Saul H Lapidus

List of Publications by Year
in descending order

117 papers	3,386 citations	159585 30 h-index	161849 54 g-index
125 all docs	125 docs citations	125 times ranked	5607 citing authors

#	Article	IF	Citations
1	Molecular docking sites designed for the generation of highly crystalline covalent organic frameworks. Nature Chemistry, 2016, 8, 310-316.	13.6	436
2	Rechargeable Ca-Ion Batteries: A New Energy Storage System. Chemistry of Materials, 2015, 27, 8442-8447.	6.7	271
3	Solvation structure and energetics of electrolytes for multivalent energy storage. Physical Chemistry Chemical Physics, 2014, 16, 21941-21945.	2.8	124
4	Long-Range Antiferromagnetic Order in a Rocksalt High Entropy Oxide. Chemistry of Materials, 2019, 31, 3705-3711.	6.7	112
5	From Coating to Dopant: How the Transition Metal Composition Affects Alumina Coatings on Ni-Rich Cathodes. ACS Applied Materials & Interfaces, 2017, 9, 41291-41302.	8.0	102
6	Double-Q spin-density wave in iron arsenideÂsuperconductors. Nature Physics, 2016, 12, 493-498.	16.7	101
7	First Row Transition Metal(II) Thiocyanate Complexes, and Formation of 1-, 2-, and 3-Dimensional Extended Network Structures of M(NCS)₂(Solvent)₂ (M = Cr, Mn, Co) Composition. Inorganic Chemistry, 2013, 52, 10583-10594.	4.0	85
8	Non-Prussian Blue Structures and Magnetic Ordering of Na₂Mn^{II}[Mn^{II}(CN)₆] and Na₂Mn^{II}[Mn^{II}(CN)₆]Â·2H₂O. Journal of the American Chemical Society, 2012, 134, 2246-2254.	13.7	84
9	Intercalation of Magnesium into a Layered Vanadium Oxide with High Capacity. ACS Energy Letters, 2019, 4, 1528-1534.	17.4	75
10	Exploiting High Pressures to Generate Porosity, Polymorphism, And Lattice Expansion in the Nonporous Molecular Framework Zn(CN)₂. Journal of the American Chemical Society, 2013, 135, 7621-7628.	13.7	74
11	Extended Network Thiocyanate- and Tetracyanoethanide-Based First-Row Transition Metal Complexes. Inorganic Chemistry, 2012, 51, 9655-9665.	4.0	72
12	High-Voltage Phosphate Cathodes for Rechargeable Ca-Ion Batteries. ACS Energy Letters, 2020, 5, 3203-3211.	17.4	65
13	Thermodynamics, Kinetics and Structural Evolution of Îµ-LiVOPO4 over Multiple Lithium Intercalation. Chemistry of Materials, 2016, 28, 1794-1805.	6.7	64
14	Using Mixed Salt Electrolytes to Stabilize Silicon Anodes for Lithium-Ion Batteries via in Situ Formation of Liâ€"Mâ€"Si Ternaries (M = Mg, Zn, Al, Ca). ACS Applied Materials & Interfaces, 2019, 11, 29780-29790.	8.0	60
15	Dirac metal to topological metal transition at a structural phase change in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Au</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">Pb</mml:mi></mml:math>and prediction of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="double-struck">Z</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>topology	3.2	55
16	Probing Mg Migration in Spinel Oxides. Chemistry of Materials, 2020, 32, 663-670.	6.7	53
17	Dynamics of Hydroxyl Anions Promotes Lithium Ion Conduction in Antiperovskite Li₂OHCl. Chemistry of Materials, 2020, 32, 8481-8491.	6.7	53
18	Mechanochemical reactions of coordination polymers by grinding with KBr. Chemical Communications, 2012, 48, 2585.	4.1	49

