

Mao-Chun Hong

List of Publications by Year in descending order

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348
papers

21,493
citations

8181

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368
docs citations

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times ranked

15616
citing authors

#	ARTICLE	IF	CITATIONS
1	A Luminescent Microporous Metal-Organic Framework for the Fast and Reversible Detection of High Explosives. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2334-2338.	13.8	1,168
2	Metal-organic frameworks based on flexible ligands (FL-MOFs): structures and applications. <i>Chemical Society Reviews</i> , 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. <i>Nanoscale</i> , 2014, 6, 6590-6602.	5.6	720
4	Stabilizing Cesium Lead Halide Perovskite Lattice through Mn(II) Substitution for Air-Stable Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2017, 139, 11443-11450.	13.7	705
5	Beryllium-free Li ₄ Sr(BO ₃) ₂ for deep-ultraviolet nonlinear optical applications. <i>Nature Communications</i> , 2014, 5, 4019.	12.8	384
6	Deep-Ultraviolet Transparent Phosphates RbBa ₂ (PO ₃) ₅ and Rb ₂ Ba ₃ (P ₂ O ₇) ₂ Show Nonlinear Optical Activity from Condensation of [PO ₄] ³⁻ Units. <i>Journal of the American Chemical Society</i> , 2014, 136, 8560-8563.	13.7	297
7	A Silver(I) Coordination Polymer Chain Containing Nanosized Tubes with Anionic and Solvent Molecule Guests. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2468-2470.	13.8	295
8	A porous metal-organic framework with ultrahigh acetylene uptake capacity under ambient conditions. <i>Nature Communications</i> , 2015, 6, 7575.	12.8	288
9	Carbon dioxide capture and conversion by an acid-base resistant metal-organic framework. <i>Nature Communications</i> , 2017, 8, 1233.	12.8	286
10	Controllable Coordination-Driven Self-Assembly: From Discrete Metallocages to Infinite Cage-Based Frameworks. <i>Accounts of Chemical Research</i> , 2015, 48, 201-210.	15.6	276
11	Beryllium-Free Rb ₃ Al ₃ B ₃ O ₁₀ F with Reinforced Interlayer Bonding as a Deep-Ultraviolet Nonlinear Optical Crystal. <i>Journal of the American Chemical Society</i> , 2015, 137, 2207-2210.	13.7	237
12	Two-Dimensional Hybrid Perovskite-Type Ferroelectric for Highly Polarization-Sensitive Shortwave Photodetection. <i>Journal of the American Chemical Society</i> , 2019, 141, 2623-2629.	13.7	237
13	Tailored Engineering of an Unusual (C ₄ H ₉ NH ₃) ₂ (CH ₃ NH ₃) ₂ Pb ₃ Two-Dimensional Multilayered Perovskite Ferroelectric for a High-Performance Photodetector. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12150-12154.	13.8	229
14	Designing a Beryllium-Free Deep-Ultraviolet Nonlinear Optical Material without a Structural Instability Problem. <i>Journal of the American Chemical Society</i> , 2016, 138, 2961-2964.	13.7	220
15	A Nanometer-Sized Metallosupramolecular Cube with OhSymmetry. <i>Journal of the American Chemical Society</i> , 2000, 122, 4819-4820.	13.7	215
16	Enhancing CO ₂ electrolysis through synergistic control of non-stoichiometry and doping to tune cathode surface structures. <i>Nature Communications</i> , 2017, 8, 14785.	12.8	215
17	Tailored Synthesis of a Nonlinear Optical Phosphate with a Short Absorption Edge. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4217-4221.	13.8	205
18	A multi-metal-cluster MOF with Cu ₄ I ₄ and Cu ₆ S ₆ as functional groups exhibiting dual emission with both thermochromic and near-IR character. <i>Chemical Science</i> , 2013, 4, 1484.	7.4	202

