

Chris Ling

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Na ₂ FeP ₂ O ₇ : A Safe Cathode for Rechargeable Sodium-ion Batteries. <i>Chemistry of Materials</i> , 2013, 25, 3480-3487.	6.7	291
2	Toward a Reversible Mn ⁴⁺ /Mn ²⁺ Redox Reaction and Dendrite-Free Zn Anode in Near-Neutral Aqueous Zn/MnO ₂ Batteries via Salt Anion Chemistry. <i>Advanced Energy Materials</i> , 2020, 10, 1904163.	19.5	221
3	Kröhnkite-Type Na ₂ Fe(SO ₄) ₂ ·2H ₂ O as a Novel 3.25 V Insertion Compound for Na-Ion Batteries. <i>Chemistry of Materials</i> , 2014, 26, 1297-1299.	6.7	128
4	Interplay of spin and orbital ordering in the layered colossal magnetoresistance manganite La ^{2-2x} Sr ^{1+2x} Mn ₂ O ₇ (0.5 < x < 1.0). <i>Physical Review B</i> , 2000, 62, 15096-15111.	3.2	123
5	A Review of Bismuth-Rich Binary Oxides in the Systems Bi ₂ O ₃ –Nb ₂ O ₅ , Bi ₂ O ₃ –Ta ₂ O ₅ , Bi ₂ O ₃ –MoO ₃ , and Bi ₂ O ₃ –WO ₃ . <i>Journal of Solid State Chemistry</i> , 1998, 137, 42-61.	2.9	122
6	Magnetic Structures of NaFePO ₄ Maricite and Triphylite Polymorphs for Sodium-Ion Batteries. <i>Inorganic Chemistry</i> , 2013, 52, 8685-8693.	4.0	121
7	Bimetallic metal-organic frameworks derived Ni-Co-Se@C hierarchical bundle-like nanostructures with high-rate pseudocapacitive lithium ion storage. <i>Energy Storage Materials</i> , 2019, 17, 374-384.	18.0	117
8	Does Local Disorder Occur in the Pyrochlore Zirconates?. <i>Inorganic Chemistry</i> , 2012, 51, 13237-13244.	4.0	102
9	Inhomogeneous magnetism in La-doped CaMnO ₃ . I. Mesoscopic phase separation due to lattice-coupled ferromagnetic interactions. <i>Physical Review B</i> , 2003, 68, .	3.2	98
10	Glass Transition in the Polaron Dynamics of Colossal Magnetoresistive Manganites. <i>Physical Review Letters</i> , 2002, 89, 036401.	7.8	85
11	Synthetic, Structural, and Electrochemical Study of Monoclinic Na ₄ Ti ₅ O ₁₂ as a Sodium-Ion Battery Anode Material. <i>Chemistry of Materials</i> , 2014, 26, 7067-7072.	6.7	85
12	Inhomogeneous magnetism in La-doped CaMnO ₃ . II. Nanometric-scale spin clusters and long-range spin canting. <i>Physical Review B</i> , 2003, 68, .	3.2	83
13	Adsorption Structures of Water in NaX Studied by DRIFT Spectroscopy and Neutron Powder Diffraction. <i>Journal of Physical Chemistry B</i> , 2006, 110, 342-353.	2.6	83
14	Investigating the Local Structure of Lanthanoid Hafnates Ln ₂ Hf ₂ O ₇ via Diffraction and Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2266-2273.	3.1	80
15	Ionothermal Synthesis of High-Voltage <i>Alluaudite</i> Na _{2+2x} Fe _{2-x} (SO ₄) ₃ Sodium Insertion Compound: Structural, Electronic, and Magnetic Insights. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 6982-6991.	8.0	66
16	Neutron Diffraction Study of La ₃ Ni ₂ O ₇ : Structural Relationships Among n=1, 2, and 3 Phases La _{n+1} Ni _n O _{3n+1} . <i>Journal of Solid State Chemistry</i> , 2000, 152, 517-525.	2.9	65
17	Modelling, refinement and analysis of the <i>∞</i> -Type III <i>∞</i> -Bi ₂ O ₃ -related superstructure in the Bi ₂ O ₃ –Nb ₂ O ₅ system. <i>Journal of Solid State Chemistry</i> , 2004, 177, 1838-1846.	2.9	60
18	Structural Relationships among Bismuth-Rich Phases in the Bi ₂ O ₃ –Nb ₂ O ₅ , Bi ₂ O ₃ –Ta ₂ O ₅ , Bi ₂ O ₃ –MoO ₃ , and Bi ₂ O ₃ –WO ₃ Systems. <i>Journal of Solid State Chemistry</i> , 1999, 148, 380-405.	2.9	58

