

Julia Y Chan

List of Publications by Year in descending order

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all docs

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nonsymmorphic symmetry-protected band crossings in a square-net metal PtPb ₄ . Npj Quantum Materials, 2022, 7, .	5.2	10
2	Investigating the A _{n+1} B _n X _{3n+1} Homologous Series: A New Platform for Studying Magnetic Praseodymium Based Intermetallics. ACS Omega, 2022, 7, 19048-19057.	3.5	2
3	Fantastic $n = 4$: Ce ₅ Co _{4+x} Ge ₁₃ Sn _y of the A _n M _n X _{3n+1} homologous series. Journal of Chemical Physics, 2021, 154, 114707.	3.0	3
4	Antiferromagnetic Order and Spin-Canting Transition in the Corrugated Square Net Compound Cu ₃ (TeO ₄)(SO ₄) ₂ ·H ₂ O. Inorganic Chemistry, 2021, 60, 10565-10571.	4.0	3
5	Evidence of a coupled electron-phonon liquid in NbGe ₂ . Nature Communications, 2021, 12, 5292.	12.8	8
6	Unconventional magnetic order emerging from competing energy scales in the new intermetallics (Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td) Physical Review Materials, 2021, 5, .		
7	In Situ Methods for Metal-Flux Synthesis in Inert Environments. Chemistry of Materials, 2021, 33, 7657-7664.	6.7	6
8	Transport anomalies in the layered compound BaPt ₄ Se ₆ . Npj Quantum Materials, 2021, 6, .	5.2	1
9	It Runs in the BaAl ₄ Family: Relating the Structure and Properties of Middle Child Ln ₂ Co ₃ Ge ₅ (Ln = Pr, Nd, and Sm) to its Siblings LnCo ₂ Ge ₂ and LnCoGe ₃ . Inorganic Chemistry, 2021, 60, 15343-15350.	4.0	6
10	Magnetic field-induced non-trivial electronic topology in Fe ₃ GeTe ₂ . Applied Physics Reviews, 2021, 8, .	11.3	14
11	Accessing new magnetic regimes by tuning the ligand spin-orbit coupling in van der Waals magnets. Science Advances, 2020, 6, eabb9379.	10.3	42
12	Multiple Dirac nodes and symmetry protected Dirac nodal line in orthorhombic $\hat{I}\pm$ -RhSi. Physical Review B, 2020, 102, .	3.2	4
13	Refine Intervention: Characterizing Disordered Yb _{0.5} Co ₃ Ge ₃ . Crystal Growth and Design, 2020, 20, 6715-6721.	3.0	8
14	The Benefit of Leaving Your Synthetic Comfort Zone: Reactions in Uncommon Media. Inorganic Chemistry, 2020, 59, 17823-17825.	4.0	2
15	Crystal Structure and Electronic Properties of New Compound Zr _{6.5} Pt ₆ Se ₁₉ . Inorganic Chemistry, 2020, 59, 8196-8202.	4.0	0
16	High-temperature magnetic anomaly in the Kitaev hyperhoneycomb compound \hat{I}^2 Physical Review B, 2020, 101, .		
17	One Ce, Two Ce, Three Ce, Four? An Intermetallic Homologous Series to Explore: A _{n+1} B _n X _{3n+1} . Chemistry of Materials, 2020, 32, 1575-1580.	6.7	12
18	Strongly correlated electron behavior in a new member of the homologous ser. Physical Review Materials, 2020, 4, .	2.4	1

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19	Structural investigation of the "triple-tetragonal-tungsten-bronze" phases $\text{Sr}_2\text{M}_{10}\text{O}_{27}$ ($\text{M} = \text{Nb, Ta}$). Polyhedron, 2019, 170, 359-363.	2.2	2
20	Band structure engineering of chemically tunable LnSbTe ($\text{Ln} = \text{La, Ce, Pr}$). APL Materials, 2019, 7, .	5.1	16
21	Synthesis and Structure of a Nonstoichiometric $\text{Zr}_{3.55}\text{Pt}_4\text{Sb}_4$ Compound. Inorganic Chemistry, 2019, 58, 12017-12024.	4.0	1
22	Origin of the butterfly magnetoresistance in a Dirac nodal-line system. Physical Review B, 2019, 100, .	3.2	13
23	Bulk Fermi surface of the Weyl type-II semimetallic candidate NbIrTe_4 . Physical Review B, 2019, 99, .	3.2	20
24	Law and Disorder: Special Stacking Units "Building the Intergrowth $\text{Ce}_6\text{Co}_5\text{Ge}_{16}$ ". Inorganic Chemistry, 2019, 58, 6037-6043.	4.0	11
25	The Role of Crystal Growth Conditions on the Magnetic Properties of $\text{Ln}_2\text{Fe}_4\text{Co}_x\text{Sb}_5$ ($\text{Ln} = \text{La and Ce}$). Inorganic Chemistry, 2019, 58, 6028-6036.	4.0	2