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19	Non-Centrosymmetric $\text{RbNaMgP}_2\text{O}_7$ with Unprecedented Thermo-Induced Enhancement of Second Harmonic Generation. <i>Journal of the American Chemical Society</i> , 2018, 140, 1592-1595.	13.7	200
20	Bilayered Hybrid Perovskite Ferroelectric with Giant Two-Photon Absorption. <i>Journal of the American Chemical Society</i> , 2018, 140, 6806-6809.	13.7	185
21	Two Non- π -Conjugated Deep-UV Nonlinear Optical Sulfates. <i>Journal of the American Chemical Society</i> , 2019, 141, 3833-3837.	13.7	183
22	Inorganic-Organic Hybrid Coordination Polymers: A New Frontier for Materials Research. <i>Crystal Growth and Design</i> , 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. <i>Dalton Transactions RSC</i> , 2001, , 2335-2340.	2.3	180
24	A Photoferroelectric Perovskite-Type Organometallic Halide with Exceptional Anisotropy of Bulk Photovoltaic Effects. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6545-6550.	13.8	175
25	Two polymeric 36-metal pure lanthanide nanosize clusters. <i>Chemical Science</i> , 2013, 4, 3104.	7.4	154
26	Control the Structure of Zr-Tetracarboxylate Frameworks through Steric Tuning. <i>Journal of the American Chemical Society</i> , 2017, 139, 16939-16945.	13.7	153
27	Highly selective carbon dioxide adsorption in a water-stable indium-organic framework material. <i>Chemical Communications</i> , 2012, 48, 9696.	4.1	148
28	Inch-Size Single Crystal of a Lead-Free Organic-Inorganic Hybrid Perovskite for High-Performance Photodetector. <i>Advanced Functional Materials</i> , 2018, 28, 1705467.	14.9	146
29	Copper-Catalyzed Intermolecular Amination of Acidic Aryl $\text{C}\ddot{\text{I}}\ddot{\text{I}}\text{H}$ Bonds with Primary Aromatic Amines. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1301-1306.	4.3	145
30	An Unprecedented Biaxial Trilayered Hybrid Perovskite Ferroelectric with Directionally Tunable Photovoltaic Effects. <i>Journal of the American Chemical Society</i> , 2019, 141, 7693-7697.	13.7	145
31	Chiral Lead-Free Hybrid Perovskites for Self-Powered Circularly Polarized Light Detection. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8415-8418.	13.8	144
32	An Unprecedented Antimony(III) Borate with Strong Linear and Nonlinear Optical Responses. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7793-7796.	13.8	143
33	Solid-State Reversible Quadratic Nonlinear Optical Molecular Switch with an Exceptionally Large Contrast. <i>Advanced Materials</i> , 2013, 25, 4159-4163.	21.0	136
34	In situ large-scale construction of sulfur-functionalized metal-organic framework and its efficient removal of $\text{Hg}(\text{SCl})_2$ from water. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15370-15374.	10.3	135
35	Alloying n-Bu into CsPbBr_3 To Give a Two-Dimensional Bilayered Perovskite Ferroelectric Material. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8140-8143.	13.8	135
36	The First 2D Hybrid Perovskite Ferroelectric Showing Broadband White-Light Emission with High Color Rendering Index. <i>Advanced Functional Materials</i> , 2019, 29, 1805038.	14.9	134

