

Man-Rong Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1640999/publications.pdf>

Version: 2024-02-01

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	Modulation of ionic arrangement in polar magnet by chemical pressure. Chinese Chemical Letters, 2023, 34, 107355.	9.0	2
2	Pressure-Induced Intermetallic Charge Transfer and Semiconductor-Metal Transition in Two-Dimensional AgRuO ₃ . CCS Chemistry, 2023, 5, 934-946.	7.8	6
3	In-situ synthesis of highly stable CsPbBr ₃ /PbBrF composite nanocrystals induced by Hydrofluoric acid. Chemical Engineering Journal, 2022, 430, 132680.	12.7	4
4	In Situ Growth of CsPbBr ₃ Perovskite Nanocrystals in Lead-Based Matrix toward Significantly Enhanced Water/Photo Stabilities. Advanced Optical Materials, 2022, 10, 2101448.	7.3	7
5	Modulating the reversibility of electric polarization in Al-doped Y-type hexaferrites. Journal of Alloys and Compounds, 2022, 894, 162399.	5.5	2
6	High-Pressure Synthesis of Polar and Antiferromagnetic Mn ₂ MnMoO ₆ . Chemistry of Materials, 2022, 34, 1930-1936.	6.7	3
7	Methodological Approach to the High-Pressure Synthesis of Nonmagnetic Li ₂ B ₄ B ₆ O ₆ Oxides. Chemistry of Materials, 2022, 34, 186-196.	6.7	8
8	Engineering the crystallization behavior of CsPbBr ₃ 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
9	Intersite Charge Transfer Enhanced Oxygen Evolution Reactivity on A ₂ IrO ₃ (A=Li, Na, Cu) Delafossite Electrocatalysts. Journal of the Electrochemical Society, 2022, 169, 056523.	2.9	1
10	Fe ³⁺ x InSn _x O ₆ (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
11	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
12	Observation of Ferroelastic and Ferroelectric Domains in AgNbO ₃ Single Crystal. Chinese Physics Letters, 2021, 38, 037701.	3.3	9
13	Robust Yellow-Violet Pigments Tuned by Site-Selective Manganese Chromophores. Inorganic Chemistry, 2021, 60, 11579-11590.	4.0	7
14	Defect-engineered room-temperature ferromagnetism in quasi-two-dimensional nitrided CoTa ₂ O ₆ . Physical Review B, 2021, 104, .	3.2	0
15	Pressure-Induced Piezochromism and Structure Transitions in Lead-Free Layered Cs ₄ MnBi ₂ Cl ₁₂ Quadruple Perovskite. ACS Applied Energy Materials, 2021, 4, 7513-7518.	5.1	9
16	Boosting oxygen evolution reaction by enhanced intrinsic activity in Ruddlesden-Popper iridate oxides. Chemical Engineering Journal, 2021, 423, 130185.	12.7	13
17	Nonmetallic metal toward a pressure-induced bad-metal state in two-dimensional Cu ₃ LiRu ₂ O ₆ . Chemical Communications, 2020, 56, 265-268.	4.1	5
18	Anomalous dispersion of bioinspired flower-like microparticles for oil/water separation. Nanotechnology, 2020, 31, 095712.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Constructing 2D MOFs from 2D LDHs: a highly efficient and durable electrocatalyst for water oxidation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 190-195.	10.3	93
20	Data-driven computational prediction and experimental realization of exotic perovskite-related polar magnets. <i>Npj Quantum Materials</i> , 2020, 5, .	5.2	14
21	Single-Crystal Growth and Room-Temperature Magnetocaloric Effect of X-Type Hexaferrite $\text{Sr}_2\text{Co}_2\text{Fe}_{28}\text{O}_{46}$. <i>Inorganic Chemistry</i> , 2020, 59, 6755-6762.	4.0	11