26	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
27	Ferromagnetic ordering along the hard axis in the Kondo lattice YbIr_3 . Physical Review B, 2019, 99, .		
28	Low-carrier density and fragile magnetism in a Kondo lattice system. Physical Review B, 2019, 99, .	3.2	9
29	One-dimensional tellurium chains: Crystal structure and thermodynamic properties of PrCu_xTe_2 ($x \sim 1.0784314$). Physical Review B, 2019, 99, .	2.9	1
30	Emerging Investigators in Solid-State Inorganic Chemistry. Inorganic Chemistry, 2019, 58, 4-7.	4.0	2
31	Complex transport and magnetism in inhomogeneous mixed valence $\text{Ce}_{2.34}\text{Mn}_4$. Physical Review Materials, 2019, 3, .		
32	Spin density wave instability in a ferromagnet. Scientific Reports, 2018, 8, 5225.	3.3	8
33	Effect of R-site element on crystalline phase and thermal stability of Fe substituted Mn mullite-type oxides: $\text{R}_2(\text{Mn}_{1-x}\text{Fe}_x)_4\text{O}_{10}$ ($\text{R} = \text{Y, Sm or Tj}$). Physical Review B, 2019, 99, .	2.9	1
34	Observation of a two-dimensional Fermi surface and Dirac dispersion in YbMnSb_2 . Physical Review B, 2018, 97, .	3.2	1
35	Casting a Wider Net: Rational Synthesis Design of Low-Dimensional Bulk Materials. Accounts of Chemical Research, 2018, 51, 12-20.	15.6	18
36	A local moment antiferromagnetic metal with extremely low ordering temperature. Physical Review B, 2018, 98, .	3.2	8

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55	Nanoimprinted Perovskite Nanograting Photodetector with Improved Efficiency. ACS Nano, 2016, 10, 10921-10928.	14.6	168
56	Thermal stability of mullite Mn_2O_5 ($\text{R} = \text{Bi, Y, Pr, Sm or Gd}$): combined density functional theory and experimental study. Journal of Physics Condensed Matter, 2016, 28, 125602.	1.8	17
57	Emergence of Magnetic States in $\text{Pr}_2\text{Fe}_4\text{CoSb}_5$ (1 < x < 2.5). Inorganic Chemistry, 2016, 55, 1946-1951.	4.0	4
58	In Vitro Evaluation of Titanium Exfoliation During Simulated Surgical Insertion of Dental Implants. Journal of Oral Implantology, 2016, 42, 34-40.	1.0	19
59	Structural stability and magnetic properties of LnM Ga_3 (Ln = Ho, Er; M = Fe, Co; $x \leq 0.2$). Polyhedron, 2016, 114, 56-61.	2.2	6
60	Intermediate valence to heavy fermion through a quantum phase transition in $\text{YbMn}_3\text{Mo}_2\text{O}_{10}$. Physical Review B, 2016, 93, .	8.2	18
61	Flux-mediated syntheses, structural characterization and low-temperature polymorphism of the p-type semiconductor $\text{Cu}_2\text{Ta}_4\text{O}_{11}$. Journal of Solid State Chemistry, 2016, 236, 10-18.	2.9	14
62	Synthesis and anisotropic properties of single crystalline $\text{Ln}_2\text{Ru}_3\text{Al}_{15}$ (Ln=Gd, Tb). Journal of Solid State Chemistry, 2016, 236, 186-194.	2.9	1
63	Strategic Crystal Growth and Physical Properties of Single-Crystalline LnCo_2Al_8 (Ln = La, Nd, Sm, Yb). Crystal Growth and Design, 2015, 15, 3293-3298.	3.0	10
64	Effects of hydrostatic pressure on magnetostructural transitions and magnetocaloric properties in MnNiSi and FeCoGe . Journal of Applied Physics, 2015, 117, .	2.5	51
65	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
66	Synthesis, Structure, and Thermal Instability of the $\text{Cu}_2\text{Ta}_4\text{O}_{11}$ Phase. Crystal Growth and Design, 2015, 15, 552-558.	3.0	11
67	Targeting Calcium Magnesium Silicates for Polycaprolactone/Ceramic Composite Scaffolds. ACS Biomaterials Science and Engineering, 2015, 1, 94-102.	5.2	36
68	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
69	Competing magnetic states, disorder, and the magnetic character of $\text{FeMn}_3\text{Mn}_2\text{O}_{10}$. Physical Review B, 2015, 91, .		