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37	Distinct Molecular Motions in a Switchable Chromophore Dielectric 4-(dimethylamino)-4'-nitrostilbene Trifluoromethanesulfonate. <i>Advanced Functional Materials</i> , 2012, 22, 4855-4861.	7.4	133
38	A regenerative metal-organic framework for reversible uptake of Cd(II): from effective adsorption to in situ detection. <i>Chemical Science</i> , 2016, 7, 5983-5988.	7.4	133
39	Truncated octahedral coordination cage incorporating six tetranuclear-metal building blocks and twelve linear edges. <i>Chemical Science</i> , 2012, 3, 2321.	7.4	131
40	Effective visible-light driven CO ₂ photoreduction via a promising bifunctional iridium coordination polymer. <i>Chemical Science</i> , 2014, 5, 3808.	7.4	131
41	Deep-Ultraviolet Transparent Cs ₂ LiPO ₄ Exhibits an Unprecedented Second Harmonic Generation. <i>Chemistry of Materials</i> , 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. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2705-2710.	2.0	128
43	Exploring a Lead-free Semiconducting Hybrid Ferroelectric with a Zero-Dimensional Perovskite-like Structure. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11854-11858.	13.8	128
44	Syntheses, crystal structures and properties of two novel lanthanide-carboxylate polymeric complexes. <i>Dalton Transactions RSC</i> , 2002, , 1847-1851.	2.3	126
45	A family of doped lanthanide metal-organic frameworks for wide-range temperature sensing and tunable white light emission. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1981-1989.	5.5	125
46	An Unprecedented Pillar-Cage Fluorinated Hybrid Porous Framework with Highly Efficient Acetylene Storage and Separation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7547-7552.	13.8	120
47	Stable porphyrin Zr and Hf metal-organic frameworks featuring 2.5 nm cages: high surface areas, SCSC transformations and catalyses. <i>Chemical Science</i> , 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. <i>Journal of the American Chemical Society</i> , 2015, 137, 15660-15663.	13.7	117
49	Room-Temperature Ferroelectric Material Composed of a Two-Dimensional Metal Halide Double Perovskite for X-ray Detection. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13879-13884.	13.8	116
50	Polarization-Driven Self-Powered Photodetection in a Single-Phase Biaxial Hybrid Perovskite Ferroelectric. <i>Angewandte Chemie - International Edition</i> , 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. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3933-3937.	13.8	111
52	Hierarchical metal-organic framework nanoflowers for effective CO ₂ transformation driven by visible light. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15764-15768.	10.3	110
53	High-Temperature Antiferroelectric of Lead Iodide Hybrid Perovskites. <i>Journal of the American Chemical Society</i> , 2019, 141, 12470-12474.	13.7	108
54	Electric-Field Assisted In-Situ Hydrolysis of Bulk Metal-Organic Frameworks (MOFs) into Ultrathin Metal Oxyhydroxide Nanosheets for Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 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 Suzuki–Miyaura reaction in water. <i>Green Chemistry</i> , 2011, 13, 2100.	9.0	106
56	A non-interpenetrated porous metal–organic framework with high gas-uptake capacity. <i>Chemical Communications</i> , 2011, 47, 9861.	4.1	106
57	Spacer Cation Alloying of a Homoconformational Carboxylate <i>trans</i> Isomer to Boost in-Plane Ferroelectricity in a 2D Hybrid Perovskite. <i>Journal of the American Chemical Society</i> , 2021, 143, 2130-2137.	13.7	106
58	A novel luminescent 3D polymer containing silver chains formed by ligand unsupported Ag–Ag interactions and organic spacers. <i>Dalton Transactions RSC</i> , 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 [Ag ₃ I ₇] Secondary Building Units and Hexameric [Ag ₆ I ₁₂] Ternary Building Units: Syntheses, Crystal Structures, and Efficient Visible Light Responding Photocatalytic Properties. <i>Inorganic Chemistry</i> , 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. <i>Journal of the American Chemical Society</i> , 2020, 142, 55-59.	13.7	93
62	An unusual bifunctional Tb-MOF for highly sensitive sensing of Ba ²⁺ ions and with remarkable selectivities for CO ₂ –N ₂ and CO ₂ –CH ₄ . <i>Journal of Materials Chemistry A</i> , 2015, 3, 13526-13532.	10.3	91
63	Cooperation of Three Chromophores Generates the Water-Resistant Nitrate Nonlinear Optical Material Bi ₃ TeO ₆ OH(NO ₃) ₂ . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 540-544.	13.8	91
64	pH-Responsive chelating N-heterocyclic dicarbene palladium(II) complexes: recoverable precatalysts for Suzuki–Miyaura reaction in pure water. <i>Green Chemistry</i> , 2011, 13, 2071.	9.0	90
65	Cage-Like Porous Materials with Simultaneous High C ₂ H ₂ Storage and Excellent C ₂ H ₂ /CO ₂ Separation Performance. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10828-10832.	13.8	90
66	Rational Design and Growth of MOF–MOF Heterostructures. <i>Small</i> , 2021, 17, e2100607.	10.0	90
67	Fabrication of a Robust Lanthanide Metal–Organic Framework as a Multifunctional Material for Fe(III) Detection, CO ₂ Capture, and Utilization. <i>Crystal Growth and Design</i> , 2018, 18, 2956-2963.	3.0	89
68	Designing a Deep-UV Nonlinear Optical Fluorooxosilicophosphate. <i>Journal of the American Chemical Society</i> , 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 architected supramolecular cocrystal. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2561.	5.5	88
70	Tailoring of a visible-light-absorbing biaxial ferroelectric towards broadband self-driven photodetection. <i>Nature Communications</i> , 2021, 12, 284.	12.8	86
71	A Prototypical Zeolitic Lanthanide–Organic Framework with Nanotubular Structure. <i>Crystal Growth and Design</i> , 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. <i>Chemical Science</i> , 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. <i>Journal of Materials Chemistry C</i> , 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. <i>CrystEngComm</i> , 2013, 15, 2157.	2.6	80
75	A paramagnetic lamellar polymer with a high semiconductivity. <i>Chemical Communications</i> , 2001, , 1020-1021.	4.1	78
76	Self-Assembly of Discrete $M_{6}L_{8}$ Coordination Cages Based on a Conformationally Flexible Tripodal Phosphoric Triamide Ligand. <i>Inorganic Chemistry</i> , 2012, 51, 4116-4122.	4.0	77
77	Discovery of an Above-Room-Temperature Antiferroelectric in Two-Dimensional Hybrid Perovskite. <i>Journal of the American Chemical Society</i> , 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. <i>Crystal Growth and Design</i> , 2007, 7, 1385-1387.	3.0	72
79	Heterometallic cluster-based indium-organic frameworks. <i>Chemical Communications</i> , 2014, 50, 15224-15227.	4.1	72
80	A Potential Sn-Based Hybrid Perovskite Ferroelectric Semiconductor. <i>Journal of the American Chemical Society</i> , 2020, 142, 1159-1163.	13.7	72
81	Bandgap Narrowing of Lead-Free Perovskite-Type Hybrids for Visible-Light-Absorbing Ferroelectric Semiconductors. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2012-2018.	4.6	71
82	Tailored Engineering of an Unusual $(C_{4}H_{9}NH_{3})_{2}(CH_{3}NH_{3})_{2}Pb_{3}Br_{7}$ Two-Dimensional Multilayered Perovskite Ferroelectric for a High-Performance Photodetector. <i>Angewandte Chemie</i> , 2017, 129, 12318-12322.	2.0	71
83	Precisely Embedding Active Sites into a Mesoporous Zr-Framework through Linker Installation for High-Efficiency Photocatalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 15020-15026.	13.7	71
84	The Large Second-Harmonic Generation of $LiCs_{2}PO_{4}$ is caused by the Metal-Cation-Centered Groups. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3933-3937.	13.8	70
85	Tuning the Ionicity of Stable Metal-Organic Frameworks through Ionic Linker Installation. <i>Journal of the American Chemical Society</i> , 2019, 141, 3129-3136.	13.7	70
86	In vitro upconverting/downshifting luminescent detection of tumor markers based on Eu^{3+} -activated core-shell-shell lanthanide nanoprobe. <i>Chemical Science</i> , 2016, 7, 5013-5019.	7.4	68
87	Self-Assembly of Three CdII- and CuII-Containing Coordination Polymers from 4,4'-Dipyridyl Disulfide. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3623-3632.	2.0	67
88	A combination of multiple chromophores enhances second-harmonic generation in a nonpolar noncentrosymmetric oxide: $CdTeMoO_{6}$. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2906.	5.5	67
89	Incorporation of $In_{2}S_{3}$ Nanoparticles into a Metal-Organic Framework for Ultrafast Removal of Hg from Water. <i>Inorganic Chemistry</i> , 2018, 57, 4891-4897.	4.0	67
90	Europium and Terbium Coordination Polymers Assembled from Hexacarboxylate Ligands: Structures and Luminescent Properties. <i>Crystal Growth and Design</i> , 2014, 14, 1010-1017.	3.0	65