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19	Structural investigation of oxygen non-stoichiometry and cation doping in misfit-layered thermoelectric $(\text{Ca}_2\text{CoO}_3\hat{\sim}x)(\text{CoO}_2)\hat{\sim}$, $\hat{\sim}\hat{\sim}1.61$. Journal of Solid State Chemistry, 2007, 180, 1446-1455.	2.9	58
20	Zig-zag magnetic ordering in honeycomb-layered $\text{Na}_3\text{Co}_2\text{SbO}_6$. Journal of Solid State Chemistry, 2016, 243, 18-22.	2.9	57
21	Combined Experimental and Computational Study of Oxide Ion Conduction Dynamics in $\text{Sr}_{2-x}\text{Fe}_2\text{O}_5$ Brownmillerite. Chemistry of Materials, 2013, 25, 3080-3087.	6.7	55
22	Magnetic Structure and Properties of the $\text{Na}_2\text{CoP}_2\text{O}_7$ Pyrophosphate Cathode for Sodium-Ion Batteries: A Supersuperexchange-Driven Non-Collinear Antiferromagnet. Inorganic Chemistry, 2013, 52, 395-401.	4.0	51
23	Structure of nanoscale polaron correlations in $\text{La}_{1.2}\text{Sr}_{1.8}\text{Mn}_2\text{O}_7$. Physical Review B, 2001, 65, .	3.2	46
24	MOF-derived carbon-encapsulated cobalt sulfides orstachys-like micro/nano-structures as advanced anode material for lithium ion batteries. Electrochimica Acta, 2018, 290, 193-202.	5.2	46
25	Observation of Antiferromagnetism in Marokite CaMn_2O_4 . Journal of Solid State Chemistry, 2001, 160, 167-173.	2.9	44
26	Antifluorite-Type Lithium Chromium Oxide Nitrides: Synthesis, Structure, Order, and Electrochemical Properties. Inorganic Chemistry, 2004, 43, 7050-7060.	4.0	43
27	A spectroscopic and electrochemical investigation of a tetrathiafulvalene series of metal-organic frameworks. Polyhedron, 2018, 154, 334-342.	2.2	41
28	Structures, Phase Transitions, Hydration, and Ionic Conductivity of $\text{Ba}_4\text{Ta}_2\text{O}_9$. Chemistry of Materials, 2010, 22, 532-540.	6.7	40
29	The fluorite pyrochlore transformation of $\text{Ho}_2\text{Nd}_2\text{Zr}_2\text{O}_7$. Journal of Solid State Chemistry, 2011, 184, 2108-2113.	2.9	39
30	Giant Magnetoelastic Effect at the Opening of a Spin-Gap in $\text{Ba}_3\text{Bi}_2\text{O}_9$. Journal of the American Chemical Society, 2012, 134, 3265-3270.	13.7	39
31	Structures, Phase Transitions, Hydration, and Ionic Conductivity of $\text{Ba}_4\text{Nb}_2\text{O}_9$. Chemistry of Materials, 2009, 21, 3853-3864.	6.7	38
32	Conformational Dynamics in an Organic Ionic Plastic Crystal. Journal of Physical Chemistry B, 2017, 121, 5439-5446.	2.6	38
33	Atomic Modulation Functions, Periodic Nodal Surfaces and the three-dimensional incommensurately modulated $(1-x)\text{Bi}_2\text{O}_3-x\text{Nb}_2\text{O}_5$, $0.06 < x < 0.23$, solid solution. Zeitschrift Fur Kristallographie - Crystalline Materials, 1999, 214, 296-304.	0.8	37
34	Single-crystal structure of HoBaCo_4Mn at ambient conditions, at low temperature, and at high pressure. Physical Review B, 2009, 79, .	2.4	37
35	Structural, magnetic and electrochemical investigation of novel binary $\text{Na}_2\text{x}(\text{Fe}_1\text{yMny})\text{P}_2\text{O}_7$ ($0 \hat{\sim} y \hat{\sim} 1$) Tj ETQq1 1 0.784314 305-311.	2.7	37
