Mao-Chun Hong

List of Publications by Year
in descending order

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348 papers	21,493 citations	8180 76 h-index	13770 129 g-index
368 all docs	368 docs citations	368 times ranked	15616 citing authors

#	Article	IF	Citations
1	A Luminescent Microporous Metalâ€“Organic Framework for the Fast and Reversible Detection of High Explosives. Angewandte Chemie - International Edition, 2009, 48, 2334-2338.	13.8	1,168
2	Metalâ€“organic frameworks based on flexible ligands (FL-MOFs): structures and applications. Chemical Society Reviews, 2014, 43, 5867-5895.	38.1	739
3	Highly graphitized nitrogen-doped porous carbon nanopolyhedra derived from ZIF-8 nanocrystals as efficient electrocatalysts for oxygen reduction reactions. Nanoscale, 2014, 6, 6590-6602.	5.6	720
4	Stabilizing Cesium Lead Halide Perovskite Lattice through Mn(II) Substitution for Air-Stable Light-Emitting Diodes. Journal of the American Chemical Society, 2017, 139, 11443-11450.	13.7	705
5	Beryllium-free Li4Sr(BO3)2 for deep-ultraviolet nonlinear optical applications. Nature Communications, 2014, 5, 4019.	12.8	384
6	Deep-Ultraviolet Transparent Phosphates RbBa₂(PO₃)₅ and Rb₂Ba₃(P₂O₇)₂ Show Nonlinear Optical Activity from Condensation of [PO₄]^{3â€“} Units. Journal of the American Chemical Society, 2014, 136, 8560-8563.	13.7	297
7	A Silver(I) Coordination Polymer Chain Containing Nanosized Tubes with Anionic and Solvent Molecule Guests. Angewandte Chemie - International Edition, 2000, 39, 2468-2470.	13.8	295
8	A porous metal-organic framework with ultrahigh acetylene uptake capacity under ambient conditions. Nature Communications, 2015, 6, 7575.	12.8	288
9	Carbon dioxide capture and conversion by an acid-base resistant metal-organic framework. Nature Communications, 2017, 8, 1233.	12.8	286
10	Controllable Coordination-Driven Self-Assembly: From Discrete Metallocages to Infinite Cage-Based Frameworks. Accounts of Chemical Research, 2015, 48, 201-210.	15.6	276
11	Beryllium-Free Rb₃Al₃B₃O₁₀F with Reinforced Interlayer Bonding as a Deep-Ultraviolet Nonlinear Optical Crystal. Journal of the American Chemical Society, 2015, 137, 2207-2210.	13.7	237
12	Two-Dimensional Hybrid Perovskite-Type Ferroelectric for Highly Polarization-Sensitive Shortwave Photodetection. Journal of the American Chemical Society, 2019, 141, 2623-2629.	13.7	237
13	Tailored Engineering of an Unusual (C₄H₉NH₃)₂(CH₃NH₃)₂Pb₃Br Twoâ€Dimensional Multilayered Perovskite Ferroelectric for a Highâ€Performance Photodetector. Angewandte Chemie - International Edition, 2017, 56, 12150-12154.	13.8	229
14	Designing a Beryllium-Free Deep-Ultraviolet Nonlinear Optical Material without a Structural Instability Problem. Journal of the American Chemical Society, 2016, 138, 2961-2964.	13.7	220
15	A Nanometer-Sized Metallosupramolecular Cube withOhSymmetry. Journal of the American Chemical Society, 2000, 122, 4819-4820.	13.7	215
16	Enhancing CO2 electrolysis through synergistic control of non-stoichiometry and doping to tune cathode surface structures. Nature Communications, 2017, 8, 14785.	12.8	215
17	Tailored Synthesis of a Nonlinear Optical Phosphate with a Short Absorption Edge. Angewandte Chemie - International Edition, 2015, 54, 4217-4221.	13.8	205
18	A multi-metal-cluster MOF with Cu4I4 and Cu6S6 as functional groups exhibiting dual emission with both thermochromic and near-IR character. Chemical Science, 2013, 4, 1484.	7.4	202

#	Article	IF	Citations
19	Non-Centrosymmetric RbNaMgP₂O₇ with Unprecedented Thermo-Induced Enhancement of Second Harmonic Generation. Journal of the American Chemical Society, 2018, 140, 1592-1595.	13.7	200
20	Bilayered Hybrid Perovskite Ferroelectric with Giant Two-Photon Absorption. Journal of the American Chemical Society, 2018, 140, 6806-6809.	13.7	185