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91	Flexible Zirconium MOFs as Bromine-Responsive Nanocontainers for Bromination Reactions under Ambient Conditions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14622-14626.	13.8	65
92	Exploring a Polar Two-Dimensional Multilayered Hybrid Perovskite of $(\text{C}_5\text{H}_{11}\text{NH}_3)_2(\text{CH}_3\text{NH}_3)_2\text{Pb}_2\text{I}_7$ for Ultrafast-Responding Photodetection. <i>Laser and Photonics Reviews</i> , 2018, 12, 1800060.	4.5	65
93	Syntheses, structures, electrochemistry and magnetic properties of chain-like dicyanamide manganese(III) and iron(III) complexes with salen ligand. <i>New Journal of Chemistry</i> , 2002, 26, 1397-1401.	2.8	63
94	Two Novel Inorganic-Organic Hybrid Frameworks Based on InIII-BTC and InIII-BTEC. <i>European Journal of Inorganic Chemistry</i> , 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. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4511-4519.	5.5	63
96	Mixed-Lanthanide Metal-Organic Frameworks with Tunable Color and White Light Emission. <i>Crystal Growth and Design</i> , 2017, 17, 940-944.	3.0	62
97	Cd(II)-sulfonyldibenzoate coordination polymers based on mono-, bi-, tri- and tetranuclear cores as nodes. <i>CrystEngComm</i> , 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. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22369-22376.	10.3	61
99	From Nonluminescent to Blue-Emitting Cs_4PbBr_6 Nanocrystals: Tailoring the Insulator Bandgap of 0D Perovskite through Sn Cation Doping. <i>Advanced Materials</i> , 2019, 31, e1900606.	21.0	61
100	An Exceptional Peroxide Birefringent Material Resulting from $\text{d}\pi\text{-}\pi$ Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9414-9417.	13.8	60
101	Halide Double Perovskite Ferroelectrics. <i>Angewandte Chemie - International Edition</i> , 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. <i>Chemical Communications</i> , 2011, 47, 2327-2329.	4.1	59
103	Visualizing the Dynamics of Temperature- and Solvent-Responsive Soft Crystals. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7478-7482.	13.8	59
104	Superior thermoelasticity and shape-memory nanopores in a porous supramolecular organic framework. <i>Nature Communications</i> , 2016, 7, 11564.	12.8	58
105	An Anionic Uranium-Based Metal-Organic Framework with Ultralarge Nanocages for Selective Dye Adsorption. <i>Crystal Growth and Design</i> , 2018, 18, 576-580.	3.0	58
106	Ultrasensitive polarized-light photodetectors based on 2D hybrid perovskite ferroelectric crystals with a low detection limit. <i>Science Bulletin</i> , 2021, 66, 158-163.	9.0	58
107	Anodic formation of nanoporous and nanotubular metal oxides. <i>Journal of Materials Chemistry</i> , 2012, 22, 535-544.	6.7	57
108	Interconvertible vanadium-seamed hexameric pyrogallol[4]arene nanocapsules. <i>Nature Communications</i> , 2018, 9, 4941.	12.8	57

