

Arthur Mar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7407836/publications.pdf>

Version: 2024-02-01

206
papers

5,022
citations

156536

32
h-index

139680

61
g-index

237
all docs

237
docs citations

237
times ranked

6162
citing authors

#	ARTICLE	IF	CITATIONS
1	Coloured intermetallic compounds Li ₂ ZnGa and Li ₂ ZnIn. Journal of Solid State Chemistry, 2022, 306, 122792.	1.4	1
2	Semiconducting Sm ₃ GaSe ₅ O with trigonal bipyramidal GaSe ₅ units. Journal of Solid State Chemistry, 2022, 308, 122901.	1.4	3
3	Minority report: Structure and bonding of YbNi ₃ Ga ₉ and YbCu ₃ Ga ₈ obtained in gallium flux. Journal of Solid State Chemistry, 2022, , 123157.	1.4	0
4	True colours shining through: Determining site distributions in coloured Li-containing quaternary Heusler compounds. Journal of Solid State Chemistry, 2022, 314, 123372.	1.4	1
5	Experimental validation of high thermoelectric performance in RECuZnP ₂ predicted by high-throughput DFT calculations. Materials Horizons, 2021, 8, 209-215.	6.4	38
6	Revealing the Local Sn and Pb Arrangements in CsSn _x Pb _{1-x} Br ₃ Perovskites with Solid-State NMR Spectroscopy. , 2021, 3, 261-267.		24
7	Rare-earth indium selenides RE ₃ InSe ₆ (RE = La~Nd, Sm, Gd, Tb): Structural evolution from tetrahedral to octahedral sites. Journal of Solid State Chemistry, 2021, 297, 122096.	1.4	1
8	LaHf ₂ Ni ₅ As ₄ : A filled version of monoclinic LaZr ₂ Ni ₄ As ₄ . Journal of Solid State Chemistry, 2021, 298, 122118.	1.4	0
9	Mere Anarchy is Loosed: Structural Disorder in Cu ₂ Zn _{1-x} Cd _x Sn ₄ . Chemistry of Materials, 2021, 33, 4709-4722.	3.2	8
10	Lost horses on the frontier: K ₂ BiCl ₅ and K ₃ Bi ₂ Br ₉ . Journal of Solid State Chemistry, 2021, 304, 122621.	1.4	1
11	Three Rh-rich ternary germanides in the Ce~Rh~Ge system. Journal of Solid State Chemistry, 2021, 304, 122585.	1.4	2
12	Influence of hidden halogen mobility on local structure of CsSn(Cl _{1-x} Br _x) ₃ mixed-halide perovskites by solid-state NMR. Chemical Science, 2021, 12, 3253-3263.	3.7	31
13	Ternary Rare-Earth-Metal Nickel Indides RE ₂₃ Ni ₇ In ₄ (RE = Gd, Tb), Tj ETQq1 1 0.784314 rgBT / 60, 17900-17910.	1.9	2
14	Evaluation of nonlinear optical properties of quaternary chalcogenide halides Ba ₄ Si ₃ Se ₉ Br ₂ and Ba ₄ Ge ₃ Se ₉ Br ₂ . Journal of Alloys and Compounds, 2020, 846, 156398.	2.8	11
15	Quaternary Arsenides REHfCu ₂ As ₃ (RE = La~Nd; $\hat{\Gamma}$ $\hat{\Gamma}$ $\hat{\Gamma}$ 0.17): Superstructures of the Zr ₂ Ni ₃ P ₃ -Type Structure. Inorganic Chemistry, 2020, 59, 11089-11095.	1.9	2
16	Comparison of computational and experimental inorganic crystal structures. Journal of Solid State Chemistry, 2020, 290, 121557.	1.4	15
17	Coloured intermetallic compounds LiCu ₂ Al and LiCu ₂ Ga. Journal of Solid State Chemistry, 2020, 292, 121703.	1.4	4
18	Half-Heusler Structures with Full-Heusler Counterparts: Machine-Learning Predictions and Experimental Validation. Crystal Growth and Design, 2020, 20, 6469-6477.	1.4	20