21	Two Non-Ï€-Conjugated Deep-UV Nonlinear Optical Sulfates. Journal of the American Chemical Society, 2019, 141, 3833-3837.	13.7	183
22	Inorganicâ^'Organic Hybrid Coordination Polymers:Â A New Frontier for Materials Research. Crystal Growth and Design, 2007, 7, 10-14.	3.0	182
23	Hydrothermal syntheses, structures and properties of terephthalate-bridged polymeric complexes with zig-zag chain and channel structures. Dalton Transactions RSC, 2001, , 2335-2340.	2.3	180
24	A Photoferroelectric Perovskiteâ€Type Organometallic Halide with Exceptional Anisotropy of Bulk Photovoltaic Effects. Angewandte Chemie - International Edition, 2016, 55, 6545-6550.	13.8	175
25	Two polymeric 36-metal pure lanthanide nanosize clusters. Chemical Science, 2013, 4, 3104.	7.4	154
26	Control the Structure of Zr-Tetracarboxylate Frameworks through Steric Tuning. Journal of the American Chemical Society, 2017, 139, 16939-16945.	13.7	153
27	Highly selective carbon dioxide adsorption in a water-stable indiumâ€“organic framework material. Chemical Communications, 2012, 48, 9696.	4.1	148
28	Inchâ€Size Single Crystal of a Leadâ€Free Organicâ€“Inorganic Hybrid Perovskite for Highâ€Performance Photodetector. Advanced Functional Materials, 2018, 28, 1705467.	14.9	146
29	Copperâ€Catalyzed Intermolecular Amination of Acidic Aryl Cï£¿H Bonds with Primary Aromatic Amines. Advanced Synthesis and Catalysis, 2010, 352, 1301-1306.	4.3	145
30	An Unprecedented Biaxial Trilayered Hybrid Perovskite Ferroelectric with Directionally Tunable Photovoltaic Effects. Journal of the American Chemical Society, 2019, 141, 7693-7697.	13.7	145
31	Chiral Leadâ€Free Hybrid Perovskites for Selfâ€Powered Circularly Polarized Light Detection. Angewandte Chemie - International Edition, 2021, 60, 8415-8418.	13.8	144
32	An Unprecedented Antimony(III) Borate with Strong Linear and Nonlinear Optical Responses. Angewandte Chemie - International Edition, 2020, 59, 7793-7796.	13.8	143
33	Solidâ€State Reversible Quadratic Nonlinear Optical Molecular Switch with an Exceptionally Large Contrast. Advanced Materials, 2013, 25, 4159-4163.	21.0	136
34	In situ large-scale construction of sulfur-functionalized metalâ€“organic framework and its efficient removal of Hg(<scp>ii</scp>) from water. Journal of Materials Chemistry A, 2016, 4, 15370-15374.	10.3	135
35	Alloying nâ€Butylamine into CsPbBr₃ To Give a Twoâ€Dimensional Bilayered Perovskite Ferroelectric Material. Angewandte Chemie - International Edition, 2018, 57, 8140-8143.	13.8	135
36	The First 2D Hybrid Perovskite Ferroelectric Showing Broadband Whiteâ€Light Emission with High Color Rendering Index. Advanced Functional Materials, 2019, 29, 1805038.	14.9	134

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37	Distinct Molecular Motions in a Switchable Chromophore Dielectric 4â€N,Nâ€Dimethylaminoâ€4â€²â€Nâ€²â€methylstilbazolium Trifluoromethanesulfonate. Advanced Functional Materials, 2012, 22, 4855-4861.	12.0	133
38	A regenerative metalâ€“organic framework for reversible uptake of Cd(<scp>ii</scp>): from effective adsorption to in situ detection. Chemical Science, 2016, 7, 5983-5988.	7.4	133
39	Truncated octahedral coordination cage incorporating six tetranuclear-metal building blocks and twelve linear edges. Chemical Science, 2012, 3, 2321.	7.4	131
40	Effective visible-light driven CO₂photoreduction via a promising bifunctional iridium coordination polymer. Chemical Science, 2014, 5, 3808.	7.4	131
41	Deep-Ultraviolet Transparent Cs₂LiPO₄ Exhibits an Unprecedented Second Harmonic Generation. Chemistry of Materials, 2016, 28, 7110-7116.	6.7	130