70	Superconductivity in Single Crystals of $\text{Lu}_3\text{T}_4\text{Ge}_{13}$ ($T_c = \text{Co, Rh, Os}$) and $\text{Y}_3\text{T}_4\text{Ge}_{13}$ ($T_c = \text{Ir, Rh, Os}$). Chemistry of Materials, 2015, 27, 2488-2494.	6.7	29
71	Eutectoid Flux Growth and Physical Properties of Single Crystal $\text{Ln}_{117}\text{Ni}_{54}\text{Sn}_{112}$ (Ln = Gd, Dy). Crystal Growth and Design, 2015, 15, 295-304.	3.0	5
72	Investigation of Mn, Fe, and Ni Incorporation in CeCo_2Al_8 . Inorganic Chemistry, 2015, 54, 963-968.	4.0	8

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73	Characterization of novel akermanite:poly- μ -caprolactone scaffolds for human adipose-derived stem cells bone tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 389-404.	2.7	35
74	Realization of a three-dimensional spin \hat{c} anisotropic harmonic honeycomb iridate. <i>Nature Communications</i> , 2014, 5, 4203.	12.8	230
75	<i>In vitro</i> human adipose-derived stromal/stem cells osteogenesis in akermanite:poly- ϵ -caprolactone scaffolds. <i>Journal of Biomaterials Applications</i> , 2014, 28, 998-1007.	2.4	8
76	Synthesis, structure, and magnetic behavior of $(\text{La}_x\text{Ce}_{1-x})_{1.33}\text{Pt}_4\text{Ga}_{10}$ ($0 \leq x \leq 1$). <i>Journal of Alloys and Compounds</i> , 2014, 600, 193-198.	5.5	8
77	Filling in the Holes: Structural and Magnetic Properties of the Chemical Pressure Stabilized LnMn_2Ga_3 ($\text{Ln} = \text{Ho} \sim \text{Tm}$; $x < 0.15$). <i>Chemistry of Materials</i> , 2014, 26, 1170-1179.	6.7	20
78	Magnetic, thermodynamic, and electrical transport properties of the noncentrosymmetric germanides MnGe and CoGe . <i>Physical Review B</i> , 2014, 90, .	3.2	42
79	Surface-Directed Synthesis of Erbium-Doped Yttrium Oxide Nanoparticles within Organosilane Zeptoliter Containers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 15942-15949.	8.0	16
80	Substitution studies of Mn and Fe in $\text{Ln}_6\text{W}_4\text{Al}_3$ ($\text{Ln} = \text{Gd}, \text{Yb}$) and the structure of $\text{Yb}_6\text{Ti}_4\text{Al}_3$. <i>Journal of Solid State Chemistry</i> , 2014, 210, 267-274.	2.9	2
81	Celebrating Crystallography. <i>Chemical & Engineering News</i> , 2014, 92, 3.	0.1	0
82	Field-pulse memory in a spin-glass. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	12
83	Phase diagram and magnetocaloric effects in aluminum doped MnNiGe alloys. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	45
84	Investigation of Fe incorporation in $\text{LnCr}_2\text{Al}_2\text{O}$ ($\text{Ln} = \text{La}, \text{Gd}, \text{Yb}$) with ^{57}Fe Mössbauer and Single Crystal X-ray Diffraction. <i>Inorganic Chemistry</i> , 2013, 52, 5055-5062.	4.0	6
85	Vibrational Response of FeNi_3 Nanoparticles to the Flux of a Modulated Electromagnetic Field Detected by Contact-Mode Atomic Force Microscopy. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18768-18776.	3.1	4
