Man-Rong Li

List of Publications by Year
in descending order

94 papers	2,312 citations	236925 25 h-index	233421 45 g-index
107 all docs	107 docs citations	107 times ranked	2890 citing authors

#	Article	IF	Citations
1	Missing-linker metal-organic frameworks for oxygen evolution reaction. Nature Communications, 2019, 10, 5048.	12.8	422
2	Giant Magnetoresistance in the Halfâ€Metallic Doubleâ€Perovskite Ferrimagnet Mn₂FeReO₆. Angewandte Chemie - International Edition, 2015, 54, 12069-12073.	13.8	100
3	Constructing 2D MOFs from 2D LDHs: a highly efficient and durable electrocatalyst for water oxidation. Journal of Materials Chemistry A, 2020, 8, 190-195.	10.3	93
4	Polar and Magnetic Mn₂FeMO₆ (M=Nb, Ta) with LiNbO₃â€type Structure: Highâ€Pressure Synthesis. Angewandte Chemie - International Edition, 2013, 52, 8406-8410.	13.8	81
5	A Polar Corundum Oxide Displaying Weak Ferromagnetism at Room Temperature. Journal of the American Chemical Society, 2012, 134, 3737-3747.	13.7	73
6	Effect of precursor and synthesis temperature on the structural and electrochemical properties of Li(Ni0.5Co0.2Mn0.3)O2. Electrochimica Acta, 2012, 75, 393-398.	5.2	70
7	Designing Polar and Magnetic Oxides: Zn₂FeTaO₆ - in Search of Multiferroics. Journal of the American Chemical Society, 2014, 136, 8508-8511.	13.7	68
8	B Cation Ordered Double Perovskite Ba₂CoMo_{0.5}Nb_{0.5}O_{6-Î´} As a Potential SOFC Cathode. Chemistry of Materials, 2009, 21, 5154-5162.	6.7	65
9	Synthesis and Properties of Charge-Ordered Thallium Halide Perovskites, CsTl⁺_{0.5}Tl³⁺_{0.5}X₃ (X = F or Cl): Theoretical Precursors for Superconductivity?. Chemistry of Materials, 2013, 25, 4071-4079.	6.7	64
10	A Flexible Metalâ€“Organic Framework: Guest Molecules Controlled Dynamic Gas Adsorption. Journal of Physical Chemistry C, 2015, 119, 9442-9449.	3.1	58
11	NH4[BPO4F]: A novel open-framework ammonium fluorinated borophosphate with a zeolite-like structure related to gismondine topology. Chemical Communications, 2004, , 1272.	4.1	55
12	Mn₂FeWO₆: A New Ni₃TeO₆â€Type Polar and Magnetic Oxide. Advanced Materials, 2015, 27, 2177-2181.	21.0	53
13	Polar Magnets in Double Corundum Oxides. Chemistry of Materials, 2017, 29, 5447-5457.	6.7	46
14	Mn₂MnReO₆: Synthesis and Magnetic Structure Determination of a New Transition-Metal-Only Double Perovskite Canted Antiferromagnet. Chemistry of Materials, 2016, 28, 3148-3158.	6.7	45
15	Interstitial Oxide Ion Order and Conductivity in La_{1.64}Ca_{0.36}Ga₃O_{7.32} Melilite. Angewandte Chemie - International Edition, 2010, 49, 2362-2366.	13.8	44
16	Magneticâ€Structureâ€Stabilized Polarization in an Aboveâ€Roomâ€Temperature Ferrimagnet. Angewandte Chemie - International Edition, 2014, 53, 10774-10778.	13.8	44
17	Magnetostriction-polarization coupling in multiferroic Mn2MnWO6. Nature Communications, 2017, 8, 2037.	12.8	40
18	Effects of precursor, synthesis time and synthesis temperature on the physical and electrochemical properties of Li(Ni1â^'xâ^'yCoxMny)O2 cathode materials. Journal of Power Sources, 2014, 248, 180-189.	7.8	36

