Julia Y Chan

List of Publications by Year
in descending order

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206	4,980	101543	123424
papers	citations	36 h-index	61 g-index

240	240	240	5545
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metallic Spin-Liquid Behavior of the Geometrically Frustrated Kondo LatticePr2Ir2O7. Physical Review Letters, 2006, 96, 087204.	7.8	312
2	Realization of a three-dimensional spinâ€“anisotropic harmonic honeycomb iridate. Nature Communications, 2014, 5, 4203.	12.8	230
3	Nanoimprinted Perovskite Nanograting Photodetector with Improved Efficiency. ACS Nano, 2016, 10, 10921-10928.	14.6	168
4	Structure and Ferromagnetism of the Rare-Earth Zintl Compounds:Â Yb14MnSb11and Yb14MnBi11. Chemistry of Materials, 1998, 10, 3583-3588.	6.7	123
5	Structure and physical properties of the noncentrosymmetric superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mo</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msu Physical Review B, 2010, 82, .	3.2	110
6	Hydrostatic pressure-induced modifications of structural transitions lead to large enhancements of magnetocaloric effects in MnNiSi-based systems. Physical Review B, 2015, 91, .	3.2	100
7	Colossal Magnetoresistance in the Transition-Metal Zintl Compound Eu14MnSb11. Chemistry of Materials, 1997, 9, 3132-3135.	6.7	99
8	Phase transitions and microwave dielectric properties in the perovskite-like Ca(Al0.5Nb0.5)O3â^'CaTiO3 system. Journal of Applied Physics, 2001, 90, 904-914.	2.5	99
9	Crystal Structure and Physical Properties of Polymorphs of LnAlB4(Ln = Yb, Lu). Chemistry of Materials, 2007, 19, 1918-1922.	6.7	98
10	Adventures in Crystal Growth: Synthesis and Characterization of Single Crystals of Complex Intermetallic Compounds. Chemistry of Materials, 2012, 24, 409-420.	6.7	91
11	Thermodynamic and transport properties of single-crystalYb14MnSb11. Physical Review B, 1999, 59, 13829-13834.	3.2	84
12	Orientation of Organic Cations in Hybrid Inorganicâ€“Organic Perovskite CH₃NH₃PbI₃ from Subatomic Resolution Single Crystal Neutron Diffraction Structural Studies. Crystal Growth and Design, 2016, 16, 2945-2951.	3.0	82
13	Cation Ordering Types and Dielectric Properties in the Complex Perovskite Ca(Ca1/3Nb2/3)O3. Journal of Solid State Chemistry, 2001, 156, 122-134.	2.9	78
14	Colossal negative magnetoresistance in an antiferromagnet. Physical Review B, 1998, 57, R8103-R8106.	3.2	77
15	Crystal growth and structure of R2Ir2O7 (R=Pr, Eu) using molten KF. Materials Research Bulletin, 2007, 42, 928-934.	5.2	75
16	Discovery of the Griffiths Phase in the Itinerant Magnetic Semiconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 100, 017209.	7.8	74
17	Bulk Fermi surface of the Weyl type-II semimetallic candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î³</mml:mi><mml:mo>â^'</mml:mo Physical Review B, 2017, 96, .	3.2	74
18	Physical properties of the noncentrosymmetric superconductor Nb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>18</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>0</mml:mn><mml:mo>.	3.2	72