22	Universal A-Cation Splitting in LiNbO_3 -Type Structure Driven by Intrapositional Multivalent Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 7168-7178.	13.7	7
23	Magnetic transitions in exotic perovskites stabilized by chemical and physical pressure. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5082-5091.	5.5	6
24	Above-Room-Temperature LiNbO_3 -Type Polar Magnet Stabilized by Chemical and Physical Pressure. <i>Chemistry of Materials</i> , 2020, 32, 1618-1626.	6.7	8
25	Crystal Structures, Optical, and Magnetic Properties of $\text{Zn}_{3-x}\text{Mn}_x\text{TeO}_6$. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2020, 35, 895.	1.3	1
26	From antiferromagnetism to high- T_c weak ferromagnetism manipulated by atomic rearrangement in $\text{Ba}_3\text{Mn}_3\text{O}_{10}$. <i>Physical Review Materials</i> , 2020, 4, .	2.4	2
27	Flux Growth of Tungsten Oxychloride $\text{Li}_{23}\text{CuW}_{10}\text{O}_{40}\text{Cl}_5$. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2020, , 598.	1.3	0
28	$\text{LaMn}_3\text{Rh}_4\text{O}_{12}$: An Antiferromagnetic Quadruple Perovskite Synthesized at High Pressure. <i>Inorganic Chemistry</i> , 2019, 58, 10280-10286.	4.0	8
29	High CO_2 -tolerance oxygen permeation dual-phase membranes $\text{Ce}_{0.9}\text{Pr}_{0.1}\text{O}_{2-\delta}-\text{Pr}_{0.6}\text{Sr}_{0.4}\text{Fe}_{0.8}\text{Al}_{0.2}\text{O}_{3-\delta}$. <i>Journal of Alloys and Compounds</i> , 2019, 806, 500-509.	5.5	22
30	High-flux dual-phase percolation membrane for oxygen separation. <i>Journal of the European Ceramic Society</i> , 2019, 39, 4882-4890.	5.7	22
31	Missing-linker metal-organic frameworks for oxygen evolution reaction. <i>Nature Communications</i> , 2019, 10, 5048.	12.8	422
32	Predicted polymorph manipulation in an exotic double perovskite oxide. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12306-12311.	5.5	7
33	$\text{MnFe}_{0.5}\text{Ru}_{0.5}\text{O}_3$: an above-room-temperature antiferromagnetic semiconductor. <i>Journal of Materials Chemistry C</i> , 2019, 7, 509-522.	5.5	5
34	The unusual suppression of superconducting transition temperature in double-doping 2H-NbSe_2 . <i>Superconductor Science and Technology</i> , 2019, 32, 085008.	3.5	11
35	High-pressure synthesis, crystal structure, and magnetic properties of hexagonal $\text{Ba}_3\text{CuOs}_2\text{O}_9$. <i>Journal of Solid State Chemistry</i> , 2019, 272, 182-188.	2.9	4
36	$\text{Mn}_2\text{CoReO}_6$: a robust multisublattice antiferromagnetic perovskite with small A-site cations. <i>Chemical Communications</i> , 2019, 55, 3331-3334.	4.1	15

#	ARTICLE	IF	CITATIONS
37	High-Pressure Synthesis of $\text{Lu}_2\text{Ni}_6\text{O}_6$ with Ferrimagnetism and Large Coercivity. <i>Inorganic Chemistry</i> , 2019, 58, 397-404.	4.0	28
38	Reversible Structural Transformation between Polar Polymorphs of $\text{Li}_2\text{GeTeO}_6$. <i>Inorganic Chemistry</i> , 2019, 58, 1599-1606.	4.0	10
39	High-pressure synthesis, crystal structure and magnetic properties of $\text{Ba}_3\text{CuOs}_2\text{O}_9$. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e337-e337.	0.1	0