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19	Hydrothermal Synthesis and Characterization of Two Organically Templated Cadmium Borophosphates with Novel Structures. Inorganic Chemistry, 2004, 43, 3910-3914.	4.0	34
20	A novel dual phase membrane 40 wt% Nd_{0.6}Sr_{0.4}CoO_{3â^'Î´}â€“60 wt% Ce_{0.9}Nd_{0.1}O_{2â^'Î´}: design, synthesis and properties. Journal of Materials Chemistry A, 2018, 6, 84-92.	10.3	32
21	NH4[BGe3O8]:â€‰ A New Borogermanate Framework Made of Infinite-Chain Building Blocks. Inorganic Chemistry, 2006, 45, 9301-9305.	4.0	31
22	Polar and Magnetic Layered A-Site and Rock Salt B-Site-Ordered NaLnFeWO₆ (Ln = La, Nd) Perovskites. Inorganic Chemistry, 2013, 52, 12482-12491.	4.0	28
23	High-Pressure Synthesis of Lu₂NiIrO₆ with Ferrimagnetism and Large Coercivity. Inorganic Chemistry, 2019, 58, 397-404.	4.0	28
24	Synthesis, structure and luminescence property of two lanthanum phosphite hydrates: La2(H2O)x(HPO3)3 (). Journal of Solid State Chemistry, 2006, 179, 2571-2577.	2.9	26
25	Half-Metallicity in Pb₂CoReO₆ Double Perovskite and High Magnetic Ordering Temperature in Pb₂CrReO₆ Perovskite. Chemistry of Materials, 2015, 27, 4450-4458.	6.7	26
26	Low-Temperature Vaterite-Type LuBO₃, a Vacancy-Stabilized Phase Synthesized at High Temperature. Inorganic Chemistry, 2015, 54, 969-975.	4.0	25
27	Mn₂(Fe_{0.8}Mo_{0.2})MoO₆: A Double Perovskite with Multiple Transition Metal Sublattice Magnetic Effects. Chemistry of Materials, 2018, 30, 4508-4514.	6.7	25
28	Magnetic phase transitions in PrMn2O5: Importance of ion-size threshold size effects inRMn2O5compounds (R=rare earth). Physical Review B, 2012, 86, .	3.2	24
29	PbMn(IV)TeO₆: A New Noncentrosymmetric Layered Honeycomb Magnetic Oxide. Inorganic Chemistry, 2016, 55, 1333-1338.	4.0	22
30	High CO2-tolerance oxygen permeation dual-phase membranes Ce0.9Pr0.1O2–Pr0.6Sr0.4Fe0.8Al0.2O3-. Journal of Alloys and Compounds, 2019, 806, 500-509.	5.5	22
31	High-flux dual-phase percolation membrane for oxygen separation. Journal of the European Ceramic Society, 2019, 39, 4882-4890.	5.7	22
32	A new zincoborophosphate templated by diethylenetriamine (DETA): Synthesis and characterizations of (C4N3H16)[Zn3B3P6O24]Â·H2O. Dalton Transactions, 2004, , 2847.	3.3	20
33	Lowâ€Temperature Cationic Rearrangement in a Bulk Metal Oxide. Angewandte Chemie - International Edition, 2016, 55, 9862-9867.	13.8	20
34	Pb2MnTeO6 Double Perovskite: An Antipolar Anti-ferromagnet. Inorganic Chemistry, 2016, 55, 4320-4329.	4.0	20
35	Magnetic and Structural Studies of the Multifunctional Material SrFe_{0.75}Mo_{0.25}O_{3â^'Î´}. Inorganic Chemistry, 2012, 51, 12273-12280.	4.0	19
36	Synthesis, crystal structure, and properties of KSbO3-type Bi3Mn1.9Te1.1O11. Journal of Solid State Chemistry, 2013, 197, 543-549.	2.9	19