42	Synthesis, Crystal Structure and Fluorescence of Two Novel Mixed-Ligand Cadmium Coordination Polymers with Different Structural Motifs. European Journal of Inorganic Chemistry, 2003, 2003, 2705-2710.	2.0	128
43	Exploring a Leadâ€free Semiconducting Hybrid Ferroelectric with a Zeroâ€Dimensional Perovskiteâ€like Structure. Angewandte Chemie - International Edition, 2016, 55, 11854-11858.	13.8	128
44	Syntheses, crystal structures and properties of two novel lanthanideâ€“carboxylate polymeric complexes. Dalton Transactions RSC, 2002, , 1847-1851.	2.3	126
45	A family of doped lanthanide metalâ€“organic frameworks for wide-range temperature sensing and tunable white light emission. Journal of Materials Chemistry C, 2017, 5, 1981-1989.	5.5	125
46	An Unprecedented Pillarâ€Cage Fluorinated Hybrid Porous Framework with Highly Efficient Acetylene Storage and Separation. Angewandte Chemie - International Edition, 2021, 60, 7547-7552.	13.8	120
47	Stable porphyrin Zr and Hf metalâ€“organic frameworks featuring 2.5 nm cages: high surface areas, SCSC transformations and catalyses. Chemical Science, 2015, 6, 3466-3470.	7.4	118
48	Plastic Transition to Switch Nonlinear Optical Properties Showing the Record High Contrast in a Single-Component Molecular Crystal. Journal of the American Chemical Society, 2015, 137, 15660-15663.	13.7	117
49	Roomâ€Temperature Ferroelectric Material Composed of a Twoâ€Dimensional Metal Halide Double Perovskite for Xâ€ray Detection. Angewandte Chemie - International Edition, 2020, 59, 13879-13884.	13.8	116
50	Polarizationâ€Driven Selfâ€Powered Photodetection in a Singleâ€Phase Biaxial Hybrid Perovskite Ferroelectric. Angewandte Chemie - International Edition, 2019, 58, 14504-14508.	13.8	114
51	Exploiting the Bulk Photovoltaic Effect in a 2D Trilayered Hybrid Ferroelectric for Highly Sensitive Polarized Light Detection. Angewandte Chemie - International Edition, 2020, 59, 3933-3937.	13.8	111
52	Hierarchical metalâ€“organic framework nanoflowers for effective CO₂transformation driven by visible light. Journal of Materials Chemistry A, 2015, 3, 15764-15768.	10.3	110
53	High-Temperature Antiferroelectric of Lead Iodide Hybrid Perovskites. Journal of the American Chemical Society, 2019, 141, 12470-12474.	13.7	108
54	Electricâ€Field Assisted Inâ€…Situ Hydrolysis of Bulk Metalâ€“Organic Frameworks (MOFs) into Ultrathin Metal Oxyhydroxide Nanosheets for Efficient Oxygen Evolution. Angewandte Chemie - International Edition, 2020, 59, 13101-13108.	13.8	108

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55	A palladium chelating complex of ionic water-soluble nitrogen-containing ligand: the efficient precatalyst for Suzukiâ€“Miyaura reaction in water. Green Chemistry, 2011, 13, 2100.	9.0	106
56	A non-interpenetrated porous metalâ€“organic framework with high gas-uptake capacity. Chemical Communications, 2011, 47, 9861.	4.1	106
57	Spacer Cation Alloying of a Homoconformational Carboxylate trans Isomer to Boost in-Plane Ferroelectricity in a 2D Hybrid Perovskite. Journal of the American Chemical Society, 2021, 143, 2130-2137.	13.7	106
58	A novel luminescent 3D polymer containing silver chains formed by ligand unsupported Agâ€“Ag interactions and organic spacers. Dalton Transactions RSC, 2002, , 291.	2.3	99
59	The 3D Channel Framework Based on Indium(III)-btec, and Its Ion-Exchange Properties (btec =) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	94
60	Two Types of 2D Layered Iodoargentates Based on Trimeric [Ag₃I₇] Secondary Building Units and Hexameric [Ag₆I₁₂] Ternary Building Units: Syntheses, Crystal Structures, and Efficient Visible Light Responding Photocatalytic Properties. Inorganic Chemistry, 2015, 54, 10593-10603.	4.0	94
61	Trilayered Lead Chloride Perovskite Ferroelectric Affording Self-Powered Visible-Blind Ultraviolet Photodetection with Large Zero-Bias Photocurrent. Journal of the American Chemical Society, 2020, 142, 55-59.	13.7	93