36	In situ growth of ZnO nanodots on carbon hierarchical hollow spheres as high-performance electrodes for lithium-ion batteries. Journal of Alloys and Compounds, 2018, 735, 1079-1087.	5.5	34

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37	YCa ₃ (VO) ₃ (BO) ₃ : A Kagomé Compound Based on Vanadium(III) with a Highly Frustrated Ground State. Chemistry of Materials, 2011, 23, 1315-1322.	6.7	33
38	Ga Substitution and Oxygen Diffusion Kinetics in Ca ₃ Co ₄ O ₉ ⁺ -Based Thermoelectric Oxides. Journal of Physical Chemistry C, 2013, 117, 13382-13387.	3.1	32
39	Investigating the order-disorder phase transition in Nd _{2-x} YxZr ₂ O ₇ via diffraction and spectroscopy. Dalton Transactions, 2013, 42, 14875.	3.3	31
40	Neutron Diffraction Study of the Li-Ion Battery Cathode Li ₂ FeP ₂ O ₇ . Inorganic Chemistry, 2013, 52, 3334-3341.	4.0	31
41	Crystal structures of orthorhombic, hexagonal, and cubic compounds of the Sm(x)Yb(2-x)TiO ₅ series. Journal of Solid State Chemistry, 2014, 213, 182-192.	2.9	31
42	Spin-gap opening accompanied by a strong magnetoelastic response in the S ₁ magnetic dimer system Ba ₃ BiRu ₃ Mo ₃ O ₁₉ . Chemistry of Materials, 2012, 24, 4607-4614.	3.2	30
43	Local Structure, Dynamics, and the Mechanisms of Oxide Ionic Conduction in Bi ₂₆ Mo ₁₀ O ₆₉ . Chemistry of Materials, 2012, 24, 4607-4614.	6.7	30
44	Magnetic Structure and Properties of the Rechargeable Battery Insertion Compound Na ₂ FePO ₄ F. Inorganic Chemistry, 2014, 53, 682-684.	4.0	30
45	Floating-zone growth of brownmillerite Sr ₂ Fe ₂ O ₅ and the observation of a chain-ordered superstructure by single-crystal neutron diffraction. Solid State Ionics, 2012, 225, 432-436.	2.7	29
46	Structures of Bi ₁₄ WO ₂₄ and Bi ₁₄ MoO ₂₄ from neutron powder diffraction data. Acta Crystallographica Section B: Structural Science, 1999, 55, 306-312.	1.8	28
47	Interlayer tuning of electronic and magnetic properties in honeycomb ordered Ag ₃ LiRu ₂ O ₆ . Journal of Materials Chemistry, 2010, 20, 8021.	6.7	28
48	Sillen Aurivillius Intergrowth Phases as Templates for Naturally Layered Multiferroics. Chemistry of Materials, 2012, 24, 3932-3942.	6.7	28
49	A (3 + 3)-Dimensional Hypercubic Oxide-Ionic Conductor: Type II Bi ₂ O ₃ Nb ₂ O ₅ . Journal of the American Chemical Society, 2013, 135, 6477-6484.	13.7	28
50	Oxide Ion Conductivity, Phase Transitions, and Phase Separation in Fluorite-Based Bi _{38-x} Mo _{7+x} O _{78+1.5x} . Chemistry of Materials, 2010, 22, 4484-4494.	6.7	27
51	Neutron scattering study of short-range correlations and ionic diffusion in copper selenide. Ionics, 2011, 17, 75-80.	2.4	27
52	Structural and magnetic behavior of a quasi-1D antiferromagnetic chain compound Cu(NCS) ₂ (pyz). Polyhedron, 2003, 22, 2045-2049.	2.2	26
53	Synthesis and Characterization of the Crystal and Magnetic Structures and Properties of the Hydroxyfluorides Fe(OH)F and Co(OH)F. Inorganic Chemistry, 2014, 53, 365-374.	4.0	25
54	Structural evolution in synthetic, Ca-based sorbents for carbon capture. Chemical Engineering Science, 2016, 139, 15-26.	3.8	24

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55	Lattice Disorder and Oxygen Migration Pathways in Pyrochlore and Defect-Fluorite Oxides. Chemistry of Materials, 2021, 33, 1407-1415.	6.7	24