40	A novel dual phase membrane 40 wt% $\text{Nd}_{0.6}\text{Sr}_{0.4}\text{CoO}_{3\lambda}$ 60 wt% $\text{Ce}_{0.9}\text{Nd}_{0.1}\text{O}_{2\lambda}$: design, synthesis and properties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 84-92.	10.3	32
41	Dynamic Ferrimagnetic Order in a Highly Distorted Double Perovskite Y_2CoRuO_6 . <i>Chemistry of Materials</i> , 2018, 30, 7047-7054.	6.7	19
42	$\text{Mn}_2(\text{Fe}_{0.8}\text{Mo}_{0.2})\text{MoO}_6$: A Double Perovskite with Multiple Transition Metal Sublattice Magnetic Effects. <i>Chemistry of Materials</i> , 2018, 30, 4508-4514.	6.7	25
43	Polar Magnets in Double Corundum Oxides. <i>Chemistry of Materials</i> , 2017, 29, 5447-5457.	6.7	46
44	Magnetostriction-polarization coupling in multiferroic Mn_2MnWO_6 . <i>Nature Communications</i> , 2017, 8, 2037.	12.8	40
45	Low-temperature Cationic Rearrangement in a Bulk Metal Oxide. <i>Angewandte Chemie</i> , 2016, 128, 10016-10021.	2.0	3
46	Low-temperature Cationic Rearrangement in a Bulk Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9862-9867.	13.8	20
47	Frontispiz: Low-Temperature Cationic Rearrangement in a Bulk Metal Oxide. <i>Angewandte Chemie</i> , 2016, 128, .	2.0	0
48	$\text{Pb}_2\text{MnTeO}_6$ Double Perovskite: An Antipolar Anti-ferromagnet. <i>Inorganic Chemistry</i> , 2016, 55, 4320-4329.	4.0	20
49	$\text{Mn}_2\text{MnReO}_6$: Synthesis and Magnetic Structure Determination of a New Transition-Metal-Only Double Perovskite Canted Antiferromagnet. <i>Chemistry of Materials</i> , 2016, 28, 3148-3158.	6.7	45
50	Structure and Magnetic Behavior of Layered Honeycomb Tellurates, BiM(III)TeO_6 (M = Cr, Tj ETQq0 0.0 rgBT /Overlock 10	4.0	18
51	$\text{Ba}_3(\text{Cr}_{0.97(1)}\text{Te}_{0.03(1)})_2\text{TeO}_9$: in Search of Jahn-Teller Distorted Cr(II) Oxide. <i>Inorganic Chemistry</i> , 2016, 55, 10135-10142.	4.0	8
52	Frontispiece: Low-Temperature Cationic Rearrangement in a Bulk Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	13.8	0
53	PbMn(IV)TeO_6 : A New Noncentrosymmetric Layered Honeycomb Magnetic Oxide. <i>Inorganic Chemistry</i> , 2016, 55, 1333-1338.	4.0	22
54	Giant Magnetoresistance in the Half-Metallic Double Perovskite Ferrimagnet $\text{Mn}_2\text{FeReO}_6$. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12069-12073.	13.8	100

#	ARTICLE	IF	CITATIONS
55	Advanced Nanomaterials for Energy and Environmental Applications. Journal of Nanomaterials, 2015, 2015, 1-2.	2.7	0
56	Half-Metallicity in $\text{Pb}_{2}\text{CoReO}_{6}$ Double Perovskite and High Magnetic Ordering Temperature in $\text{Pb}_{2}\text{CrReO}_{6}$ Perovskite. Chemistry of Materials, 2015, 27, 4450-4458.	6.7	26
57	Strong Electron Hybridization and Fermi-to-Non-Fermi Liquid Transition in $\text{LaCu}_{3}\text{Ir}_{4}\text{O}_{12}$. Chemistry of Materials, 2015, 27, 211-217.	6.7	16
58	Low-Temperature Vaterite-Type LuBO_{3} , a Vacancy-Stabilized Phase Synthesized at High Temperature. Inorganic Chemistry, 2015, 54, 969-975.	4.0	25
59	$\text{Mn}_{2}\text{FeWO}_{6}$: A New $\text{Ni}_{3}\text{TeO}_{6}$ -Type Polar and Magnetic Oxide. Advanced Materials, 2015, 27, 2177-2181.	21.0	53
60	A Flexible Metal-Organic Framework: Guest Molecules Controlled Dynamic Gas Adsorption. Journal of Physical Chemistry C, 2015, 119, 9442-9449.	3.1	58