86	Magnetic and electrical properties of flux grown single crystals of $\text{Ln}_6\text{M}_4\text{Al}_3$ ($\text{Ln} = \text{Gd}, \text{Yb}$; $\text{M} = \text{Cr}, \text{Mo}$). <i>Journal of Applied Physics</i> , 2013, 114, 074107.	2.9	7
87	Structural Complexity Meets Transport and Magnetic Anisotropy in Single Crystalline $\text{Ln}_{30}\text{Ru}_4\text{Sn}_{31}$ ($\text{Ln} = \text{Gd}, \text{Dy}$). <i>Journal of the American Chemical Society</i> , 2013, 135, 2748-2758.	13.7	9
88	Synthesis, Structure, and Properties of $\text{Ln}_2\text{Ru}_3\text{Al}_{15}$ ($\text{Ln} = \text{Ce}, \text{Gd}$): Comparison with $\text{LnRu}_2\text{Al}_{10}$ and $\text{CeRu}_4(\text{Al}, \text{Si})_{15.58}$. <i>Inorganic Chemistry</i> , 2013, 52, 3198-3206.	4.0	8
89	Synthesis, Structure, and Magnetic and Electrical Properties of $\text{Yb}(\text{Mn}, \text{M})_x\text{Al}_{12}$ ($\text{M} = \text{Fe}, \text{Ru}$; $x \approx 2.5$) Phases. <i>Crystal Growth and Design</i> , 2013, 13, 1543-1550.	3.0	5
90	Thermoelectric properties of intermetallic semiconducting RuIn_3 and metallic IrIn_3 . <i>Journal of Applied Physics</i> , 2013, 113, 083709.	2.5	13

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91	study of the electronic structure of the metallic pyrochlore iridate Bi_2O_7	3.2	24
92	Magnetic and transport properties of single crystal $\text{LnRu}_2\text{Al}_{10}$ (Ln = Pr, Gd, Tm)	1.8	21
93	Magnetic order induced by Fe substitution of Al site in the heavy-fermion systems YbAlB_4	3.2	20
94	Structure and physical properties of single crystal $\text{PrCr}_2\text{Al}_2\text{O}$ and $\text{CeM}_2\text{Al}_2\text{O}$ (M=V, Cr): A comparison of compounds adopting the $\text{CeCr}_2\text{Al}_2\text{O}$ structure type. Journal of Solid State Chemistry, 2012, 196, 274-281.	2.9	61
95	Crystal growth and magnetic properties of Ln-Mn-Al (Ln=Gd, Yb) compounds of the $\text{CaCr}_2\text{Al}_{10}$ and ThMn_{12} structure types. Journal of Solid State Chemistry, 2012, 194, 143-150.	2.9	12
96	Crystal growth, structure, and physical properties of $\text{Ln}_2\text{PdGa}_{12}$ (Ln=La, Pr, Nd, and Sm). Journal of Alloys and Compounds, 2012, 514, 64-70.	5.5	3
97	Synthesis, magnetic, transport, and thermodynamic investigation of $\text{CeCo}(\text{Sb}, \text{Sn})_3$. Journal of Alloys and Compounds, 2012, 523, 176-181.	5.5	4
98	Single crystal growth by self-flux method of the mixed valence gold halides $\text{Cs}_2[\text{AuX}_2][\text{AuX}_4]$ (X=Br, I). Journal of Crystal Growth, 2012, 355, 13-16.	1.5	25
99	Discovery of Spin Glass Behavior in $\text{Ln}_2\text{Fe}_4\text{Sb}_5$ (Ln = La, Nd and Sm). Inorganic Chemistry, 2012, 51, 11412-11421.	4.0	12
100	Serendipitous growth of single crystals with silicon incorporation. Philosophical Magazine, 2012, 92, 2524-2540.	1.6	5
101	Probing the Lower Limit of Lattice Thermal Conductivity in an Ordered Extended Solid: $\text{Gd}_{117}\text{Co}_{56}\text{Sn}_{112}$, a Phonon Glass/ Electron Crystal System. Journal of the American Chemical Society, 2012, 134, 5965-5973.	13.7	48