62	An unusual bifunctional Tb-MOF for highly sensitive sensing of Ba²⁺ ions and with remarkable selectivities for CO₂â€“N₂ and CO₂â€“CH₄. Journal of Materials Chemistry A, 2015, 3, 13526-13532.	10.3	91
63	Cooperation of Three Chromophores Generates the Waterâ€Resistant Nitrate Nonlinear Optical Material Bi₃TeO₆OH(NO₃)₂. Angewandte Chemie - International Edition, 2017, 56, 540-544.	13.8	91
64	pH-Responsive chelating N-heterocyclic dicarbene palladium(ii) complexes: recoverable precatalysts for Suzukiâ€“Miyaura reaction in pure water. Green Chemistry, 2011, 13, 2071.	9.0	90
65	Cageâ€Like Porous Materials with Simultaneous High C₂H₂Storage and Excellent C₂H₂/CO₂Separation Performance. Angewandte Chemie - International Edition, 2021, 60, 10828-10832.	13.8	90
66	Rational Design and Growth of MOFâ€onâ€MOF Heterostructures. Small, 2021, 17, e2100607.	10.0	90
67	Fabrication of a Robust Lanthanide Metalâ€“Organic Framework as a Multifunctional Material for Fe(III) Detection, CO₂ Capture, and Utilization. Crystal Growth and Design, 2018, 18, 2956-2963.	3.0	89
68	Designing a Deep-UV Nonlinear Optical Fluorooxosilicophosphate. Journal of the American Chemical Society, 2020, 142, 6472-6476.	13.7	89
69	Ferroelastic phase transition and switchable dielectric behavior associated with ordering of molecular motion in a perovskite-like architectured supramolecular cocrystal. Journal of Materials Chemistry C, 2013, 1, 2561.	5.5	88
70	Tailoring of a visible-light-absorbing biaxial ferroelectric towards broadband self-driven photodetection. Nature Communications, 2021, 12, 284.	12.8	86
71	A Prototypical Zeolitic Lanthanideâ€Organic Framework with Nanotubular Structure. Crystal Growth and Design, 2008, 8, 166-168.	3.0	85
72	Tailor-made porosities of fluorene-based porous organic frameworks for the pre-designable fabrication of palladium nanoparticles with size, location and distribution control. Chemical Science, 2016, 7, 2188-2194.	7.4	84

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73	Using cuprophilicity as a multi-responsive chromophore switching color in response to temperature, mechanical force and solvent vapors. Journal of Materials Chemistry C, 2013, 1, 4339.	5.5	83
74	Bulk crystal growth and characterization of imidazolium l-tartrate (IMLT): a novel organic nonlinear optical material with a high laser-induced damage threshold. CrystEngComm, 2013, 15, 2157.	2.6	80
75	A paramagnetic lamellar polymer with a high semiconductivity. Chemical Communications, 2001, , 1020-1021.	4.1	78
76	Self-Assembly of Discrete M₆L₈ Coordination Cages Based on a Conformationally Flexible Tripodal Phosphoric Triamide Ligand. Inorganic Chemistry, 2012, 51, 4116-4122.	4.0	77
77	Discovery of an Above-Room-Temperature Antiferroelectric in Two-Dimensional Hybrid Perovskite. Journal of the American Chemical Society, 2019, 141, 3812-3816.	13.7	77
78	Formation of an Infinite Three-Dimensional Water Network by the Hierarchic Assembly of Bilayer Water Nanotubes of Octamers. Crystal Growth and Design, 2007, 7, 1385-1387.	3.0	72
79	Heterometallic cluster-based indiumâ€“organic frameworks. Chemical Communications, 2014, 50, 15224-15227.	4.1	72
80	A Potential Sn-Based Hybrid Perovskite Ferroelectric Semiconductor. Journal of the American Chemical Society, 2020, 142, 1159-1163.	13.7	72
81	Bandgap Narrowing of Lead-Free Perovskite-Type Hybrids for Visible-Light-Absorbing Ferroelectric Semiconductors. Journal of Physical Chemistry Letters, 2017, 8, 2012-2018.	4.6	71
82	Tailored Engineering of an Unusual (C₄H₉NH₃)₂(CH₃NH₃)₂Pb₃Br Twoâ€Dimensional Multilayered Perovskite Ferroelectric for a Highâ€Performance Photodetector. Angewandte Chemie, 2017, 129, 12318-12322.	2.0	71