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19	Identifying the chemical and structural irreversibility in LiNi_{0.8}Co_{0.15}Al_{0.05}O₂ â€“ a model compound for classical layered intercalation. Journal of Materials Chemistry A, 2018, 6, 4189-4198.	10.3	48
20	High Voltage Mg-Ion Battery Cathode via a Solid Solution Crâ€“Mn Spinel Oxide. Chemistry of Materials, 2020, 32, 6577-6587.	6.7	48
21	High Capacity for Mg²⁺ Deintercalation in Spinel Vanadium Oxide Nanocrystals. ACS Energy Letters, 2020, 5, 2721-2727.	17.4	48
22	Applications of principal component analysis to pair distribution function data. Journal of Applied Crystallography, 2015, 48, 1619-1626.	4.5	47
23	Extreme Confinement of Xenon by Cryptophaneâ€111 in the Solid State. Angewandte Chemie - International Edition, 2015, 54, 1471-1475.	13.8	43
24	Sensitivity and Limitations of Structures from X-ray and Neutron-Based Diffraction Analyses of Transition Metal Oxide Lithium-Battery Electrodes. Journal of the Electrochemical Society, 2017, 164, A1802-A1811.	2.9	40
25	Implementation and use of robust refinement in powder diffraction in the presence of impurities. Journal of Applied Crystallography, 2009, 42, 385-391.	4.5	37
26	Composition, Response to Pressure, and Negative Thermal Expansion in M^{II}B^{IV}F₆ (M = Ca, Mg; B = Zr, Nb). Chemistry of Materials, 2017, 29, 823-831.	6.7	36
27	Evidence for Multicenter Bonding in Dianionic Tetracyanoethylene Dimers by Raman Spectroscopy. Angewandte Chemie - International Edition, 2013, 52, 6421-6425.	13.8	33
28	Electrochemical Reduction of a Spinel-Type Manganese Oxide Cathode in Aqueous Electrolytes with Ca²⁺ or Zn²⁺. Journal of Physical Chemistry C, 2018, 122, 4182-4188.	3.1	33
29	Low-Frequency Phonon Driven Negative Thermal Expansion in Cubic GaFe(CN)₆ Prussian Blue Analogues. Inorganic Chemistry, 2018, 57, 10918-10924.	4.0	32
30	Third structure determination by powder diffractometry round robin (SDPDRR-3). Powder Diffraction, 2009, 24, 254-262.	0.2	31
31	A Comparison of Cocrystal Structure Solutions from Powder and Single Crystal Techniques. Crystal Growth and Design, 2010, 10, 4630-4637.	3.0	31
32	Symmetry and light stuffing of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">H</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">T</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi	3.2	31
33	Probing Electrochemical Mg-Ion Activity in MgCr_{2â€“<i>x</i>}V<i>_x</i>O₄ Spinel Oxides. Chemistry of Materials, 2020, 32, 1162-1171.	6.7	31
34	Structural, Electronic, and Magnetic Properties of Quasi-1D Quantum Magnets [Ni(HF₂)(pyz)₂]X (pyz = pyrazine; X = PF₆^{â€“},) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Chemistry, 2011, 50, 5990-6009.	4.0	30
35	The Black Polymorph of TTF-CA: TTF Polymorphism and Solvent Effects in Mechanochemical and Vapor Digestion Syntheses, FT-IR, Crystal Packing, and Electronic Structure. Crystal Growth and Design, 2014, 14, 91-100.	3.0	28
36	Tunable Thermal Expansion from Negative, Zero, to Positive in Cubic Prussian Blue Analogues of GaFe(CN)₆. Inorganic Chemistry, 2018, 57, 14027-14030.	4.0	28

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37	High-Pressure Synthesis of Lu₂NiIrO₆ with Ferrimagnetism and Large Coercivity. Inorganic Chemistry, 2019, 58, 397-404.	4.0	28