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19	Synthesis, Structure, and Magnetic Properties of the Rare-Earth Zintl Compounds Eu14MnPn11 and Eu14InPn11 (Pn = Sb, Bi). Chemistry of Materials, 1997, 9, 2131-2138.	6.7	71
20	Hip Fracture and Its Consequences: Differences Between Men and Women. Orthopedic Clinics of North America, 2006, 37, 611-622.	1.2	70
21	Crystal growth, transport, and magnetic properties of Ln3Co4Sn13 (Ln=La, Ce) with a perovskite-like structure. Journal of Solid State Chemistry, 2006, 179, 1642-1649.	2.9	62
22	Structure and physical properties of single crystal PrCr2Al20 and CeM2Al20 (M=V, Cr): A comparison of compounds adopting the CeCr2Al20 structure type. Journal of Solid State Chemistry, 2012, 196, 274-281.	2.9	61
23	Successive phase transitions and phase diagrams for the quasi-two-dimensional easy-axis triangular antiferromagnet Rb ₄ Mn(MoO ₄) ₃. Europhysics Letters, 2011, 94, 17001.	2.0	56
24	Observation of a two-dimensional Fermi surface and Dirac dispersion in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbMnSb</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2018, 97, .	3.2	54
25	Thermodynamic Properties of Quasi-2D Triangular Heisenberg Antiferromagnets: Comparative Study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>FeGa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Ga</mml:mi><mml:mn	7.8	53
26	Effects of hydrostatic pressure on magnetostructural transitions and magnetocaloric properties in (MnNiSi)1â^'x(FeCoGe)x. Journal of Applied Physics, 2015, 117, .	2.5	51
27	4f-Electron Localization inCexLa1â^'xMIn5withM=Co, Rh, or Ir. Physical Review Letters, 2004, 93, 186405.	7.8	50
28	Detailed study of the Fermi surfaces of the type-II Dirac semimetallic candidates <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>X</mml:mi><mml:msub><mml:mrow><mml:mi>Te</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:m (X =Pd, Pt). Physical Review B, 2018, 97, .	3.2	49
29	Probing the Lower Limit of Lattice Thermal Conductivity in an Ordered Extended Solid: Gd₁₁₇Co₅₆Sn₁₁₂, a Phonon Glassâ€“Electron Crystal System. Journal of the American Chemical Society, 2012, 134, 5965-5973.	13.7	48
30	Single-Crystal Growth of Ln2MIn8(Ln = La, Ce; M = Rh, Ir):Â Implications for the Heavy-Fermion Ground State. Chemistry of Materials, 2003, 15, 1394-1398.	6.7	47
31	Phase diagram and magnetocaloric effects in aluminum doped MnNiGe alloys. Journal of Applied Physics, 2013, 114, .	2.5	45
32	Correlated states in Î²-Li2IrO3 driven by applied magnetic fields. Nature Communications, 2017, 8, 961.	12.8	43
33	Magnetic, thermodynamic, and electrical transport properties of the noncentrosymmetric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>B</mml:mi><mml:mn>20</mml:mn></mml:math> germanides MnGe and CoGe. Physical Review B, 2014, 90, .	3.2	43
34	Accessing new magnetic regimes by tuning the ligand spin-orbit coupling in van der Waals magnets. Science Advances, 2020, 6, eabb9379.	10.3	42
35	Crystal Growth and Structure Determination of LaMIn5 (M=Co, Rh, Ir). Journal of Solid State Chemistry, 2002, 166, 245-250.	2.9	39
36	Targeted Crystal Growth of Rare Earth Intermetallics with Synergistic Magnetic and Electrical Properties: Structural Complexity to Simplicity. Accounts of Chemical Research, 2015, 48, 612-618.	15.6	39