102	Crystal Growth, Structure, and Physical Properties of $\text{LnCu}_2(\text{Al}, \text{Si})_5$ (Ln = La) Ternary Intermetallics	4.6	1
103	Synthesis, Structure, and Physical Properties of $\text{Ln}(\text{Cu}, \text{Al}, \text{Ga})_{13}$ (Ln= La, Pr, and Eu) and $\text{Eu}(\text{Cu}, \text{Al})_{13}$. Inorganic Chemistry, 2012, 51, 10193-10202.	4.0	5
104	Adventures in Crystal Growth: Synthesis and Characterization of Single Crystals of Complex Intermetallic Compounds. Chemistry of Materials, 2012, 24, 409-420.	6.7	91
105	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
106	High-Resolution Synchrotron Studies and Magnetic Properties of Frustrated Antiferromagnets MAl_2S_4 (M = Mn^{2+} , Fe^{2+} , Co^{2+}). Chemistry of Materials, 2011, 23, 3086-3094.	6.7	13
107	Effect of chemical doping on the thermoelectric properties of FeGa_3 . Journal of Applied Physics, 2011, 109, .	2.5	36
108	Successive phase transitions and phase diagrams for the quasi-two-dimensional easy-axis triangular antiferromagnet $\text{Rb}_4\text{Mn}(\text{MoO}_4)_3$. Europhysics Letters, 2011, 94, 17001.	2.0	56

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109	Structure and Magnetism of the Quasi-1-d $K_4Cu(MoO_4)_3$ and the Structure of $K_4Zn(MoO_4)_3$. Inorganic Chemistry, 2011, 50, 8767-8773.	4.0	5
110	Low Temperature Magnetic Properties of $Pr(Cu,Ga)_{13}$ with Orbitally Degenerate Ground State. Journal of the Physical Society of Japan, 2011, 80, SA072.	1.6	0
111	Crystal Structure and Physical Properties of $Yb_3Co_4\epsilon$ - Ru_xSn_{13} ($x = 0, 0.38$). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2046-2051.	1.2	4
112	A Tale of Two Polymorphs - Growth and Characterization of \hat{I}^{\pm} - $LnNiGa_4$ ($Ln = Y, Gd-Yb$) and \hat{I}^2 - $LnNi_{1-x}Ga_4$ ($Ln = Tb-Er$). European Journal of Inorganic Chemistry, 2011, 2011, 3909-3919.	2.0	9
113	Effects of chemical doping and pressure on $CaFe_4As_2$ Magnetic properties of the quasi-two-dimensional antiferromagnet $Ni_2V_2O_7$	3.2	4
114	Magnetic properties of the quasi-two-dimensional antiferromagnet $Ni_2V_2O_7$	3.2	3
115	Dimensional crossover in $CaFe_4As_2$ and MgB_2 properties of $CaFe_4As_2$ Structure-property coupling in $Sr_2Mg_2B_2O_{10}$ superconductor	3.2	13
116			

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127	Low-Dimensional Structure and Magnetism of the Quantum Antiferromagnet $Rb_4Cu(MoO_4)_3$ and the Structure of $Rb_4Zn(MoO_4)_3$. Journal of the American Chemical Society, 2010, 132, 7055-7061.	13.7	8
128	Structure and physical properties of the noncentrosymmetric superconductor Mo_3 . Physical Review B, 2010, 82, .	3.2	110
129	Charge transport in cobalt-doped iron pyrite. Physical Review B, 2010, 81, .	3.2	19
130	Synthesis, structure, magnetic and transport properties of $LnFeSb_3$ ($Ln = Pr, Nd, Sm, Gd, \text{ and } Tb$) tuning of anisotropic long-range magnetic order as a function of Ln . Dalton Transactions, 2010, 39, 6403.	3.3	8