38	Structure and magnetic ordering of a 2-D MnII(TCNE)I(OH2) (TCNE = tetracyanoethylene) organic-based magnet (Tc = 171 K). Chemical Communications, 2011, 47, 7602.	4.1	26
39	Molecular Packing and Singlet Fission: The Parent and Three Fluorinated 1,3-Diphenylisobenzofurans. Journal of Physical Chemistry Letters, 2019, 10, 1947-1953.	4.6	25
40	Operando X-ray Diffraction Studies of the Mg-Ion Migration Mechanisms in Spinel Cathodes for Rechargeable Mg-Ion Batteries. Journal of the American Chemical Society, 2021, 143, 10649-10658.	13.7	24
41	Antiferromagnetism in a Family of <i>S</i> = 1 Square Lattice Coordination Polymers NiX₂(pyz)₂ (X = Cl, Br, I, NCS; pyz = Pyrazine). Inorganic Chemistry, 2016, 55, 3515-3529.	4.0	23
42	Multivalent Electrochemistry of Spinel Mg_{<i>x</i>}Mn_{3â€"<i>x</i>}O₄ Nanocrystals. Chemistry of Materials, 2018, 30, 1496-1504.	6.7	23
43	Structure and Phase Transformation in the Giant Magnetostriction Laves-Phase SmFe₂. Inorganic Chemistry, 2018, 57, 689-694.	4.0	23
44	Structure and Negative Thermal Expansion in Zr_{0.3}Sc_{1.7}Mo_{2.7}V_{0.3}O₁₂. Inorganic Chemistry, 2020, 59, 4090-4095.	4.0	23
45	Competing Structural Instabilities in the Ruddlesdenâ€"Popper Derivatives HRTiO₄ (R = Rare) Tj ETQq1 1 0.784314 rgBT /C Centrosymmetricity. Chemistry of Materials, 2017, 29, 656-665.	6.7	22
46	YCrWO₆: Polar and Magnetic Oxide with CaTa₂O₆-Related Structure. Chemistry of Materials, 2018, 30, 1045-1054.	6.7	22
47	A Tale of Two Polymorphic Pharmaceuticals: Pyrithyldione and Propyphenazone and their 1937 Coâ€crystal Patent. Chemistry - A European Journal, 2011, 17, 13445-13460.	3.3	21
48	Tetragonal Cs_{1.17}In_{0.81}Cl₃: A Charge-Ordered Indium Halide Perovskite Derivative. Chemistry of Materials, 2019, 31, 1981-1989.	6.7	20
49	Interpenetrating Three-Dimensional Diamondoid Lattices and Antiferromagnetic Ordering (<i>T</i>_c = 73 K) of Mn^{II}(CN)₂. Inorganic Chemistry, 2012, 51, 3046-3050.	4.0	18
50	Antiferromagnetic ordering through a hydrogen-bonded network in the molecular solid CuF₂(H₂O)₂(3-chloropyridine). Chemical Communications, 2013, 49, 499-501.	4.1	18
51	Structure and Magnetic Behavior of Layered Honeycomb Tellurates, BiM(III)TeO₆ (M = Cr,) Tj ETQq1 1 0.784314 rgBT /Ove	4.0	18
52	Control of the third dimension in copper-based square-lattice antiferromagnets. Physical Review B, 2016, 93, .	3.2	18
53	From Waste-Heat Recovery to Refrigeration: Compositional Tuning of Magnetocaloric Mn_{1+<i>x</i>}Sb. Chemistry of Materials, 2020, 32, 1243-1249.	6.7	18
54	Influence of HF2â^' geometry on magnetic interactions elucidated from polymorphs of the metalâ€"organic framework [Ni(HF2)(pyz)2]PF6 (pyz = pyrazine). Dalton Transactions, 2012, 41, 7235.	3.3	16

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55	The (Current) Acridine Solid Form Landscape: Eight Polymorphs and a Hydrate. Crystal Growth and Design, 2019, 19, 4884-4893.	3.0	16
56	Synthesis of Antiperovskite Solid Electrolytes: Comparing Li₃SI, Na₃SI, and Ag₃SI. Inorganic Chemistry, 2020, 59, 11244-11247.	4.0	16
57	Investigation of Ca Insertion into Î±-MoO₃ Nanoparticles for High Capacity Ca-Ion Cathodes. Nano Letters, 2022, 22, 2228-2235.	9.1	16
58	Combining microscopic and macroscopic probes to untangle the single-ion anisotropy and exchange energies in an <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn quantum antiferromagnet. Physical Review B, 2017, 95, .	3.2	15