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37	High magnetic field sensor using LaSb2. Applied Physics Letters, 2003, 82, 3713-3715.	3.3	38
38	Structure and electrical resistivity of CeNiSb3. Journal of Solid State Chemistry, 2004, 177, 293-298.	2.9	37
39	Superconducting properties ofBeB2.75. Physical Review B, 2002, 65, .	3.2	36
40	Effect of chemical doping on the thermoelectric properties of FeGa3. Journal of Applied Physics, 2011, 109, .	2.5	36
41	Targeting Calcium Magnesium Silicates for Polycaprolactone/Ceramic Composite Scaffolds. ACS Biomaterials Science and Engineering, 2015, 1, 94-102.	5.2	36
42	Fermi surface of the Weyl type-II metallic candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>WP</mml:mi><mml:mn>2</mml:mn></mml:msub></mml Physical Review B, 2017, 96, .	3.2	36
43	Characterization of novel akermanite:poly-Ïµ-caprolactone scaffolds for human adipose-derived stem cells bone tissue engineering. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 389-404.	2.7	35
44	Synthesis, Magnetic and Electronic Properties of Single Crystals of EuMn2P2. Journal of Solid State Chemistry, 2002, 163, 498-505.	2.9	34
45	Learning and studying strategies used by general chemistry students with different affective characteristics. Chemistry Education Research and Practice, 2016, 17, 675-684.	2.5	32
46	Phase Equilibria and Dielectric Behavior in the CaO:Al2O3:Nb2O5 System. Journal of Solid State Chemistry, 2000, 155, 78-85.	2.9	31
47	Electrodeposition of FeCoNiCu/Cu Compositionally Modulated Multilayers. Journal of the Electrochemical Society, 2002, 149, C349.	2.9	30
48	A comparison of the structure and localized magnetism in Ce2PdGa12 with the heavy fermion CePdGa6. Journal of Solid State Chemistry, 2005, 178, 3547-3553.	2.9	30
49	Structure property coupling in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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55	Synthesis, magnetic properties, and colossal magnetoresistance ofEu13.97Gd0.03MnSb11. Physical Review B, 2000, 61, 459-463.	3.2	25
56	Synthesis, structure, and magnetism of a new heavy-fermion antiferromagnet, CePdGa6. Journal of Solid State Chemistry, 2003, 174, 296-301.	2.9	25
57	Single crystal growth by self-flux method of the mixed valence gold halides Cs2[Au X2][Au X4] (X=Br,I). Journal of Crystal Growth, 2012, 355, 13-16.	1.5	25
58	Synthesis, Structure, and Magneto-transport of LnNi1-xSb2(Ln = Y, Gdâ^'Er). Chemistry of Materials, 2005, 17, 5810-5816.	6.7	24
59	Infrared study of the electronic structure of the metallic pyrochlore iridate Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Ir<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	24
60	Magnetism and Colossal Magnetoresistance of the Pseudo-Ternary Rare-Earth Transition-Metal Compounds, Eu14-xCaxMnSb11(x< 3). Chemistry of Materials, 2002, 14, 206-216.	6.7	23
61	The proof is in the powder: revealing structural peculiarities in the Yb₃Rh₄Sn₁₃ structure type. CrystEngComm, 2017, 19, 3381-3391.	2.6	23
62	The role of ceramic and glass science research in meeting societal challenges: Report from an <scp>NSF</scp>â€sponsored workshop. Journal of the American Ceramic Society, 2017, 100, 1777-1803.	3.8	23
63	Complex Polymorphic Behavior and Dielectric Properties of Perovskite-Related Sr(Sr1/3Nb2/3)O3. Journal of Solid State Chemistry, 2002, 166, 24-41.	2.9	22
64	Spin Dependent Impurity Effects on the 2D Frustrated Magnetism of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>NiGa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 207204.	7.8	22
65	Discovery of Î²-LnNiSb3(Ln = La, Ce):Â Crystal Growth, Structure, and Magnetic and Transport Behavior. Inorganic Chemistry, 2007, 46, 3010-3016.	4.0	21
66	Magnetic and transport properties of single crystal LnRu₂Al₁₀(Ln = Pr, Gd,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	21
67	Fermi surface, possible unconventional fermions, and unusually robust resistive critical fields in the chiral-structured superconductor AuBe. Physical Review B, 2019, 99, .	3.2	21
68	Magnetic order induced by Fe substitution of Al site in the heavy-fermion systems<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-YbAlB<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	3.2	20
69	Filling in the Holes: Structural and Magnetic Properties of the Chemical Pressure Stabilized LnMn_xGa₃ (Ln = Hoâ€“Tm; x < 0.15). Chemistry of Materials, 2014, 26, 1170-1179.	6.7	20
70	Bulk Fermi surface of the Weyl type-II semimetallic candidate NbIrTe4. Physical Review B, 2019, 99, .	3.2	20
71	High resolution three-dimensional visualization and characterization of coronary atherosclerosisin vitroby synchrotron radiation x-ray microtomography and highly localized x-ray diffraction. Physics in Medicine and Biology, 2002, 47, 4345-4356.	3.0	19
72	Synthesis, Structure, and Superconductivity in Be1.09B3. Journal of Solid State Chemistry, 2002, 163, 385-389.	2.9	19