131	Structure and site occupancy of Cd and Hg substitutions in CeT . Physical Review B, 2010, 81, .	3.2	27
132	Investigation of the effect of Ni substitution on the physical properties of $Ce(Cu_{1-x}Ni_x)_2Sb_2$. Journal of Physics Condensed Matter, 2009, 21, 056006.	1.8	2
133	Crystal Growth, Structure, and Physical Properties of $Ln(Cu,Ga)_{13}x$ ($Ln = La, Nd, Eu; x \approx 0.2$). Chemistry of Materials, 2009, 21, 3072-3078.	6.7	13
134	Crystal Growth, Transport, and Magnetic Properties of $YbCoGa_5$. Crystal Growth and Design, 2009, 9, 1956-1959.	3.0	4
135	Physical properties of $LnAg_xX_4y$ ($Ln=La, Ce; X=Al, Ga; y \approx 0.72$). Physica B: Condensed Matter, 2008, 403, 795-796.	2.7	2
136	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
137	Magnetization and transport properties of $Ln-CeNi_0.78Co_0.22Sb_3$. Physica B: Condensed Matter, 2008, 403, 1005-1006.	2.7	2
138	Magnetic properties of the single crystal stannides $Ln_7Co_6Sn_{23}$ ($Ln=Dy, Ho$) and $Ln_5Co_6Sn_{18}$ ($Ln=Er$). Journal of Physics Condensed Matter, 2008, 20, 035209.	2.7	5
139	Discovery of the Griffiths Phase in the Itinerant Magnetic Semiconductor FeM_2S_2 ($M=Fe, Ni$). Physical Review Letters, 2008, 100, 017202.	7.8	74
140	Crystal Growth, Structure, and Physical Properties of LnM_2Ga_{12} ($Ln = La, Ce; M = Ni, Cu$). Chemistry of Materials, 2008, 20, 6116-6123.	6.7	26
141	Crystal Growth, Structure, and Physical Properties of $SmCu_4Ga_8$. Inorganic Chemistry, 2008, 47, 2472-2476.	4.0	4
142	Magnetotransport properties and the Fermi surface of single crystal VB_2 . Journal of Physics Condensed Matter, 2008, 20, 035209.	1.8	4
143	Spin Dependent Impurity Effects on the 2D Frustrated Magnetism of $NiGa_2$. Physical Review Letters, 2008, 101, 207204.	7.8	22
144	Critical current behavior of superconducting MoN and Mo_3 . Physical Review B, 2008, 77, .	3.2	8

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145	Crystal growth and magnetic properties of Ln ₄ MGa ₁₂ (Ln = Dy, Er; M = Pd, Pt). Journal of Physics Condensed Matter, 2007, 19, 266224.	1.8	5
146	Spin Disorder and Order in Quasi-2D Triangular Heisenberg Antiferromagnets: Comparative Study of S_2 and S_4 . Journal of Physics Condensed Matter, 2007, 19, 266224.	7.8	53
147	Discovery of ${}^2\text{-LnNiSb}_3$ (Ln = La, Ce): Crystal Growth, Structure, and Magnetic and Transport Behavior. Inorganic Chemistry, 2007, 46, 3010-3016.	4.0	21
148	Crystal Structure and Physical Properties of Polymorphs of LnAlB ₄ (Ln = Yb, Lu). Chemistry of Materials, 2007, 19, 1918-1922.	6.7	98
149	Structure, and magnetic and transport behavior of twinned Ce ₂ Rh ₃ (Pb,Bi) ₅ . Journal of Solid State Chemistry, 2007, 180, 2356-2362.	2.9	9
150	Crystal growth and structure of R ₂ Ir ₂ O ₇ (R=Pr, Eu) using molten KF. Materials Research Bulletin, 2007, 42, 928-934.	5.2	75
151	CRYSTAL GROWTH AND THE SEARCH FOR HIGHLY CORRELATED INTERMETALLICS. Comments on Inorganic Chemistry, 2006, 27, 1-39.	5.2	28
