metal-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> , <b>2019</b> , 19, 1509-1513	3.5	11
87	Retrosynthesis of multi-component metal-organic frameworks. <i>Nature Communications</i> , <b>2018</b> , 9, 808	17.4	122
86	High-selectivity Detection of 2,4,6-Trinitrophenol Based on Fluorescent Mg-MOF-74 in Ethanol Solution. <i>Chemical Research in Chinese Universities</i> , <b>2018</b> , 34, 175-179	2.2	5
85	Pore-Environment Engineering with Multiple Metal Sites in Rare-Earth Porphyrinic Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 5095-5099	16.4	103
84	Excitation-wavelength-dependent terahertz wave modulation via preformed air plasma. <i>Applied Physics Letters</i> , <b>2018</b> , 112, 171106	3.4	7
83	Terahertz Wave Generation From Noble Gas Plasmas Induced by a Wavelength-Tunable Femtosecond Laser. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2018</b> , 8, 299-304	3.4	12
82	Creating Hierarchical Pores by Controlled Linker Thermolysis in Multivariate Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2363-2372	16.4	200
81	Stable Metal-Organic Frameworks: Design, Synthesis, and Applications. <i>Advanced Materials</i> , <b>2018</b> , 30, e1704303	24	1138
80	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> , <b>2018</b> , 5, 1314-1320	6.8	17
79	A luminescent ytterbium(III)-organic framework for highly selective sensing of 2,4,6-trinitrophenol. <i>Journal of Solid State Chemistry</i> , <b>2018</b> , 262, 186-190	3.3	12
78	An Amino-Functionalized Metal-Organic Framework, Based on a Rare Ba (COO) (NO <sub>2</sub> ) Cluster, for Efficient C <sub>2</sub> H <sub>2</sub> /C <sub>2</sub> H <sub>4</sub> /C <sub>2</sub> H <sub>6</sub> Separation and Preferential Catalytic Performance. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 2137-2143	4.8	49
77	Solvent-induced framework-interpenetration isomers of Cu MOFs for efficient light hydrocarbon separation. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2408-2412	6.8	19

76	Balancing crystallinity and specific surface area of metal-organic framework derived nickel hydroxide for high-performance supercapacitor. <i>Electrochimica Acta</i> , <b>2018</b> , 284, 202-210	6.7	29
75	A fluorine-functionalized microporous In-MOF with high physicochemical stability for light hydrocarbon storage and separation. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2445-2449	6.8	41
74	Exposed Equatorial Positions of Metal Centers via Sequential Ligand Elimination and Installation in MOFs. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 10814-10819	16.4	50
73	[TiZrO(COO)] Cluster: An Ideal Inorganic Building Unit for Photoactive Metal-Organic Frameworks. <i>ACS Central Science</i> , <b>2018</b> , 4, 105-111	16.8	148
72	Amino-functionalized MOFs with high physicochemical stability for efficient gas storage/separation, dye adsorption and catalytic performance. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 24486-24495	13	100
71	Stable Metal-Organic Frameworks: Design, Synthesis, and Applications (Adv. Mater. 37/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870277	24	33
70	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> , <b>2018</b> , 20, 4313-4320	3.3	21
69	A non-interpenetrating lead-organic framework with large channels based on 1D tube-shaped SBUs. <i>Chemical Communications</i> , <b>2017</b> , 53, 5694-5697	5.8	24
68	Metal-Organic Framework Derived Porous Hollow CoO/N-C Polyhedron Composite with Excellent Energy Storage Capability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 10602-10609	9.5	101
67	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> , <b>2017</b> , 17, 4084-4089	3.5	24
66	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> , <b>2017</b> , 5, 1168-1175	13	83
65	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> , <b>2017</b> , 5, 601-606	7.1	35
64	A Stable Amino-Functionalized Interpenetrated Metal-Organic Framework Exhibiting Gas Selectivity and Pore-Size-Dependent Catalytic Performance. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 13634-13637	5.1	22
63	Excitation-wavelength scaling of terahertz radiation in alkali vapor plasmas. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 111104	3.4	3
62	Flexible Zirconium MOFs as Bromine-Nanocontainers for Bromination Reactions under Ambient Conditions. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 14622-14626	16.4	48
61	Flexible Zirconium MOFs as Bromine-Nanocontainers for Bromination Reactions under Ambient Conditions. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 14814-14818	3.6	12
60	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> , <b>2017</b> , 53, 12754-12757	5.8	19
59	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> , <b>2016</b> , 6, 21951	4.9	25