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109	Coexistence of cages and one-dimensional channels in a porous MOF with high H ₂ and CH ₄ uptakes. <i>Chemical Communications</i> , 2014, 50, 2834.	4.1	55
110	Second-Order Nonlinear Optical Switch of a New Hydrogen-Bonded Supramolecular Crystal with a High Laser-Induced Damage Threshold. <i>Advanced Optical Materials</i> , 2014, 2, 1199-1205.	7.3	55
111	Strong Nonlinear-Optical Response in the Pyrophosphate CsLiCdP ₂ O ₇ with a Short Cutoff Edge. <i>Inorganic Chemistry</i> , 2016, 55, 11626-11629.	4.0	55
112	A semi-conductive organic-inorganic hybrid emits pure white light with an ultrahigh color rendering index. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4731-4735.	5.5	55
113	Biodegradable Inorganic Upconversion Nanocrystals for <i>In Vivo</i> Applications. <i>ACS Nano</i> , 2020, 14, 16672-16680.	14.6	55
114	Two New Zeolite-Like Supramolecular Copper Complexes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 94-98.	2.0	54
115	Stepwise Construction of Extra-Large Heterometallic Calixarene-Based Cages. <i>Inorganic Chemistry</i> , 2015, 54, 3183-3188.	4.0	53
116	Design of metal-organic NLO materials: complexes derived from pyridine-3,4-dicarboxylate. <i>New Journal of Chemistry</i> , 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. <i>Crystal Growth and Design</i> , 2016, 16, 2266-2276.	3.0	51
118	Giant and Broadband Multiphoton Absorption Nonlinearities of a 2D Organometallic Perovskite Ferroelectric. <i>Advanced Materials</i> , 2020, 32, e2002972.	21.0	51
119	Constructing Crystalline Heterometallic Indium-Organic Frameworks by the Bifunctional Method. <i>Crystal Growth and Design</i> , 2015, 15, 1440-1445.	3.0	50
120	Self-Assembly of a One-Dimensional Silver Complex Containing Two Kinds of Helical Chains. <i>European Journal of Inorganic Chemistry</i> , 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. <i>Chemistry of Materials</i> , 2015, 27, 4493-4498.	6.7	49
122	Controlled Orthogonal Self-Assembly of Heterometal-Decorated Coordination Cages. <i>Chemistry - A European Journal</i> , 2016, 22, 17345-17350.	3.3	49
123	Syntheses and Crystal Structures of Five Cadmium(II) Complexes Derived from 4-Aminobenzoic Acid. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2904-2912.	2.0	47
124	New Types of Homochiral Helical Coordination Polymers Constructed by exo-Bidentate Binaphthol Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1595-1599.	2.0	46
125	A Nonlinear Optical Switchable Sulfate of Ultrawide Bandgap. <i>CCS Chemistry</i> , 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. <i>European Journal of Inorganic Chemistry</i> , 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. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2695-2700.	2.0	45
128	Engineering of Acentric Stilbazolium Salts with Large Second-Order Optical Nonlinearity and Enhanced Environmental Stability. <i>Crystal Growth and Design</i> , 2012, 12, 6181-6187.	3.0	44
129	Magnetic Properties of 3D Heptanuclear Lanthanide Frameworks Supported by Mixed Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 6081-6083.	4.0	44
130	A general strategy for tailoring upconversion luminescence in lanthanide-doped inorganic nanocrystals through local structure engineering. <i>Nanoscale</i> , 2018, 10, 9353-9359.	5.6	44
131	A Multiaxial Layered Halide Double Perovskite Ferroelectric with Multiple Ferroic Orders. <i>Chemistry of Materials</i> , 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
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