83	Precisely Embedding Active Sites into a Mesoporous Zr-Framework through Linker Installation for High-Efficiency Photocatalysis. Journal of the American Chemical Society, 2020, 142, 15020-15026.	13.7	71
84	The Large Secondâ€Harmonic Generation of LiCs₂PO₄ is caused by the Metalâ€Cationâ€Centered Groups. Angewandte Chemie - International Edition, 2018, 57, 3933-3937.	13.8	70
85	Tuning the Ionicity of Stable Metalâ€“Organic Frameworks through Ionic Linker Installation. Journal of the American Chemical Society, 2019, 141, 3129-3136.	13.7	70
86	In vitro upconverting/downshifting luminescent detection of tumor markers based on Eu³⁺-activated coreâ€“shellâ€“shell lanthanide nanoprobes. Chemical Science, 2016, 7, 5013-5019.	7.4	68
87	Self-Assembly of Three CdII- and CuII-Containing Coordination Polymers from 4,4â€²-Dipyridyl Disulfide. European Journal of Inorganic Chemistry, 2003, 2003, 3623-3632.	2.0	67
88	A combination of multiple chromophores enhances second-harmonic generation in a nonpolar noncentrosymmetric oxide: CdTeMoO6. Journal of Materials Chemistry C, 2013, 1, 2906.	5.5	67
89	Incorporation of In₂S₃ Nanoparticles into a Metalâ€“Organic Framework for Ultrafast Removal of Hg from Water. Inorganic Chemistry, 2018, 57, 4891-4897.	4.0	67
90	Europium and Terbium Coordination Polymers Assembled from Hexacarboxylate Ligands: Structures and Luminescent Properties. Crystal Growth and Design, 2014, 14, 1010-1017.	3.0	65

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91	Flexible Zirconium MOFs as Bromineâ€Nanocontainers for Bromination Reactions under Ambient Conditions. Angewandte Chemie - International Edition, 2017, 56, 14622-14626.	13.8	65
92	Exploring a Polar Twoâ€dimensional Multiâ€layered Hybrid Perovskite of (C₅H₁₁NH₃)₂(CH₃NH₃)Pb₂I₇ for Ultrafastâ€Responding Photodetection. Laser and Photonics Reviews, 2018, 12, 1800060.	8.7	65
93	Syntheses, structures, electrochemistry and magnetic properties of chain-like dicyanamide manganese(iii) and iron(iii) complexes with salen ligand. New Journal of Chemistry, 2002, 26, 1397-1401.	2.8	63
94	Two Novel Inorganic-Organic Hybrid Frameworks Based on InIII-BTC and InIII-BTEC. European Journal of Inorganic Chemistry, 2005, 2005, 77-81.	2.0	63
95	Fabricating a super stable luminescent chemosensor with multi-stimuli-response to metal ions and small organic molecules through turn-on and turn-off effects. Journal of Materials Chemistry C, 2017, 5, 4511-4519.	5.5	63
96	Mixed-Lanthanide Metalâ€“Organic Frameworks with Tunable Color and White Light Emission. Crystal Growth and Design, 2017, 17, 940-944.	3.0	62
97	Cd(II)-sulfonyldibenzoilate coordination polymers based on mono-, bi-, tri- and tetranuclear cores as nodes. CrystEngComm, 2008, 10, 905.	2.6	61
98	Rapid and discriminative detection of nitro aromatic compounds with high sensitivity using two zinc MOFs synthesized through a temperature-modulated method. Journal of Materials Chemistry A, 2015, 3, 22369-22376.	10.3	61
99	From Nonluminescent to Blueâ€Emitting Cs₄PbBr₆ Nanocrystals: Tailoring the Insulator Bandgap of 0D Perovskite through Sn Cation Doping. Advanced Materials, 2019, 31, e1900606.	21.0	61
100	An Exceptional Peroxide Birefringent Material Resulting from dâ€“Ï€ Interactions. Angewandte Chemie - International Edition, 2020, 59, 9414-9417.	13.8	60
101	Halide Double Perovskite Ferroelectrics. Angewandte Chemie - International Edition, 2020, 59, 9305-9308.	13.8	60
102	From discrete octahedral nanocages to 1D coordination polymer: Coordination-driven a single-crystal-to-single-crystal transformation via anion exchange. Chemical Communications, 2011, 47, 2327-2329.	4.1	59