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73	Surface and bulk structural properties of single-crystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sr</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2010, 81, .	3.2	19
74	Charge transport in cobalt-doped iron pyrite. Physical Review B, 2010, 81, .	3.2	19
75	In Vitro Evaluation of Titanium Exfoliation During Simulated Surgical Insertion of Dental Implants. Journal of Oral Implantology, 2016, 42, 34-40.	1.0	19
76	Crystal growth, characterization and physical properties of PrNiSb3, NdNiSb3 and SmNiSb3. Journal of Solid State Chemistry, 2004, 177, 4228-4236.	2.9	18
77	Magnetic and thermodynamic properties of cobalt-doped iron pyrite: Griffiths phase in a magnetic semiconductor. Physical Review B, 2010, 81, .	3.2	18
78	Crystal Growth, Transport, and the Structural and Magnetic Properties of Ln₄FeGa₁₂ with Ln = Y, Tb, Dy, Ho, and Er. Inorganic Chemistry, 2010, 49, 445-456.	4.0	18
79	Intermediate valence to heavy fermion through a quantum phase transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Yb</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>(</mml:mo><mml:mi) Tj ETQq1 1 0.784314 rgBT /O /><mml:mn. Physical Review B, 2016, 93, .	3.2	18
80	Casting a Wider Net: Rational Synthesis Design of Low-Dimensional Bulk Materials. Accounts of Chemical Research, 2018, 51, 12-20.	15.6	18
81	Magnetism and colossal magnetoresistance in the compound Sr14MnSb11. Journal of Applied Physics, 1998, 83, 7192-7194.	2.5	17
82	Superconducting properties ofMgCNi3films. Physical Review B, 2003, 68, .	3.2	17
83	Low-Temperature Susceptibility of the Noncentrosymmetric SuperconductorCePt3Si. Physical Review Letters, 2005, 94, 107001.	7.8	17
84	Competing magnetic states, disorder, and the magnetic character of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2015, 91, .	3.2	17
85	Thermal stability of mulliteRMn₂O₅(Râ€‰â€‰=â€‰â€‰Bi, Y, Pr, Sm or Gd): combined density functional theory and experimental study. Journal of Physics Condensed Matter, 2016, 28, 125602.	1.8	17
86	Rare Beryllium Icosahedra in the Intermediate Valence Compound CeBe13. Journal of the American Chemical Society, 2004, 126, 13926-13927.	13.7	16
87	Surface-Directed Synthesis of Erbium-Doped Yttrium Oxide Nanoparticles within Organosilane Zeptoliter Containers. ACS Applied Materials & Interfaces, 2014, 6, 15942-15949.	8.0	16
88	Band structure engineering of chemically tunable LnSbTe (Ln = La, Ce, Pr). APL Materials, 2019, 7, .	5.1	16
89	Subsolidus phase relations and dielectric properties in the SrOâ€“Al2O3â€“Nb2O5 system. Solid State Sciences, 2000, 2, 107-114.	0.7	15
90	Corrosion behavior of zirconia in acidulated phosphate fluoride. Journal of Applied Oral Science, 2016, 24, 52-60.	1.8	15

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91	Exploitation of Zintl Phases in the Pursuit of Novel Magnetic and Electronic Materials. ACS Symposium Series, 1999, , 15-27.	0.5	14
92	Synthesis, Structure, and Magnetoresistance of SmPd2Ga2. Inorganic Chemistry, 2003, 42, 7315-7318.	4.0	14
93	Fermi surface evolution through a heavy-fermion superconductor-to-antiferromagnet transition: de Haasâ€“van Alphen effect in Cd-substituted<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeCoIn</mml:mtext></mml:mrow><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2010, 82, .	3.2	14
94	Flux-mediated syntheses, structural characterization and low-temperature polymorphism of the p-type semiconductor Cu2Ta4O11. Journal of Solid State Chemistry, 2016, 236, 10-18.	2.9	14
95	Magnetic field-induced non-trivial electronic topology in Fe3âˆ’xGeTe2. Applied Physics Reviews, 2021, 8, .	11.3	14
96	Synthesis, structure, and magnetism of Tb4PdGa12 and Tb4PtGa12. Journal of Solid State Chemistry, 2005, 178, 52-57.	2.9	13
97	Synthesis, structure and physical properties of LnNi(Sn,Sb)3 (Ln=Pr, Nd, Sm, Gd, Tb). Journal of Solid State Chemistry, 2008, 181, 1977-1982.	2.9	13
98	Crystal Growth, Structure, and Physical Properties of Ln(Cu,Ga)13âˆ’x (Ln = Laâ€“Nd, Eu; x â‰ˆ 0.2). Chemistry of Materials, 2009, 21, 3072-3078.	6.7	13
99	High-Resolution Synchrotron Studies and Magnetic Properties of Frustrated Antiferromagnets MAl₂S₄ (M = Mn²⁺, Fe²⁺, Co²⁺). Chemistry of Materials, 2011, 23, 3086-3094.	6.7	13
100	Dimensional crossover in the electrical and magnetic properties of the layered LaSb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>superconductor under pressure: The role of phase fluctuations. Physical Review B, 2011, 83, .	3.2	13
101	Thermoelectric properties of intermetallic semiconducting RuIn3 and metallic IrIn3. Journal of Applied Physics, 2013, 113, 083709.	2.5	13
102	Origin of the butterfly magnetoresistance in a Dirac nodal-line system. Physical Review B, 2019, 100, .	3.2	13
103	Structure and Magnetism of Ce5Pb3O. Chemistry of Materials, 2004, 16, 1560-1563.	6.7	12
104	Crystal growth and magnetic properties of Ln-Mn-Al (Ln=Gd, Yb) compounds of the CaCr2Al10 and ThMn12 structure types. Journal of Solid State Chemistry, 2012, 194, 143-150.	2.9	12
105	Discovery of Spin Glass Behavior in Ln2Fe4Sb5(Ln = Laâ€“Nd and Sm). Inorganic Chemistry, 2012, 51, 11412-11421.	4.0	12
106	Field-pulse memory in a spin-glass. Applied Physics Letters, 2013, 103, .	3.3	12
107	Anomalous Metamagnetism in the Low Carrier Density Kondo Lattice <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YbRh</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review X, 2018, 8, .	8.9	12
108	One Ce, Two Ce, Three Ce, Four? An Intermetallic Homologous Series to Explore: A_{n+1}B_nX_{3n+1}. Chemistry of Materials, 2020, 32, 1575-1580.	6.7	12