58	Penttiptycene-Based Luminescent Cu (II) MOF Exhibiting Selective Gas Adsorption and Unprecedentedly High-Sensitivity Detection of Nitroaromatic Compounds (NACs). <i>Scientific Reports</i> , <b>2016</b> , 6, 20672	4.9	46
57	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> , <b>2016</b> , 40, 5957-5965	3.6	18
56	Expanded Porous Metal-Organic Frameworks by SCSC: Organic Building Units Modifying and Enhanced Gas-Adsorption Properties. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 6420-5	5.1	31
55	Iron(III) Porphyrin-Based Porous Material as Photocatalyst for Highly Efficient and Selective Degradation of Congo Red. <i>Macromolecular Chemistry and Physics</i> , <b>2016</b> , 217, 599-604	2.6	34
54	Metal-Organic frameworks based luminescent materials for nitroaromatics sensing. <i>CrystEngComm</i> , <b>2016</b> , 18, 193-206	3.3	210
53	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> , <b>2016</b> , 642, 31-35	1.3	3
52	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> , <b>2016</b> , 55, 1782-7	5.1	76
51	Synthesis, structure, and properties of a 3D porous Zn(II) MOF constructed from a terpyridine-based ligand. <i>RSC Advances</i> , <b>2016</b> , 6, 16575-16580	3.7	20
50	Multifunctional lanthanide-organic frameworks for fluorescent sensing, gas separation and catalysis. <i>Dalton Transactions</i> , <b>2016</b> , 45, 3743-9	4.3	73
49	A lead-porphyrin metal-organic framework: gas adsorption properties and electrocatalytic activity for water oxidation. <i>Dalton Transactions</i> , <b>2016</b> , 45, 61-5	4.3	65
48	Enhanced THz-to-IR emission from gas-surrounded metallic nanostructures by femtosecond laser irradiation. <i>Optics Communications</i> , <b>2016</b> , 381, 414-417	2	
47	Wavelength Scaling of Terahertz Wave Absorption via Preformed Air Plasma. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2016</b> , 6, 846-850	3.4	3
46	Crystal structures, topologies and luminescent properties of three Zn(II)/Cd(II) coordination networks based on naphthalene-2,6-dicarboxylic acid and different bis(imidazole) linkers. <i>RSC Advances</i> , <b>2015</b> , 5, 16190-16198	3.7	22
45	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. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 4198-4205	3.5	10
44	Porous barium-organic frameworks with highly efficient catalytic capacity and fluorescence sensing ability. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 21545-21552	13	39
43	Solvent modulated assembly of two Zn metal-organic frameworks: syntheses, luminescence, and gas adsorption properties. <i>CrystEngComm</i> , <b>2015</b> , 17, 6591-6597	3.3	12
42	Fluorescent selectivity for small molecules of three Zn-MOFs with different topologies based on a tetracarboxylate ligand. <i>RSC Advances</i> , <b>2015</b> , 5, 62982-62988	3.7	19
41	Tuning the Dimensionality of Interpenetration in a Pair of Framework-Catenation Isomers To Achieve Selective Adsorption of CO <sub>2</sub> and Fluorescent Sensing of Metal Ions. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 6084-6	5.1	21

40	Terahertz wave absorption via femtosecond laser-filament concatenation. <i>Optical Engineering</i> , <b>2015</b> , 54, 046104	1.1	
39	Luminescent Terbium-Organic Framework Exhibiting Selective Sensing of Nitroaromatic Compounds (NACs). <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 2589-2592	3.5	100
38	A Zn Metal-Organic Framework with High Stability and Sorption Selectivity for CO <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10587-92	5.1	24
37	A multifunctional Eu MOF as a fluorescent pH sensor and exhibiting highly solvent-dependent adsorption and degradation of rhodamine B. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 24016-24021	13	138
36	Metal-Ion Metathesis and Properties of Triarylboron-Functionalized Metal-Organic Frameworks. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 1535-40	4.5	10
35	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> , <b>2015</b> , 3, 12777-12785	13.5	154
34	Achieving a rare breathing behavior in a polycatenated 2D to 3D net through a pillar-ligand extension strategy. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 649-52	4.8	37
33	Five MOFs with different topologies based on anthracene functionalized tetracarboxylic acid: syntheses, structures, and properties. <i>CrystEngComm</i> , <b>2014</b> , 16, 2917-2928	3.3	33
32	Investigation of the effect of pore size on gas uptake in two metal-organic frameworks. <i>Chemical Communications</i> , <b>2014</b> , 50, 4911-4	5.8	25
31	Synthesis of two triarylboron-functionalized metal-organic frameworks: in situ decarboxylic reaction, structure, photoluminescence, and gas adsorption properties. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 11206-12	5.1	27
30	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> , <b>2014</b> , 53, 10649-53	5.1	56
29	Porous zirconium metal-organic framework constructed from 2D - $\beta$ D interpenetration based on a 3,6-connected kgd net. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 7086-8	5.1	103
28	Two nanocage anionic metal-organic frameworks with rhf topology and {[M(H <sub>2</sub> O) <sub>6</sub> ] <sub>6</sub> }(12+) charge aggregation for rapid and selective adsorption of cationic dyes. <i>Chemical Communications</i> , <b>2014</b> , 50, 14674-7	5.8	102
27	Syntheses, Crystal Structures, and Properties of Two 2-Fold Interpenetrating Metal-Organic Frameworks Based on a Trigonal Rigid Ligand. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 6521-6527	3.5	11
26	Synthesis, Structure, and Luminescent Properties of Three Coordination Compounds Based on in situ Generated Tetrazolate and Carboxylate Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2014</b> , 640, 1408-1412	1.3	
25	Synthesis, structure, and magnetism of three manganese-organic framework with PtS topology. <i>Science China Chemistry</i> , <b>2014</b> , 57, 1507-1513	7.9	4
24	A "strongly" self-catenated metal-organic framework with the highest topological density among 3,4-coordinated nets. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 10732-4	5.1	22
23	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> , <b>2013</b> , 49, 11557-9	5.8	259