56	Liquid-like Ionic Diffusion in Solid Bismuth Oxide Revealed by Coherent Quasielastic Neutron Scattering. Chemistry of Materials, 2017, 29, 7408-7415.	6.7	23
57	Three-layer Aurivillius phases containing magnetic transition metal cations: $\text{Bi}_2\text{A}^{2+}\text{xSr}_{2+x}(\text{Nb,Ta})_2\text{xM}_1\text{A}^{1+}\text{xO}_{12}$, $\text{M}=\text{Ru}^{4+}$, Ir^{4+} , Mn^{4+} , $\text{x}\approx 0.5$. Journal of Solid State Chemistry, 2007, 180, 370-376.	2.9	22
58	Synthesis-Controlled Polymorphism and Magnetic and Electrochemical Properties of $\text{Li}_3\text{Co}_2\text{SbO}_6$. Inorganic Chemistry, 2019, 58, 13881-13891.	4.0	22
59	Impact of Jahn-Teller active Mn^{3+} on the structure and properties of $\text{Sr}_{1-x}\text{La}_x\text{MnO}_3$ perovskites. Physical Review B, 2010, 81, .	3.2	21
60	Circularly polarized soft x-ray diffraction study of helical magnetism in hexaferrite. Physical Review B, 2010, 81, .	3.2	20
61	Anion Disorder in Lanthanoid Zirconates $\text{Gd}_2\text{TbxZr}_2\text{O}_7$. Inorganic Chemistry, 2013, 52, 8409-8415.	4.0	20
62	Elucidation of the high-voltage phase in the layered sodium ion battery cathode material $\text{P}_3\text{Na}_{0.5}\text{Ni}_{0.25}\text{Mn}_{0.75}\text{O}_2$. Journal of Materials Chemistry A, 2020, 8, 21151-21162.	10.3	20
63	Synthesis, structures, and phase transitions of barium bismuth iridium oxide perovskites $\text{Ba}_2\text{BilrO}_6$ and $\text{Ba}_3\text{Bilr}_2\text{O}_9$. Journal of Solid State Chemistry, 2010, 183, 727-735.	2.9	18
64	Long-Range-Ordered Coexistence of 4-, 5-, and 6-Coordinate Niobium in the Mixed Ionic-Electronic Conductor $\text{Ba}_4\text{Nb}_2\text{O}_9$. Chemistry of Materials, 2013, 25, 3154-3161.	6.7	18
65	Mechanistic Insight into Energy Transfer Dynamics and Color Tunability of $\text{Na}_4\text{CaSi}_3\text{O}_9\text{:Tb}^{3+},\text{Eu}^{3+}$ for Warm White LEDs. Chemistry - A European Journal, 2020, 26, 5619-5628.	3.3	18
66	Designing new n=2 Aurivillius phases by lattice-matched substitutions in the halide and $[\text{Bi}_2\text{O}_2]^{2+}$ layers. Journal of Solid State Chemistry, 2013, 205, 165-170.	2.9	17
67	Reversible CO_2 Absorption by the 6H Perovskite $\text{Ba}_4\text{Sb}_2\text{O}_9$. Chemistry of Materials, 2013, 25, 4881-4891.	6.7	17
68	Studying the effects of Zr-doping in $(\text{Bi}_0.5\text{Na}_0.5)\text{TiO}_3$ via diffraction and spectroscopy. Dalton Transactions, 2014, 43, 17358-17365.	3.3	17
69	Neutron Laue diffraction study of the complex low-temperature magnetic behaviour of brownmillerite-type $\text{Ca}_2\text{Fe}_2\text{O}_5$. Journal of Applied Crystallography, 2015, 48, 273-279.	4.5	17
70	Neutron diffraction study of diffuse scattering in Cu_2Se superionic compounds. Journal of Alloys and Compounds, 2011, 509, 5460-5465.	5.5	16
71	Insights into the high voltage layered oxide cathode materials in sodium-ion batteries: Structural evolution and anion redox. Journal of Power Sources, 2021, 481, 229139.	7.8	16
72	Magnetic phase diagram of layered manganites in the highly doped regime. Journal of Applied Physics, 2001, 89, 6618-6620.	2.5	15