61	Hole Doping and Structural Transformation in $\text{CsTl}_{1-x}\text{Hg}_{x}\text{Cl}_{3}$. Inorganic Chemistry, 2015, 54, 1066-1075.	4.0	10
62	Effects of precursor, synthesis time and synthesis temperature on the physical and electrochemical properties of $\text{Li}(\text{Ni}_{1-x}\text{Co}_{x}\text{Mn})\text{O}_{2}$ cathode materials. Journal of Power Sources, 2014, 248, 180-189.	7.8	36
63	Magnetic-Structure-Stabilized Polarization in an Above-Room-Temperature Ferrimagnet. Angewandte Chemie - International Edition, 2014, 53, 10774-10778.	13.8	44
64	Designing Polar and Magnetic Oxides: $\text{Zn}_{2}\text{FeTaO}_{6}$ - in Search of Multiferroics. Journal of the American Chemical Society, 2014, 136, 8508-8511.	13.7	68
65	Polar and Magnetic $\text{Mn}_{2}\text{FeMO}_{6}$ (M=Nb, Ta) with LiNbO_{3} -type Structure: High-Pressure Synthesis. Angewandte Chemie - International Edition, 2013, 52, 8406-8410.	13.8	81
66	Polar and Magnetic Layered A-Site and Rock Salt B-Site-Ordered NaNFeWO_{6} (Ln = La, Nd) Perovskites. Inorganic Chemistry, 2013, 52, 12482-12491.	4.0	28
67	Synthesis, crystal structure, and properties of KSbO_{3} -type $\text{Bi}_{3}\text{Mn}_{1.9}\text{Te}_{1.1}\text{O}_{11}$. Journal of Solid State Chemistry, 2013, 197, 543-549.	2.9	19
68	Synthesis and Properties of Charge-Ordered Thallium Halide Perovskites, $\text{CsTl}_{1-x}\text{Tl}_{1+x}\text{X}_{3}$ (X = F or Cl): Theoretical Precursors for Superconductivity?. Chemistry of Materials, 2013, 25, 4071-4079.	6.7	64
69	Magnetic phase transitions in $\text{PrMn}_{2}\text{O}_{5}$: Importance of ion-size threshold size effects in $\text{RMn}_{2}\text{O}_{5}$ compounds (R=rare earth). Physical Review B, 2012, 86, .	3.2	24
70	High magnetic ordering temperature in the perovskites $\text{Sr}_{4-x}\text{La}_{x}\text{Fe}_{3}\text{ReO}_{12}$ (x=0.0, 1.0, 2.0). Journal of Solid State Chemistry, 2012, 194, 48-58.	2.9	12
71	Magnetic and Structural Studies of the Multifunctional Material $\text{SrFe}_{0.75}\text{Mo}_{0.25}\text{O}_{3}$. Inorganic Chemistry, 2012, 51, 12273-12280.	4.0	19
72	A Polar Corundum Oxide Displaying Weak Ferromagnetism at Room Temperature. Journal of the American Chemical Society, 2012, 134, 3737-3747.	13.7	73

#	ARTICLE	IF	CITATIONS
73	Effect of precursor and synthesis temperature on the structural and electrochemical properties of $\text{Li}(\text{Ni}_{0.5}\text{Co}_{0.2}\text{Mn}_{0.3})\text{O}_2$. <i>Electrochimica Acta</i> , 2012, 75, 393-398.	5.2	70
74	Magnetic structure and physical properties of the multiferroic compound PrMn_2O_5 . <i>Physica B: Condensed Matter</i> , 2012, 407, 1718-1721.	2.7	6
75	Interstitial Oxide Ion Order and Conductivity in $\text{La}_{1.64}\text{Ca}_{0.36}\text{Ga}_3\text{O}_{7.32}$ Melilite. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2362-2366.	13.8	44
76	B Cation Ordered Double Perovskite $\text{Ba}_2\text{CoMo}_{0.5}\text{Nb}_{0.5}\text{O}_{6-\delta}$ As a Potential SOFC Cathode. <i>Chemistry of Materials</i> , 2009, 21, 5154-5162.	6.7	65
77	Interstitial Oxygen in Perovskite-Related $\text{Sr}_6\text{Nb}_2\text{O}_{11+3x}$. <i>Chemistry of Materials</i> , 2008, 20, 2736-2741.	6.7	11