59	Mn₂CoReO₆: a robust multisublattice antiferromagnetic perovskite with small A-site cations. Chemical Communications, 2019, 55, 3331-3334.	4.1	15
60	Enhanced charge storage of nanometric Î¶-V₂O₅ in Mg electrolytes. Nanoscale, 2020, 12, 22150-22160.	5.6	15
61	High-Pressure Synthesis of Double Perovskite Ba₂NiIrO₆: In Search of a Ferromagnetic Insulator. Inorganic Chemistry, 2021, 60, 1241-1247.	4.0	14
62	Evidence for Multicenter Bonding in Dianionic Tetracyanoethylene Dimers by Raman Spectroscopy. Angewandte Chemie, 2013, 125, 6549-6553.	2.0	13
63	Synthesis, structure, linear and nonlinear optical properties of noncentrosymmetric quaternary diamond-like semiconductors, Cu2ZnGeSe4 (CZGSe) and the novel Cu4ZnGe2Se7. Journal of Alloys and Compounds, 2021, 888, 161499.	5.5	13
64	Quantifying magnetic exchange in doubly-bridged Cuâ€"X2â€"Cu (X = F, Cl, Br) chains enabled by solid state synthesis of CuF2(pyrazine). Chemical Communications, 2013, 49, 3558.	4.1	12
65	Single-Crystal Growth and Room-Temperature Magnetocaloric Effect of X-Type Hexaferrite Sr₂Co₂Fe₂₈O₄₆. Inorganic Chemistry, 2020, 59, 6755-6762.	4.0	11
66	Enhancing easy-plane anisotropy in bespoke Ni(II) quantum magnets. Polyhedron, 2020, 180, 114379.	2.2	10
67	Investigating Ternary Liâ€"Mgâ€"Si Zintl Phase Formation and Evolution for Si Anodes in Li-Ion Batteries with Mg(TFSI)₂ Electrolyte Additive. Chemistry of Materials, 2021, 33, 4960-4970.	6.7	10
68	Intercalation of Ca into a Highly Defective Manganese Oxide at Room Temperature. Chemistry of Materials, 2022, 34, 836-846.	6.7	10
69	Spectroscopic study of (two-dimensional) molecule-based magnets: [MII(TCNE)(NCMe)2][SbF6] (M = Fe,) Tj ETQq1 1 0.784314 rgBT /	3.0	9
70	Anomalous Stoichiometry, 3-D Bridged Triangular/Pentagonal Layered Structured Artificial Antiferromagnet for the Prussian Blue Analogue A₃Mn^{II}₅(CN)₁₃ (A = NMe₄,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 137 911-921.	3.7	9
71	High-Pressure, High-Temperature Synthesis and Characterization of Polar and Magnetic LuCrWO₆. Inorganic Chemistry, 2020, 59, 3579-3584.	4.0	9
72	A Polar Magnetic and Insulating Double Corundum Oxide: Mn₂MnSbO₆ with Ordered Mn(II) and Mn(III) Ions. Chemistry of Materials, 2021, 33, 6522-6529.	6.7	9

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73	Long-range and local crystal structures of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow> mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi>Ru</mml:mi><mml:msub><mml:mi	2.4	9
74	Evolution of noncollinear magnetism in magnetocaloric MnPtGa. Physical Review Materials, 2020, 4, .	2.4	9
75	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
76	Exotic hysteresis of ferrimagnetic transition in Laves compound TbCo₂. Materials Research Letters, 2020, 8, 97-102.	8.7	8
77	Ag(nic)₂ (nic = Nicotinate): A Spin-Canted Quasi-2D Antiferromagnet Composed of Square-Planar <i>S</i> = ¹/₂ Ag^{II} Ions. Inorganic Chemistry, 2012, 51, 1989-1991.	4.0	7
78	Magnetic transitions and spin-glass reentrance in two-dimensional [MnII(TCNE)(NCMe)2]X (X =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.8	7
79	In search of the elusive IrB2: Can mechanochemistry help?. Journal of Solid State Chemistry, 2016, 233, 108-119.	2.9	7