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73	Synthesis and characterization of the crystal structure, the magnetic and the electrochemical properties of the new fluorophosphate LiNaFe[PO ₄]F. Dalton Transactions, 2012, 41, 11692.	3.3	15
74	Synthesis and Characterization of the Crystal Structure and Magnetic Properties of the New Fluorophosphate LiNaCo[PO ₄]F. Inorganic Chemistry, 2012, 51, 8729-8738.	4.0	15
75	Effects of Mixed Valency in an Fe-Based Framework: Coexistence of Slow Magnetic Relaxation, Semiconductivity, and Redox Activity. Inorganic Chemistry, 2020, 59, 3619-3630.	4.0	15
76	Pressure-Induced Intersite Bi ²⁺ /M (M=Ru, Ir) Valence Transitions in Hexagonal Perovskites. Angewandte Chemie - International Edition, 2014, 53, 3414-3417.	13.8	14
77	A New <i>n</i> = 4 Layered Ruddlesden-Popper Phase K _{2.5} Bi _{2.5} Ti ₄ O ₁₃ Showing Stoichiometric Hydration. Inorganic Chemistry, 2016, 55, 1403-1411.	4.0	14
78	Structure and crystal chemistry of fluorite-related Bi ₃₈ Mo ₇ O ₇₈ from single crystal X-ray diffraction and ab initio calculations. Journal of Solid State Chemistry, 2009, 182, 1312-1318.	2.9	13
79	Antiferroelectric modulations in Sb ₂ WO ₆ and Sb ₂ MoO ₆ . Acta Crystallographica Section B: Structural Science, 1996, 52, 610-615.	1.8	12
80	Coexistence of ferroelectricity and magnetism in transition-metal-doped <i>n</i> = 3 Aurivillius phases. Journal of Physics Condensed Matter, 2008, 20, 025215.	1.8	12
81	Structures, phase transitions and microwave dielectric properties of the 6H perovskites Ba ₃ Bs ₂ O ₉ , B=Mg, Ca, Sr, Ba. Journal of Solid State Chemistry, 2009, 182, 479-483.	2.9	12
82	Hydration Mechanisms and Proton Conduction in the Mixed Ionic-Electronic Conductors Ba ₄ Nb ₂ O ₉ and Ba ₄ Ta ₂ O ₉ . Chemistry of Materials, 2018, 30, 4949-4958.	6.7	12
83	Investigation of K modified P2 Na _{0.7} Mn _{0.8} Mg _{0.2} O ₂ as a cathode material for sodium-ion batteries. CrystEngComm, 2019, 21, 172-181.	2.6	12
84	Synthesis, structure, and stability of the high-temperature 6H-type perovskite phase Ba ₃ Bs ₂ O ₉ . Acta Crystallographica Section B: Structural Science, 2007, 63, 584-588.	1.8	11
85	The structure and conductivity of new fluorite-type Bi ₂ O ₃ -Er ₂ O ₃ -PbO materials. Solid State Ionics, 2007, 178, 1451-1451.	2.7	11
86	The structural and conductivity evolution of fluorite-type Bi ₂ O ₃ -Er ₂ O ₃ -PbO solid electrolytes during long-term annealing. Solid State Ionics, 2008, 179, 697-705.	2.7	11
87	Phase diagram, chemical stability and physical properties of the solid-solution Ba ₄ Nb ₂ Ta ₂ O ₉ . Journal of Solid State Chemistry, 2011, 184, 2648-2654.	2.9	11
88	Magnetic structures of ¹²⁷ I-Li ₂ CoSiO ₄ and ¹³³ I-Li ₂ MnSiO ₄ : Crystal structure type vs. magnetic topology. Journal of Solid State Chemistry, 2014, 216, 42-48.	2.9	11
89	Long- and short-range structure studies of KBT-KBZ solid-solutions using synchrotron radiation. Dalton Transactions, 2015, 44, 10681-10688.	3.3	11
90	Phase behavior and mixed ionic-electronic conductivity of Ba ₄ Sb ₂ O ₉ . Solid State Ionics, 2013, 235, 1-7.	2.7	10

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91	Complex 5d Magnetism in a Novel $S = 1/2$ Trimer System, the 12L Hexagonal Perovskite $Ba_4Bi_3O_{12}$. <i>Inorganic Chemistry</i> , 2013, 52, 12461-12467.	4.0	10