#	ARTICLE	IF	CITATIONS
19	Annealing induced structural evolution in feldspar dental glass-ceramics investigated by solid-state NMR spectroscopy. <i>Journal of Solid State Chemistry</i> , 2020, 289, 121501.	1.4	2
20	Quaternary chalcogenide halides Ba ₃ GaSe ₄ Br and Ba ₃ InSe ₄ Br. <i>Journal of Solid State Chemistry</i> , 2020, 284, 121189.	1.4	5
21	Alkaline Earth Metal-Organic Frameworks with Tailorable Ion Release: A Path for Supporting Biomineralization. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32739-32745.	4.0	30
22	AHgSnQ ₄ (A = Sr, Ba; Q = S, Se): A Series of Hg-Based Infrared Nonlinear-Optical Materials with Strong Second-Harmonic-Generation Response and Good Phase Matchability. <i>Inorganic Chemistry</i> , 2019, 58, 10390-10398.	1.9	49
23	Solving the Coloring Problem in Half-Heusler Structures: Machine-Learning Predictions and Experimental Validation. <i>Inorganic Chemistry</i> , 2019, 58, 9280-9289.	1.9	17
24	Thermoelectric properties of inverse perovskites A ₃ TtO (A = Mg, Ca; Tt = Si, Ti, Zr, Hf, Sn, Pb). <i>Journal of Solid State Chemistry</i> , 2019, 278, 120914.	1.1	13
25	Quaternary rare-earth sulfides RE ₃ M _{0.5} M ² S ₇ (M = Zn, Cd; M ² = Si, Ge). <i>Journal of Solid State Chemistry</i> , 2019, 278, 120914.	1.4	8
26	Synthesis, structure, and properties of rare-earth germanium sulfide iodides RE ₃ Ge ₂ S ₈ I (RE = La, Ce). <i>Journal of Solid State Chemistry</i> , 2019, 278, 120914.	1.4	2
27	BaHgGeSe ₄ and SrHgGeSe ₄ : Two New Hg-Based Infrared Nonlinear Optical Materials. <i>Chemistry of Materials</i> , 2019, 31, 3034-3040.	3.2	104
28	Quaternary rare-earth transition-metal phosphides REMnCuP ₂ (RE = Y, La-Nd, Sm, Gd-Tm, Lu) with CaAl ₂ Si ₂ -type structure and a polymorph of LaMnCuP ₂ with BaCu ₂ S ₂ -type structure. <i>Journal of Solid State Chemistry</i> , 2019, 269, 100-106.	1.4	7
29	SrCdGeS ₄ and SrCdGeSe ₄ : Promising Infrared Nonlinear Optical Materials with Congruent-Melting Behavior. <i>Crystal Growth and Design</i> , 2019, 19, 1206-1214.	1.4	54
30	Hexagonal Double Perovskite Cs ₂ AgCrCl ₆ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 323-328.	0.6	16
31	Discovery of Intermetallic Compounds from Traditional to Machine-Learning Approaches. <i>Accounts of Chemical Research</i> , 2018, 51, 59-68.	7.6	94
32	Not Just Par for the Course: 73 Quaternary Germanides RE ₄ M ₂ XGe ₄ (RE = La-Nd, Sm, Gd-Tm, Lu; M =) <i>Journal of Solid State Chemistry</i> , 2018, 57, 14249-14259.	1.9	9
33	Quaternary rare-earth selenides Ba ₂ REGaSe ₅ and Ba ₂ REInSe ₅ . <i>Journal of Solid State Chemistry</i> , 2018, 265, 167-175.	1.4	5
34	Quaternary sulfide Ba ₅ Cd ₂ Ga ₂ S ₁₀ containing chains of edge- and corner-sharing tetrahedra. <i>Journal of Alloys and Compounds</i> , 2018, 765, 685-689.	2.8	10
35	How To Optimize Materials and Devices via Design of Experiments and Machine Learning: Demonstration Using Organic Photovoltaics. <i>ACS Nano</i> , 2018, 12, 7434-7444.	7.3	219
36	Searching for Missing Binary Equiatomic Phases: Complex Crystal Chemistry in the Hf-In System. <i>Inorganic Chemistry</i> , 2018, 57, 7966-7974.	1.9	7