80	Anomalous Stoichiometry and Antiferromagnetic Ordering for the Extended Hydroxymanganese(II) Cubes/Hexacyanometalateâ€Based 3Dâ€Structured [Mn^{II}₄(OH)₄][Mn^{II}(CN)₆](OH₂)₆â‹…H<sub Chemistry - A European Journal, 2019, 25, 1752-1757.	3.3	7
81	Control of crystal size tailors the electrochemical performance of Î±-V₂O₅ as a Mg²⁺ intercalation host. Nanoscale, 2021, 13, 10081-10091.	5.6	7
82	<i>N</i>,7,7â€Tricyanoquinomethanimine (TCQMI) Based Organic Magnetic Materials. Advanced Functional Materials, 2012, 22, 1802-1811.	14.9	6
83	Bimetallic MOFs (H₃O)_x[Cu(MF₆)(pyrazine)₂]Â·(4 â^’) Tj ETQq1 1 0.784314 rgBT / disordered quantum spins in the V⁴⁺ system. Chemical Communications, 2016, 52, 12653-12656.	4.1	6
84	High-Pressure Synthesis and Ferrimagnetism of Ni₃TeO₆-Type Mn₂ScMO₆ (M = Nb, Ta). Inorganic Chemistry, 2019, 58, 15953-15961.	4.0	6
85	In situ investigation of phosphonate retarder interaction in oil well cements at elevated temperature and pressure conditions. Journal of the American Ceramic Society, 2020, 103, 6400-6413.	3.8	6
86	Nanoscale Phase Separation and Large Refrigerant Capacity in Magnetocaloric Material LaFe_{11.5}Si_{1.5}. Chemistry of Materials, 2021, 33, 2837-2846.	6.7	6
87	In Situ Methods for Metal-Flux Synthesis in Inert Environments. Chemistry of Materials, 2021, 33, 7657-7664.	6.7	6
88	Low temperature structures and magnetic interactions in the organic-based ferromagnetic and metamagnetic polymorphs of decamethylferrocenium 7,7,8,8-tetracyano-p-quinodimethanide, [FeCp*2]Ë™+[TCNQ]Ë™â^’. Dalton Transactions, 2021, 50, 11228-11242.	3.3	6
89	Dimer structure of 1,2-bipyridyldichloroiron(II), [FeIICl2bipy]2, and chain structure of 2,2â€²-bipyridyldithiocyanatoiron(II), [FeII(NCS)2bipy]n. The use of powder X-ray diffraction data to determine the structure of Werner coordination complexes. Polyhedron, 2013, 52, 713-718.	2.2	5
90	Structure and Properties of Nitrogen-Rich 1,4-Dicyanotetrazine, C₄N₆: A Comparative Study with Related Tetracyano Electron Acceptors. Journal of Organic Chemistry, 2014, 79, 8189-8201.	3.2	5

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91	Thermoelectric Properties of CoAsSb: An Experimental and Theoretical Study. Chemistry of Materials, 2018, 30, 4207-4215.	6.7	5
92	MnFe0.5Ru0.5O3: an above-room-temperature antiferromagnetic semiconductor. Journal of Materials Chemistry C, 2019, 7, 509-522.	5.5	5
93	Tl₂Ir₂O₇: A Pauli Paramagnetic Metal, Proximal to a Metal Insulator Transition. Inorganic Chemistry, 2021, 60, 4424-4433.	4.0	5
94	Expanding the Ambient-Pressure Phase Space of CaFe₂O₄-Type Sodium Postspinel Hostâ€"Guest Compounds. ACS Organic & Inorganic Au, 2022, 2, 8-22.	4.0	5
95	Tunable multiferroic order parameters in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ'</mml:mo><mml:mi>x</mml:mi></mml:mrow> [illegible] mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">M	2.4	5
96	Facile Electrochemical Mg-Ion Transport in a Defect-Free Spinel Oxide. Chemistry of Materials, 2022, 34, 3789-3797.	6.7	5
97	Site Dependency of the High Conductivity of Ga₂In₆Sn₂O₁₆: The Role of the 7-Coordinate Site. Chemistry of Materials, 2015, 27, 8084-8093.	6.7	4