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37	Dynamic Ferrimagnetic Order in a Highly Distorted Double Perovskite Y₂CoRuO₆. Chemistry of Materials, 2018, 30, 7047-7054.	6.7	19
38	Structure and Magnetic Behavior of Layered Honeycomb Tellurates, BiM(III)TeO₆ (M = Cr,) Tj ETQq0 0 0 rgBT /Overlock 10	4.0	18
39	Strong Electron Hybridization and Fermi-to-Non-Fermi Liquid Transition in LaCu₃Ir₄O₁₂. Chemistry of Materials, 2015, 27, 211-217.	6.7	16
40	Mn₂CoReO₆: a robust multisublattice antiferromagnetic perovskite with small A-site cations. Chemical Communications, 2019, 55, 3331-3334.	4.1	15
41	Low-Temperature Flux Synthesis, Crystal Structure and Ce-Doped Luminescence of the First Lutetium Diphosphate NH4LuP2O7. European Journal of Inorganic Chemistry, 2005, 2005, 4693-4696.	2.0	14
42	Data-driven computational prediction and experimental realization of exotic perovskite-related polar magnets. Npj Quantum Materials, 2020, 5, .	5.2	14
43	Boosting oxygen evolution reaction by enhanced intrinsic activity in Ruddlesdenâ^'Popper iridate oxides. Chemical Engineering Journal, 2021, 423, 130185.	12.7	13
44	Hydrothermal Synthesis and Crystal Structure of the First Ammonium Indium(III) Phosphate NH4In(OH)PO4 with Spiral Chains of InO4(OH)2. Journal of Solid State Chemistry, 2002, 165, 209-213.	2.9	12
45	High magnetic ordering temperature in the perovskites Sr4â^'xLaxFe3ReO12 (x=0.0, 1.0, 2.0). Journal of Solid State Chemistry, 2012, 194, 48-58.	2.9	12
46	Interstitial Oxygen in Perovskite-Related Sr6â€“2xNb2+2xO11+3x. Chemistry of Materials, 2008, 20, 2736-2741.	6.7	11
47	The unusual suppression of superconducting transition temperature in double-doping 2H-NbSe2. Superconductor Science and Technology, 2019, 32, 085008.	3.5	11
48	Single-Crystal Growth and Room-Temperature Magnetocaloric Effect of X-Type Hexaferrite Sr₂Co₂Fe₂₈O₄₆. Inorganic Chemistry, 2020, 59, 6755-6762.	4.0	11
49	Engineering the crystallization behavior of CsPbBr3 quantum dots in borosilicate glass through modulating the glass network modifiers for wide-color-gamut displays. Journal of the European Ceramic Society, 2022, 42, 3586-3594.	5.7	11
50	Hole Doping and Structural Transformation in CsTl_{1â€“x}Hg_xCl₃. Inorganic Chemistry, 2015, 54, 1066-1075.	4.0	10
51	Reversible Structural Transformation between Polar Polymorphs of Li₂GeTeO₆. Inorganic Chemistry, 2019, 58, 1599-1606.	4.0	10
52	Low-temperature flux synthesis of a novel one-dimensional copper (II) chlorophosphate: crystal structure and magnetic property of Na3[CuO(HPO4)Cl]. Journal of Solid State Chemistry, 2005, 178, 912-916.	2.9	9
53	Observation of Ferroelastic and Ferroelectric Domains in AgNbO₃ Single Crystal. Chinese Physics Letters, 2021, 38, 037701.	3.3	9
54	Pressure-Induced Piezochromism and Structure Transitions in Lead-Free Layered Cs₄MnBi₂Cl₁₂ Quadruple Perovskite. ACS Applied Energy Materials, 2021, 4, 7513-7518.	5.1	9

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55	Electron transfer in Cu/Cu2O generated by disproportionation promoting efficient CO2 photoreduction. Nano Research, 0, , .	10.4	9
56	Ba3(Cr0.97(1)Te0.03(1))2TeO9: in Search of Jahnâ€“Teller Distorted Cr(II) Oxide. Inorganic Chemistry, 2016, 55, 10135-10142.	4.0	8
57	LaMn3Rh4O12: An Antiferromagnetic Quadruple Perovskite Synthesized at High Pressure. Inorganic Chemistry, 2019, 58, 10280-10286.	4.0	8
58	Above-Room-Temperature LiNbO₃-Type Polar Magnet Stabilized by Chemical and Physical Pressure. Chemistry of Materials, 2020, 32, 1618-1626.	6.7	8
59	Methodological Approach to the High-Pressure Synthesis of Nonmagnetic Li₂B⁴⁺Bâ€²⁶⁺O₆ Oxides. Chemistry of Materials, 2022, 34, 186-196.	6.7	8
60	Predicted polymorph manipulation in an exotic double perovskite oxide. Journal of Materials Chemistry C, 2019, 7, 12306-12311.	5.5	7
61	Universal A-Cation Splitting in LiNbO₃-Type Structure Driven by Intrapositional Multivalent Coupling. Journal of the American Chemical Society, 2020, 142, 7168-7178.	13.7	7
62	Robust Yellow-Violet Pigments Tuned by Site-Selective Manganese Chromophores. Inorganic Chemistry, 2021, 60, 11579-11590.	4.0	7
63	In Situ Growth of CsPbBr₃ Perovskite Nanocrystals in Leadâ€Based Matrix toward Significantly Enhanced Water/Photo Stabilities. Advanced Optical Materials, 2022, 10, 2101448.	7.3	7
64	NH4Cd(H2O)2(BP2O8)ï¿½0.72H2O: a New Borophosphate with Abnormal Structure Changes Caused by Hydrogen Interactions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1213-1217.	1.2	6
65	Magnetic structure and physical properties of the multiferroic compound PrMn2O5. Physica B: Condensed Matter, 2012, 407, 1718-1721.	2.7	6
66	Magnetic transitions in exotic perovskites stabilized by chemical and physical pressure. Journal of Materials Chemistry C, 2020, 8, 5082-5091.	5.5	6
67	Pressure-Induced Intermetallic Charge Transfer and Semiconductor-Metal Transition in Two-Dimensional AgRuO ₃. CCS Chemistry, 2023, 5, 934-946.	7.8	6
68	MnFe0.5Ru0.5O3: an above-room-temperature antiferromagnetic semiconductor. Journal of Materials Chemistry C, 2019, 7, 509-522.	5.5	5
69	Nonmetallic metal toward a pressure-induced bad-metal state in two-dimensional Cu₃LiRu₂O₆. Chemical Communications, 2020, 56, 265-268.	4.1	5
70	Anomalous dispersion of bioinspired flower-like microparticles for oil/water separation. Nanotechnology, 2020, 31, 095712.	2.6	5
71	KSn4(PO4)3. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, i116-i117.	0.2	4
72	A Novel Layered Structure of a New Cadmium Chlorophosphate with an Imidazolium Template. Chemistry Letters, 2004, 33, 1282-1283.	1.3	4