#	ARTICLE	IF	CITATIONS
37	Ba ₅ CdGa ₆ Se ₁₅ , a congruently-melting infrared nonlinear optical material with strong SHG response. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1057-1063.	2.7	46
38	Noncentrosymmetric chalcogenides BaZnSiSe ₄ and BaZnGeSe ₄ featuring one-dimensional structures. <i>Journal of Alloys and Compounds</i> , 2017, 708, 414-421.	2.8	39
39	Quaternary rare-earth sulfides Nd ₇ FeIn ₁₃ and Pr ₇ CoIn ₁₃ . <i>Journal of Solid State Chemistry</i> , 2017, 251, 50-54.	1.4	1
40	Noncentrosymmetric rare-earth selenides RE ₄ InSbSe ₉ (RE = La–Nd). <i>Journal of Alloys and Compounds</i> , 2017, 710, 424-430.	2.8	6
41	When one becomes two: Ba ₁₂ In ₄ Se ₂₀ , not quite isostructural to Ba ₁₂ In ₄ S ₁₉ . <i>Journal of Solid State Chemistry</i> , 2017, 253, 29-34.	1.4	5
42	Quaternary rare-earth sulfides RE ₃ M _{0.5} GeS ₇ (RE = La–Nd, Sm; M = Co, Ni) and Y ₃ Pd _{0.5} SiS ₇ . <i>Journal of Solid State Chemistry</i> , 2017, 250, 14-23.	1.4	19
43	Noncentrosymmetric quaternary selenide Ba ₂₃ Ga ₈ Sb ₂ Se ₃₈ : Synthesis, structure, and optical properties. <i>Journal of Alloys and Compounds</i> , 2017, 729, 150-155.	2.8	11
44	Disentangling Structural Confusion through Machine Learning: Structure Prediction and Polymorphism of Equiatomic Ternary Phases <i>ABC</i> . <i>Journal of the American Chemical Society</i> , 2017, 139, 17870-17881.	6.6	73
45	Quaternary Chalcogenides La ₃ Sn _{0.5} In ₇ and La ₃ Sn _{0.5} InSe ₇ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1867-1873.	0.6	2
46	Quaternary chalcogenides BaRE ₂ In ₂ Ch ₇ (RE = La–Nd; Ch = S, Se) containing InCh ₅ trigonal bipyramids. <i>Dalton Transactions</i> , 2016, 45, 12329-12337.	1.6	8
47	Perspective: Web-based machine learning models for real-time screening of thermoelectric materials properties. <i>APL Materials</i> , 2016, 4, .	2.2	150
48	Trigonal Planar [HgSe ₃] ⁴⁻ Unit: A New Kind of Basic Functional Group in IR Nonlinear Optical Materials with Large Susceptibility and Physicochemical Stability. <i>Journal of the American Chemical Society</i> , 2016, 138, 6135-6138.	6.6	168
49	NaGe ₆ As ₆ : Insertion of sodium into the layered semiconductor germanium arsenide GeAs. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 375-380.	0.3	8
50	Metal ion displacements in noncentrosymmetric chalcogenides La ₃ Ga _{1.67} S ₇ , La ₃ Ag _{0.6} GaCh ₇ (Ch = S, Se), and La ₃ MGaSe ₇ (M = Zn, Cd). <i>Journal of Solid State Chemistry</i> , 2016, 243, 221-231.	1.4	12
51	Classifying Crystal Structures of Binary Compounds AB through Cluster Resolution Feature Selection and Support Vector Machine Analysis. <i>Chemistry of Materials</i> , 2016, 28, 6672-6681.	3.2	76
52	High-Throughput Machine-Learning-Driven Synthesis of Full-Heusler Compounds. <i>Chemistry of Materials</i> , 2016, 28, 7324-7331.	3.2	256
53	Na ₂ MnGe ₂ Se ₆ : a new Mn-based antiferromagnetic chalcogenide with large Mn–Mn separation. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10812-10819.	2.7	15
54	Noncentrosymmetric selenide Ba ₄ Ga ₄ GeSe ₁₂ : Synthesis, structure, and optical properties. <i>Journal of Solid State Chemistry</i> , 2016, 241, 131-136.	1.4	6