98	Competing Charge/Spin-Stripe and Correlated Metal Phases in Trilayer Nickelates (Pr_{1â€"<i>x</i>}La_{<i>x</i>})₄Ni₃O₈. Chemistry of Materials, 2022, 34, 4560-4567.	6.7	4
99	The solidification products of levitated Fe83B17 studied by high-energy x-ray diffraction. Journal of Applied Physics, 2016, 120, 175104.	2.5	3
100	First-principles study of carbon capture and storage properties of porous MnO₂ octahedral molecular sieve OMS-5. Powder Diffraction, 2019, 34, 13-20.	0.2	3
101	Synchrotron Based Measurement of the Temperature Dependent Thermal Expansion Coefficient of Ammonium Perchlorate. Propellants, Explosives, Pyrotechnics, 2020, 45, 480-485.	1.6	3
102	Acridine form IX. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 489-491.	0.5	3
103	Rietveld refinement of the cocrystal 2,4-dihydroxybenzoic acidâ€"Nâ€²-(propan-2-ylidene)nicotinohydrazide (1/1). Acta Crystallographica Section C: Crystal Structure Communications, 2012, 68, o335-o337.	0.4	2
104	Structure and magnetostructural correlation of ferrimagnetic meso-tetraphenylporphinatomanganese(III) dimethyl-N,Nâ€²-dicyanoquinone diiminide, [MnTPP]+[Me2DCNQI]Â·âˆ'. Science China Chemistry, 2012, 55, 987-996.	8.2	2
105	Synthesis, Crystal Structure, and Cooperative 3dâ€"5d Magnetism in Rock Salt Type Li4NiOsO6 and Li3Ni2OsO6. Inorganic Chemistry, 2020, 59, 7389-7397.	4.0	2
106	Influence of the Cubic Sublattice on Magnetic Coupling between the Tetrahedral Sites of Garnet. Inorganic Chemistry, 2021, 60, 8500-8506.	4.0	2
107	Fe_{3â€"<i>x</i>}InSn_{<i>x</i>}O₆ (<i>x</i> = 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
108	Investigating the A_{<i>n</i>+1}B_{<i>n</i>}X_{3<i>n</i>+1} Homologous Series: A New Platform for Studying Magnetic Praseodymium Based Intermetallics. ACS Omega, 2022, 7, 19048-19057.	3.5	2

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109	Ferrimagnetic Ordering and Anomalous Stoichiometry Observed for the Cubic, Extended 3D Prussian Blue Analogues (NEt₃Me)₂Mn^{II}₅(CN)₁₂ and (NEt₂Me₂)₂Mn^{II}₅(CN)₁₂: A Cationâ€Adaptive Structure. Chemistry - A European Journal, 2020, 26, 15565-15572.	3.3	1
110	Crystal chemistry and phase equilibria of the CaO-Â½Ho2O3-CoOz system at 885ÂÂ°C in air. Solid State Sciences, 2020, 107, 106348.	3.2	1
111	Iridate Li8IrO6: An Antiferromagnetic Insulator. Inorganic Chemistry, 2021, 60, 17201-17211.	4.0	1
112	Ultralow Lattice Thermal Conductivity in Metastable Ag₂GeS₃ Revealed by a Combined Experimental and Theoretical Study. Chemistry of Materials, 2022, 34, 6420-6430.	6.7	1
113	Ambient and High Pressure CuNiSb2: Metal-Ordered and Metal-Disordered NiAs-Type Derivative Pnictides. Inorganic Chemistry, 2020, 59, 14058-14069.	4.0	0
114	Measured and simulated thermoelectric properties of FeAs_{2âˆ’x}Se_x (<i>x</i> =) Tj ETQq0 0 0 rgBT /Overlock 1	5.4	0
115	Canting of the Magnetic Moments on the Octahedral Site of an Iron Oxide Garnet in Response to Diamagnetic Cation Substitution. Inorganic Chemistry, 2021, 60, 6249-6254.	4.0	0
116	In situ and operando structural analysis with high-energy X-rays at the Advanced Photon Source APS. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, a378-a378.	0.1	0
117	Crystal chemistry, phase diagrams and thermoelectric properties of the Caâ€“<i>M</i>â€“Coâ€“O (<i>M</i>) Tj ETQq1 1 0.784314 rgB 2019, 75, a198-a198.	0.1	0