103	Visualizing the Dynamics of Temperatureâ€and Solventâ€Responsive Soft Crystals. Angewandte Chemie - International Edition, 2016, 55, 7478-7482.	13.8	59
104	Superior thermoelasticity and shape-memory nanopores in a porous supramolecular organic framework. Nature Communications, 2016, 7, 11564.	12.8	58
105	An Anionic Uranium-Based Metalâ€“Organic Framework with Ultralarge Nanocages for Selective Dye Adsorption. Crystal Growth and Design, 2018, 18, 576-580.	3.0	58
106	Ultrasensitive polarized-light photodetectors based on 2D hybrid perovskite ferroelectric crystals with a low detection limit. Science Bulletin, 2021, 66, 158-163.	9.0	58
107	Anodic formation of nanoporous and nanotubular metal oxides. Journal of Materials Chemistry, 2012, 22, 535-544.	6.7	57
108	Interconvertible vanadium-seamed hexameric pyrogallol[4]arene nanocapsules. Nature Communications, 2018, 9, 4941.	12.8	57

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109	Coexistence of cages and one-dimensional channels in a porous MOF with high H2 and CH4 uptakes. Chemical Communications, 2014, 50, 2834.	4.1	55
110	Secondâ€Order Nonlinear Optical Switch of a New Hydrogenâ€Bonded Supramolecular Crystal with a High Laserâ€Induced Damage Threshold. Advanced Optical Materials, 2014, 2, 1199-1205.	7.3	55
111	Strong Nonlinear-Optical Response in the Pyrophosphate CsLiCdP₂O₇ with a Short Cutoff Edge. Inorganic Chemistry, 2016, 55, 11626-11629.	4.0	55
112	A semi-conductive organicâ€“inorganic hybrid emits pure white light with an ultrahigh color rendering index. Journal of Materials Chemistry C, 2017, 5, 4731-4735.	5.5	55
113	Biodegradable Inorganic Upconversion Nanocrystals for In Vivo Applications. ACS Nano, 2020, 14, 16672-16680.	14.6	55
114	Two New Zeolite-Like Supramolecular Copper Complexes. European Journal of Inorganic Chemistry, 2003, 2003, 94-98.	2.0	54
115	Stepwise Construction of Extra-Large Heterometallic Calixarene-Based Cages. Inorganic Chemistry, 2015, 54, 3183-3188.	4.0	53
116	Design of metal-organic NLO materials: complexes derived from pyridine-3,4-dicarboxylate. New Journal of Chemistry, 2004, 28, 1590.	2.8	52
117	Self-Assembly Syntheses, Structural Characterization, and Luminescent Properties of Lanthanide Coordination Polymers Constructed by Three Triazole-Carboxylate Ligands. Crystal Growth and Design, 2016, 16, 2266-2276.	3.0	51
118	Giant and Broadband Multiphoton Absorption Nonlinearities of a 2D Organometallic Perovskite Ferroelectric. Advanced Materials, 2020, 32, e2002972.	21.0	51
119	Constructing Crystalline Heterometallic Indiumâ€“Organic Frameworks by the Bifunctional Method. Crystal Growth and Design, 2015, 15, 1440-1445.	3.0	50
120	Self-Assembly of a One-Dimensional Silver Complex Containing Two Kinds of Helical Chains. European Journal of Inorganic Chemistry, 2003, 2003, 38-41.	2.0	49
121	High-Performance Switching of Bulk Quadratic Nonlinear Optical Properties with Large Contrast in Polymer Films Based on Organic Hydrogen-Bonded Ferroelectrics. Chemistry of Materials, 2015, 27, 4493-4498.	6.7	49
122	Controlled Orthogonal Selfâ€Assembly of Heterometalâ€Decorated Coordination Cages. Chemistry - A European Journal, 2016, 22, 17345-17350.	3.3	49
123	Syntheses and Crystal Structures of Five Cadmium(II) Complexes Derived from 4-Aminobenzoic Acid. European Journal of Inorganic Chemistry, 2002, 2002, 2904-2912.	2.0	47
124	New Types of Homochiral Helical Coordination Polymers Constructed byexo-Bidentate Binaphthol Derivatives. European Journal of Inorganic Chemistry, 2004, 2004, 1595-1599.	2.0	46
125	A Nonlinear Optical Switchable Sulfate of Ultrawide Bandgap. CCS Chemistry, 2021, 3, 2298-2306.	7.8	46
126	Synthesis and Crystal Structures of the First Two Novel Dicarboxylate Organotin Polymers Constructed from Dimeric Tetraorganodistannoxane Units. European Journal of Inorganic Chemistry, 2002, 2002, 2082-2085.	2.0	45