22	Two birds with one stone: Self-assembly of metal-organic coordination complexes with discrete metallamacrocycle and 1D zigzag chain based on a flexible dicarboxylate ligand. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 28, 75-80	3.1	7
21	Bright-yellow to orange-red thermochromic luminescence of an AgI6-ZnI2 heterometallic aggregate. <i>Dalton Transactions</i> , <b>2013</b> , 42, 3528-32	4.3	52
20	Anion-controlled formation of two silver lamella frameworks based on in situ ligand reaction. <i>CrystEngComm</i> , <b>2013</b> , 15, 8877	3.3	14
19	Syntheses, structures and characteristics of four metal-organic coordination polymers based on 5-hydroxyisophthalic acid and N-containing auxiliary ligands. <i>CrystEngComm</i> , <b>2013</b> , 15, 9578	3.3	28
18	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> , <b>2013</b> , 1038, 73-77	3.4	7
17	Porous Lanthanide-Organic Frameworks: Control over Interpenetration, Gas Adsorption, and Catalyst Properties. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 3154-3161	3.5	71
16	Halogen Bonding in the Assembly of a 1D Cadmium(II) Polymer Based on Chlorendic Acid (HET). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2013</b> , 639, 1269-1273	1.3	4
15	A one-dimensional coordination polymer based on a di-Schiff base supported trinuclear CuII subunit. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2012</b> , 68, m97-9		0
14	C(3i)-symmetric octanuclear cadmium cages: double-anion-templated synthesis, formation mechanism, and properties. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 16525-30	4.8	15
13	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> , <b>2012</b> , 26, 51-55	3.1	14
12	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> , <b>2012</b> , 12, 6215-6222	3.5	30
11	Cadmium-Organic Coordination Polymers Based on N-Donor Ligands and Small Anions: Syntheses, Crystal Structures, and Photoluminescent Properties. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 5649-5654	3.5	43
10	Solvent-controlled Cd(II) metal-organic frameworks constructed from a tetrapodal silicon-based linker. <i>RSC Advances</i> , <b>2012</b> , 2, 5543	3.7	30
9	Stepwise construction of a Ag(I)9-Cu(II)4 heterometallic cluster incorporating two unusual vertex-shared trigonal-bipyramidal silver polyhedra. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 1558-61	4.5	22
8	Phase characterization in broadband THz wave detection through field-induced second harmonic generation. <i>Optics Express</i> , <b>2012</b> , 20, 75-80	3.3	9
7	Absorption of Carbon Dioxide with Ionic Liquid in a Rotating Packed Bed Contactor: Mass Transfer Study. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 6957-6964	3.9	88
6	Structural and property comparison between the di-piperidinyl- and di-pyrrolidinyl-substituted perylene tetracarboxylic diimides. <i>Journal of Physical Organic Chemistry</i> , <b>2011</b> , 24, 621-629	2.1	14
5	Two Solvent-Dependent Zinc(II) Supramolecular Isomers: Rare kgd and Lonsdaleite Network Topologies Based on a Tripodal Flexible Ligand. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 5182-5187	3.5	128

4	Dielectric and Lattice Vibrational Spectra of Cu <sub>2</sub> O Hollow Spheres in the Range of 10 THz. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 10333-10337	3-8	15
3	Terahertz wave reference-free phase imaging for identification of explosives. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 091117	3-4	37
2	A phase feature extraction technique for terahertz reflection spectroscopy. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 221106	3-4	16
1	Optical property and spectroscopy studies on the explosive 2,4,6-trinitro-1,3,5-trihydroxybenzene in the terahertz range. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 101106	3-4	15