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109	Synthesis, Structure, and Thermal Instability of the Cu₂Ta₄O₁₁ Phase. Crystal Growth and Design, 2015, 15, 552-558.	3.0	11
110	Effect of R-site element on crystalline phase and thermal stability of Fe substituted Mn mullite-type oxides: R₂(Mn_{1â^'x}Fe_x)₄O_{10â^'Î´} (R = Y, Sm or) Tj ET Q q 0 0 1 rg BT /Ove	3.6	11
111	Law and Disorder: Special Stacking Unitsâ€"Building the Intergrowth Ce₆Co₅Ge₁₆. Inorganic Chemistry, 2019, 58, 6037-6043.	4.0	11
112	Synthesis, Structure, and Properties of Eu16Sb11 and Eu16Bi11. Journal of Solid State Chemistry, 2000, 155, 168-176.	2.9	10
113	Structure and Physical Properties of the New Pseudo-binary Intermetallic Compound Ti11(Sb,Sn)8. Journal of Solid State Chemistry, 2001, 157, 225-232.	2.9	10
114	Strategic Crystal Growth and Physical Properties of Single-Crystalline LnCo₂Al₈ (Ln = Laâ€"Nd, Sm, Yb). Crystal Growth and Design, 2015, 15, 3293-3298.	3.0	10
115	Characterization of Nrf1b, a Novel Isoform of the Nuclear Factor-Erythroid-2 Related Transcription Factor-1 That Activates Antioxidant Response Element-Regulated Genes. PLoS ONE, 2012, 7, e48404.	2.5	10
116	Nonsymmorphic symmetry-protected band crossings in a square-net metal PtPb4. Npj Quantum Materials, 2022, 7, .	5.2	10
117	Refinement of ferrous sulfate heptahydrate (melanterite) with low-temperature CCD data. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, i26-i27.	0.2	9
118	Synthesis, structure, and physical properties of Ce2PdGa10. Journal of Solid State Chemistry, 2004, 177, 4695-4700.	2.9	9
119	The layered intermetallic compound LaPdSb3. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, i96-i98.	0.2	9
120	Structure, and magnetic and transport behavior of twinned Ce2Rh3(Pb,Bi)5. Journal of Solid State Chemistry, 2007, 180, 2356-2362.	2.9	9
121	A Tale of Two Polymorphs - Growth and Characterization of Î±-LnNiGa4 (Ln = Y, Gd-Yb) and Î²-LnNi1-xGa4 (Ln = Tb-Er). European Journal of Inorganic Chemistry, 2011, 2011, 3909-3919.	2.0	9
122	Structural Complexity Meets Transport and Magnetic Anisotropy in Single Crystalline Ln₃₀Ru₄Sn₃₁ (Ln = Gd, Dy). Journal of the American Chemical Society, 2013, 135, 2748-2758.	13.7	9
123	Crystal Growth and Magnetic Properties of Pr₃Co_{2+x}Ge₇ and the Sn-Stabilized Ln₃Co_{2+x}Ge_{7â€"y}Sn_y (Ln = Pr, Nd,) Tj ET Q q 1 1 0.784314 r	3.0	9
124	Ferromagnetic ordering along the hard axis in the Kondo lattice <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>YbIr</mml:mi><mml:mn>2</mml:mn></mml	3.2	9
	Physical Review B, 2019, 99, .		
125	Low-carrier density and fragile magnetism in a Kondo lattice system. Physical Review B, 2019, 99, .	3.2	9
126	Angle-resolved photoemission study and first-principles calculation of the electronic structure of LaSb2. Journal of Physics Condensed Matter, 2003, 15, L511-L517.	1.8	8

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127	Critical current behavior of superconducting MoN and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mo</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2008, 77, .	3.2	8
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