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73	High-pressure synthesis, crystal structure, and magnetic properties of hexagonal Ba3CuOs2O9. Journal of Solid State Chemistry, 2019, 272, 182-188.	2.9	4
74	In-situ synthesis of highly stable CsPbBr3/PbBrF composite nanocrystals induced by Hydrofluoric acid. Chemical Engineering Journal, 2022, 430, 132680.	12.7	4
75	Lowâ€Temperature Cationic Rearrangement in a Bulk Metal Oxide. Angewandte Chemie, 2016, 128, 10016-10021.	2.0	3
76	High-Pressure Synthesis of Polar and Antiferromagnetic Mn₂MnMoO₆. Chemistry of Materials, 2022, 34, 1930-1936.	6.7	3
77	Modulating the reversibility of electric polarization in Al-doped Y-type hexaferrites. Journal of Alloys and Compounds, 2022, 894, 162399.	5.5	2
78	From antiferromagnetism to high- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma weak ferromagnetism manipulated by atomic rearrangement in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mn>3</mm mathvariant="normal">O</mml:mi></mml:mrow><mml:. Physical Review Materials, 2020, 4, .	2.4	2
79	Modulation of ionic arrangement in polar magnet by chemical pressure. Chinese Chemical Letters, 2023, 34, 107355.	9.0	2
80	Fe_{3â€“x}InSn_xO₆ (x = 0, 0.25, or 0.5): A Family of Corundum Derivatives with Sn-Induced Polarization and Above Room Temperature Antiferromagnetic Ordering. Chemistry of Materials, 2022, 34, 5020-5029.	6.7	2
81	Thermochemical Mechanism of Optimized Lanthanum Chromite Heaters for High-Pressure and High-Temperature Experiments. ACS Applied Materials & Interfaces, 2022, 14, 32244-32252.	8.0	2
82	The Keggin-type potassium/hydronium 12-tungstophosphate, K2.4(H3O)0.6PO4W12O36. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, i97-i99.	0.2	1
83	Crystal Structures, Optical, and Magnetic Properties of Zn3-xMnxTeO6. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2020, 35, 895.	1.3	1
84	Intersite Charge Transfer Enhanced Oxygen Evolution Reactivity on A ₂IrO₃ (A=Li, Na, Cu) Delafossite Electrocatalysts. Journal of the Electrochemical Society, 2022, 169, 056523.	2.9	1
85	Hydrothermal Synthesis and Characterization of Two Organically Templated Cadmium Borophosphates with Novel Structures.. ChemInform, 2004, 35, no.	0.0	0
86	A Novel Layered Structure of a New Cadmium Chlorophosphate with an Imidazolium Template.. ChemInform, 2005, 36, no.	0.0	0
87	NH4Cd(H2O)2 (BP2O8)Ã—0.72H2O: A New Borophosphate with Abnormal Structure Changes Caused by Hydrogen Interactions.. ChemInform, 2005, 36, no.	0.0	0
88	Low-Temperature Flux Synthesis, Crystal Structure and Ce-Doped Luminescence of the First Lutetium Diphosphate NH4LuP2O7.. ChemInform, 2006, 37, no.	0.0	0
89	Advanced Nanomaterials for Energy and Environmental Applications. Journal of Nanomaterials, 2015, 2015, 1-2.	2.7	0
90	Frontispiz: Low-Temperature Cationic Rearrangement in a Bulk Metal Oxide. Angewandte Chemie, 2016, 128, .	2.0	0

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91	Frontispiece: Low-Temperature Cationic Rearrangement in a Bulk Metal Oxide. Angewandte Chemie - International Edition, 2016, 55, .	13.8	0
92	Defect-engineered room-temperature ferromagnetism in quasi-two-dimensional nitrided CoTa2O6. Physical Review B, 2021, 104, .	3.2	0
93	High-pressure synthesis, crystal structure and magnetic properties of Ba3CuOs2O9. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e337-e337.	0.1	0
94	Flux Growth of Tungsten Oxychloride Li 23 CuW 10 O 40 Cl 5. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2020, , 598.	1.3	0