78	$\text{NH}_4[\text{BGe}_3\text{O}_8]$: A New Borogermanate Framework Made of Infinite-Chain Building Blocks. <i>Inorganic Chemistry</i> , 2006, 45, 9301-9305.	4.0	31
79	Synthesis, structure and luminescence property of two lanthanum phosphite hydrates: $\text{La}_2(\text{H}_2\text{O})_x(\text{HPO}_3)_3$. <i>Journal of Solid State Chemistry</i> , 2006, 179, 2571-2577.	2.9	26
80	Low-Temperature Flux Synthesis, Crystal Structure and Ce-Doped Luminescence of the First Lutetium Diphosphate $\text{NH}_4\text{LuP}_2\text{O}_7$. <i>ChemInform</i> , 2006, 37, no.	0.0	0
81	Low-Temperature Flux Synthesis, Crystal Structure and Ce-Doped Luminescence of the First Lutetium Diphosphate $\text{NH}_4\text{LuP}_2\text{O}_7$. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4693-4696.	2.0	14
82	A Novel Layered Structure of a New Cadmium Chlorophosphate with an Imidazolium Template. <i>ChemInform</i> , 2005, 36, no.	0.0	0
83	$\text{NH}_4\text{Cd}(\text{H}_2\text{O})_2(\text{BP}_2\text{O}_8) \cdot 0.72\text{H}_2\text{O}$: A New Borophosphate with Abnormal Structure Changes Caused by Hydrogen Interactions. <i>ChemInform</i> , 2005, 36, no.	0.0	0
84	Low-temperature flux synthesis of a novel one-dimensional copper (II) chlorophosphate: crystal structure and magnetic property of $\text{Na}_3[\text{CuO}(\text{HPO}_4)\text{Cl}]$. <i>Journal of Solid State Chemistry</i> , 2005, 178, 912-916.	2.9	9
85	$\text{NH}_4\text{Cd}(\text{H}_2\text{O})_2(\text{BP}_2\text{O}_8) \cdot 1/2 \cdot 0.72\text{H}_2\text{O}$: a New Borophosphate with Abnormal Structure Changes Caused by Hydrogen Interactions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1213-1217.	1.2	6
86	The Keggin-type potassium/hydronium 12-tungstophosphate, $\text{K}_2.4(\text{H}_3\text{O})_0.6\text{P}_{12}\text{O}_{40}$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, i97-i99.	0.2	1
87	$\text{KSn}_4(\text{PO}_4)_3$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, i116-i117.	0.2	4
88	Hydrothermal Synthesis and Characterization of Two Organically Templated Cadmium Borophosphates with Novel Structures. <i>ChemInform</i> , 2004, 35, no.	0.0	0
89	$\text{NH}_4[\text{BPO}_4\text{F}]$: A novel open-framework ammonium fluorinated borophosphate with a zeolite-like structure related to gismondine topology. <i>Chemical Communications</i> , 2004, , 1272.	4.1	55
90	Hydrothermal Synthesis and Characterization of Two Organically Templated Cadmium Borophosphates with Novel Structures. <i>Inorganic Chemistry</i> , 2004, 43, 3910-3914.	4.0	34

#	ARTICLE	IF	CITATIONS
91	A new zincborophosphate templated by diethylenetriamine (DETA): Synthesis and characterizations of $(C_4N_3H_{16})[Zn_3B_3P_6O_{24}] \cdot H_2O$. Dalton Transactions, 2004, , 2847.	3.3	20
92	A Novel Layered Structure of a New Cadmium Chlorophosphate with an Imidazolium Template. Chemistry Letters, 2004, 33, 1282-1283.	1.3	4
93	Hydrothermal Synthesis and Crystal Structure of the First Ammonium Indium(III) Phosphate $NH_4In(OH)PO_4$ with Spiral Chains of $InO_4(OH)_2$. Journal of Solid State Chemistry, 2002, 165, 209-213.	2.9	12
94	Electron transfer in Cu/Cu ₂ O generated by disproportionation promoting efficient CO ₂ photoreduction. Nano Research, 0, , .	10.4	9