92	Synthesis, structure and geometrically frustrated magnetism of the layered oxide-stannide compounds $Fe(Fe_{1-x}Mn_x)_2Si_2Sn_7O_{16}$. <i>Dalton Transactions</i> , 2016, 45, 9689-9694.	3.3	10
93	Magnetic structure and properties of centrosymmetric twisted-melilite $K_2CoP_2O_7$. <i>Dalton Transactions</i> , 2017, 46, 6409-6416.	3.3	10
94	Modeling and Rietveld-Refinement of the Crystal Structure of $Bi_4Ta_2O_{11}$ Based on That of $Bi_7Ta_3O_{18}$. <i>Journal of Solid State Chemistry</i> , 1999, 142, 33-40.	2.9	9
95	Solving $-Bi_2O_3$ -related superstructures by combining neutron powder diffraction and ab initio calculations. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 193-195.	2.7	9
96	Re-investigation of the structure and crystal chemistry of the Bi_2O_3 - W_2O_6 'type (Ib)' solid solution using single-crystal neutron and synchrotron X-ray diffraction. <i>Acta Crystallographica Section B: Structural Science</i> , 2010, 66, 165-172.	1.8	9
97	Ab initio parametrized polarizable force field for rutile-type SnO_2 . <i>Theoretical Chemistry Accounts</i> , 2012, 131, 1.	1.4	9
98	Magnetic structure of $Sr_2Fe_2O_5$ brownmillerite by single-crystal Mössbauer spectroscopy. <i>Journal of Solid State Chemistry</i> , 2013, 205, 5-9.	2.9	9
99	Sodium manganese fluorosulfate with a triple structure. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013, 69, 584-588.	1.1	9
100	Synthesis and characterization of the crystal structure and magnetic properties of the hydroxyfluoride $MnF_2 \cdot x(OH)_x$ ($x \approx 0.8$). <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 13061.	2.8	9
101	Experimental observation and computational study of the spin-gap excitation in $Ba_3BiRu_2O_9$. <i>Physical Review B</i> , 2016, 94, .	3.2	9
102	In-situ synthesis of $NiCoS$ nanoparticles embedded in novel carbon bowknots and flowers with pseudocapacitance-boosted lithium ion storage. <i>Nanotechnology</i> , 2019, 30, 155701.	2.6	9
103	Alkali Metal-Modified $P_2Na_xMnO_2$: Crystal Structure and Application in Sodium-Ion Batteries. <i>Inorganic Chemistry</i> , 2020, 59, 12143-12155.	4.0	9
104	Integrated Polyphenol-Based Hydrogel Templating Method for Functional and Structured Oxidic Nanomaterials. <i>Chemistry of Materials</i> , 2020, 32, 4716-4723.	6.7	9
105	Synthesis and Structural Characterization of a New Family of Layered Intergrowth Phases Based on Antimony(III) Oxide. <i>Journal of Solid State Chemistry</i> , 1996, 125, 19-29.	2.9	8
106	Structures of H perovskites $Ba_3CaSb_2O_9$ and $Ba_3SrSb_2O_9$ determined by synchrotron X-ray diffraction, neutron powder diffraction and ab initio calculations. <i>Acta Crystallographica Section B: Structural Science</i> , 2008, 64, 154-159.	1.8	8
107	Structure, crystal chemistry and thermal evolution of the $\tilde{\gamma}$ - Bi_2O_3 -related phase Bi_9ReO_{17} . <i>Journal of Solid State Chemistry</i> , 2009, 182, 2468-2474.	2.9	8
108	Diffraction and spectroscopic study of pyrochlores $Bi_2 \cdot xFe_{1+x}SbO_7$. <i>Journal of Alloys and Compounds</i> , 2014, 589, 425-430.	5.5	8