152	Rare Beryllium Icosahedra in the Intermediate Valence Compound CeBe ₁₃ [J. Am. Chem. Soc. 2004, 126, 13926-13927]. Journal of the American Chemical Society, 2006, 128, 5981-5981.	13.7	1
153	Hip Fracture and Its Consequences: Differences Between Men and Women. Orthopedic Clinics of North America, 2006, 37, 611-622.	1.2	70
154	Metallic Spin-Liquid Behavior of the Geometrically Frustrated Kondo Lattice Pr ₂ Ir ₂ O ₇ . Physical Review Letters, 2006, 96, 087204.	7.8	312
155	Crystal Growth, Structure, Magnetic, and Transport Properties of TbRhIn ₅ . Inorganic Chemistry, 2006, 45, 4637-4641.	4.0	5
156	The layered intermetallic compound LaPdSb ₃ . Acta Crystallographica Section E: Structure Reports Online, 2006, 62, i96-i98.	0.2	9
157	Crystal growth, transport, and magnetic properties of Ln ₃ Co ₄ Sn ₁₃ (Ln=La, Ce) with a perovskite-like structure. Journal of Solid State Chemistry, 2006, 179, 1642-1649.	2.9	62
158	Synthesis, Structure, and Magneto-Transport of LnNi _{1-x} Sb ₂ (Ln: Y, Gd, Er). ChemInform, 2006, 37, no.	0.0	0
159	Synthesis and study of the heavy-fermion compound Yb ₅ Pt ₉ . Physical Review B, 2006, 74, .	3.2	3
160	Synthesis, structure, and magnetism of Tb ₄ PdGa ₁₂ and Tb ₄ PtGa ₁₂ . Journal of Solid State Chemistry, 2005, 178, 52-57.	2.9	13
161	A comparison of the structure and localized magnetism in Ce ₂ PdGa ₁₂ with the heavy fermion CePdGa ₆ . Journal of Solid State Chemistry, 2005, 178, 3547-3553.	2.9	30
162	Rare Beryllium Icosahedra in the Intermediate Valence Compound CeBe ₁₃ . ChemInform, 2005, 36, no.	0.0	0

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163	Corrigendum to "Synthesis, structure, and magnetism of Tb ₄ PdGa ₁₂ and Tb ₄ PtGa ₁₂ ". Journal of Solid State Chemistry, 2005, 178, 2177.	2.9	1
164	Synthesis, Structure, and Magneto-transport of LnNi _{1-x} Sb ₂ (Ln = Y, Gd~Er). Chemistry of Materials, 2005, 17, 5810-5816.	6.7	24
165	Low-Temperature Susceptibility of the Noncentrosymmetric Superconductor CePt ₃ Si. Physical Review Letters, 2005, 94, 107001.	7.8	17
166	4f-Electron Localization in Ce _x La _{1-x} Mn ₅ with M = Co, Rh, or Ir. Physical Review Letters, 2004, 93, 186405.	7.8	50
167	Structure-Property Relationships in Tb ₄ PtGa ₁₂ and Y ₄ PtGa ₁₂ . Materials Research Society Symposia Proceedings, 2004, 848, 250.	0.1	0
168	Synthesis, Structure, and Magnetoresistance of SmPd ₂ Ga ₂ . ChemInform, 2004, 35, no.	0.0	0
169	Structure and Magnetism of Ce ₅ Pb ₃ O. ChemInform, 2004, 35, no.	0.0	0
170	Structure and electrical resistivity of CeNiSb ₃ . Journal of Solid State Chemistry, 2004, 177, 293-298.	2.9	37
171	Crystal growth, characterization and physical properties of PrNiSb ₃ , NdNiSb ₃ and SmNiSb ₃ . Journal of Solid State Chemistry, 2004, 177, 4228-4236.	2.9	18
172	Synthesis, structure, and physical properties of Ce ₂ PdGa ₁₀ . Journal of Solid State Chemistry, 2004, 177, 4695-4700.	2.9	9
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