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127	Metal-Directed Self-Assembly: Two New Metal-Binicotinate Grid Polymeric Networks and Their Fluorescence Emission Tuned by Ligand Configuration. European Journal of Inorganic Chemistry, 2004, 2004, 2695-2700.	2.0	45
128	Engineering of Acentric Stilbazolium Salts with Large Second-Order Optical Nonlinearity and Enhanced Environmental Stability. Crystal Growth and Design, 2012, 12, 6181-6187.	3.0	44
129	Magnetic Properties of 3D Heptanuclear Lanthanide Frameworks Supported by Mixed Ligands. Inorganic Chemistry, 2015, 54, 6081-6083.	4.0	44
130	A general strategy for tailoring upconversion luminescence in lanthanide-doped inorganic nanocrystals through local structure engineering. Nanoscale, 2018, 10, 9353-9359.	5.6	44
131	A Multiaxial Layered Halide Double Perovskite Ferroelectric with Multiple Ferroic Orders. Chemistry of Materials, 2020, 32, 8965-8970.	6.7	44
132	Mono- and Bilayered Lead(II)-bpno Polymers with Unusual Low Energy Emission Properties (bpno =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	43
133	Luminescent sensing profiles based on anion-responsive lanthanide(<scp>iii</scp>) quinolinecarboxylate materials: solid-state structures, photophysical properties, and anionic species recognition. Journal of Materials Chemistry C, 2015, 3, 2003-2015.	5.5	43
134	Structural variability, unusual thermochromic luminescence and nitrobenzene sensing properties of five Zn(<scp>ii</scp>) coordination polymers assembled from a terphenyl-hexacarboxylate ligand. CrystEngComm, 2015, 17, 3829-3837.	2.6	43
135	Manipulating energy transfer in lanthanide-doped single nanoparticles for highly enhanced upconverting luminescence. Chemical Science, 2017, 8, 5050-5056.	7.4	43
136	Nonpolar Na ₁₀ Cd(NO ₃) ₄ (SO ₃ S) ₄ Exhibits a Large Second-Harmonic Generation. CCS Chemistry, 2022, 4, 526-531.	7.8	43
137	A seed-mediated approach to the general and mild synthesis of non-noble metal nanoparticles stabilized by a metalâ€“organic framework for highly efficient catalysis. Materials Horizons, 2015, 2, 606-612.	12.2	42
138	Highly Sensitive and Ultrafast Responding Array Photodetector Based on a Newly Tailored 2D Lead Iodide Perovskite Crystal. Advanced Optical Materials, 2019, 7, 1900308.	7.3	42
139	Unconventional inorganic precursors determine the growth of metal-organic frameworks. Coordination Chemistry Reviews, 2021, 434, 213804.	18.8	42
140	Centimeter-Sized Single Crystal of a One-Dimensional Lead-Free Mixed-Cation Perovskite Ferroelectric for Highly Polarization Sensitive Photodetection. Journal of the American Chemical Society, 2021, 143, 16758-16767.	13.7	42
141	A nucleobaseâ€“inorganic hybrid polymer consisting of copper bis(phosphopentamolybdate) and cytosine. Dalton Transactions RSC, 2002, , 289-290.	2.3	41
142	Cuboctahedron-based indiumâ€“organic frameworks for gas sorption and selective cation exchange. Chemical Communications, 2016, 52, 7978-7981.	4.1	41
143	Induction of Chirality in a Metalâ€“Organic Framework Built from Achiral Precursors. Angewandte Chemie - International Edition, 2021, 60, 3087-3094.	13.8	41
144	Self-Assembly of Five Cadmium(II) Coordination Polymers from 4,4â€²-Diaminodiphenylmethane. European Journal of Inorganic Chemistry, 2003, 2003, 1778-1784.	2.0	40

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145	pH modulated assembly in the mixed-ligand system Cd(ii)â€“dpstcâ€“phen: structural diversity and luminescent properties. CrystEngComm, 2013, 15, 3992.	2.6	40
146	A controllable and dynamic assembly system based on discrete metallocages. Chemical Science, 2014, 5, 483-488.	7.4	40
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