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109	Structural relationships among $\text{LiNaMg}[\text{PO}_4]_F$ and $\text{Na}_2\text{M}[\text{PO}_4]_F$ (M = Mn, Ni, and Mg), and the magnetic structure of $\text{LiNaNi}[\text{PO}_4]_F$. Dalton Transactions, 2014, 43, 2044-2051.	3.3	8
110	Tuning the giant magnetoelastic transition in $\text{Ba}_3\text{BiRu}_2\text{O}_9$ and $\text{Ba}_3\text{BiRu}_2\text{O}_9$. Journal of Physics Condensed Matter, 2014, 26, 276003.	1.8	8
111	Key Role of Bismuth in the Magnetoelastic Transitions of $\text{Ba}_3\text{BiRu}_2\text{O}_9$ and $\text{Ba}_3\text{BiRu}_2\text{O}_9$ As Revealed by Chemical Doping. Inorganic Chemistry, 2014, 53, 952-960.	4.0	8
112	Crystal and Magnetic Structures of Melilite-Type $\text{Ba}_2\text{MnSi}_2\text{O}_7$. Inorganic Chemistry, 2019, 58, 4164-4172.	4.0	8
113	Growth of LiCoO_2 Single Crystals by the TSFZ Method. Crystal Growth and Design, 2019, 19, 415-420.	3.0	8
114	Heavily doped bilayer manganites: links among structure, charge, and spin. Applied Physics A: Materials Science and Processing, 2002, 74, s1776-s1778.	2.3	7
115	Magnetic inhomogeneities in electron-doped $\text{Ca}_{1-x}\text{La}_x\text{MnO}_3$. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 246-248.	2.3	7
116	Neutron diffraction study of the HF adducts containing a hydrogen bond $\text{F}^-\cdots\text{H}^+\cdots\text{O}$. Journal of Solid State Chemistry, 2004, 177, 3224-3228.	2.9	7
117	Soft ferromagnetism in mixed valence $\text{Sr}_{1-x}\text{La}_x\text{Ti}_{0.5}\text{Mn}_{0.5}\text{O}_3$ perovskites. Dalton Transactions, 2014, 43, 6909-6918.	3.3	7
118	An unconventional method for measuring the T_c -edge of technetium compounds. Journal of Synchrotron Radiation, 2014, 21, 1275-1281.	2.4	7
119	Experimental and computational study of the magnetic properties of $\text{ZrMn}_2\text{Co}_x\text{Ge}_4\text{O}_{12}$. Dalton Transactions, 2017, 46, 6921-6933.	3.3	7
120	Striped magnetic ground state of the kagome lattice in O_6FeMn_4 . Physical Review B, 2017, 96, .	3.2	7
121	Order, Disorder, and Dynamics in Brownmillerite $\text{Sr}_2\text{Fe}_2\text{O}_5$. Inorganic Chemistry, 2019, 58, 12317-12324.	4.0	7
122	Block copolymer-directed synthesis of porous anatase for lithium-ion battery electrodes. Journal of Polymer Science Part A, 2019, 57, 1890-1896.	2.3	7
123	Solution and refinement of the crystal structure of $\text{Bi}_7\text{Ta}_3\text{O}_{18}$. Acta Crystallographica Section B: Structural Science, 1999, 55, 157-164.	1.8	6
124	Enhanced stability of charge and orbital order in $\text{La}_{0.78}\text{Sr}_{2.22}\text{Mn}_2\text{O}_7$. Physical Review B, 2004, 69, .	3.2	6
125	Frustrated magnetism and local structural disorder in pyrochlore-type $\text{Bi}_{1.89}\text{Fe}_{1.16}\text{Nb}_{0.95}\text{O}_{6.95}$. Journal of Physics Condensed Matter, 2010, 22, 486004.	1.8	6
126	Type II $\text{Bi}_{1-x}\text{W}_x\text{O}_{1.5+x}$: a (3+)-dimensional commensurate modulation that stabilizes the fast-ion conducting delta phase of bismuth oxide. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 679-687.	1.1	6

#	ARTICLE	IF	CITATIONS
127	$\text{YCa}_3(\text{CrO})_3(\text{BO})_4$: A Cr^{3+} Kagomé Lattice Compound Showing No Magnetic Order down to 2 K. <i>Inorganic Chemistry</i> , 2016, 55, 7535-7541.	4.0	6
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