#	ARTICLE	IF	CITATIONS
55	Gd ₁₂ Co _{5.3} Bi and Gd ₁₂ Co ₅ Bi, Crystalline Doppelgänger with Low Thermal Conductivities. <i>Inorganic Chemistry</i> , 2016, 55, 6625-6633.	1.9	18
56	Ternary arsenides AT ₃ As ₃ (A=K, Rb; Tt=Ge, Sn) with layered structures. <i>Journal of Solid State Chemistry</i> , 2016, 238, 229-235.	1.4	8
57	Containing chains and discrete S units. <i>Journal of Solid State Chemistry</i> , 2016, 238, 229-235.	1.4	10
58	Many Metals Make the Cut: Quaternary Rare-Earth Germanides RE ₄ M ₂ InGe ₄ (M = Fe, Co, Ni, Ru, Rh, Ir) and RE ₄ RhInGe ₄ Derived from Excision of Slabs in RE ₂ InGe ₂ . <i>Inorganic Chemistry</i> , 2015, 54, 2780-2792.	1.9	8
59	Noncentrosymmetric rare-earth copper gallium chalcogenides RE ₃ CuGaCh ₇ (RE=La–Nd; Ch=S, Se): An unexpected combination. <i>Journal of Solid State Chemistry</i> , 2015, 229, 150-159.	1.4	19
60	Rare-earth manganese arsenides RE ₄ Mn ₂ As ₅ (RE= La–Pr). <i>Journal of Alloys and Compounds</i> , 2015, 636, 187-190.	2.8	5
61	The solid solution series Tl(V _{1-x} Cr _x) ₅ Se ₈ : crystal structure, magnetic and thermoelectric properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10509-10517.	2.7	9
62	Quaternary rare-earth arsenides REAg ₁ ZnAs ₂ (RE=La–Nd, Sm, Gd–Dy) with tetragonal SrZnBi ₂ - and HfCuSi ₂ -type structures. <i>Journal of Solid State Chemistry</i> , 2015, 231, 204-211.	1.4	6
63	Narrowing the gap: from semiconductor to semimetal in the homologous series of rare-earth zinc arsenides RE ₂ Y ₂ Zn ₄ As ₄ ·n (REAs) and Mn-substituted derivatives RE ₂ Y ₂ Mn _x Zn _{4-x} As ₄ ·n (REAs) (RE = La–Nd, Sm, Gd). <i>Dalton Transactions</i> , 2015, 44, 20254-20264.	1.6	6
64	Investigation of phase equilibria in the quaternary Ce–Mn–In–Ge system and isothermal sections of the boundary ternary systems at 800 °C. <i>Journal of Alloys and Compounds</i> , 2015, 622, 837-841.	2.8	6
65	Rare-Earth Manganese Copper Phosphides RE ₃ MnCu ₄ P ₃ (RE = Gd–Ho): The First Quaternary Ordered Variants of the YCo ₅ P ₃ -Type Structure. <i>Inorganic Chemistry</i> , 2015, 54, 860-866.	1.9	7
66	Ternary rare-earth manganese germanides RE ₃ Mn ₂ Ge ₃ (RE=Ce–Nd) and a possible oxygen-interstitial derivative Nd ₄ Mn ₂ Ge ₅ O _{0.6} . <i>Journal of Alloys and Compounds</i> , 2014, 602, 130-134.	2.8	4
67	Three series of quaternary rare-earth transition-metal pnictides with CaAl ₂ Si ₂ -type structures: RECuZnAs ₂ , REAgZnP ₂ , and REAgZnAs ₂ . <i>Journal of Solid State Chemistry</i> , 2014, 213, 275-286.	1.4	9
68	Rare-earth transition-metal gallium chalcogenides RE ₃ MGaCh ₇ (M=Fe, Co, Ni; Ch=S, Se). <i>Journal of Solid State Chemistry</i> , 2014, 210, 79-88.	1.4	24
69	Cu ₆ Te ₃ S – a Cu-filled Cr ₃ Si-structure variant. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, .	0.4	2
70	Quaternary Arsenides ACdGeAs ₂ (A= K, Rb) Built of Ethane-Like Ge ₂ As ₆ Units. <i>Inorganic Chemistry</i> , 2014, 53, 7756-7762.	1.9	9
71	Manganese-Substituted Rare-Earth Zinc Arsenides RE _{1-x} Y _x Mn ₂ Zn _{4-x} As ₂ (RE= Eu–Lu) and RE _{2-x} Y _x Mn ₂ Zn _{4-x} As ₄ (RE= La–Nd, Sm, Gd). <i>Inorganic Chemistry</i> , 2014, 53, 8431-8441.	1.9	2
72	Electron-Deficient Ternary and Quaternary Pnictides Rb ₄ Zn ₇ As ₇ , Rb ₄ Mn _{3.5} Zn _{3.5} Sb ₇ , Rb ₇ Mn ₁₂ Sb ₁₂ , and Rb ₇ Mn ₄ Cd ₈ Sb ₁₂ with Corrugated Anionic Layers. <i>Inorganic Chemistry</i> , 2013, 52, 12682-12690.	1.9	6

#	ARTICLE	IF	CITATIONS
73	Quaternary Germanides RE ₄ Mn ₂ InGe ₄ (RE = La–Nd, Sm, Gd–Tm, Lu). <i>Inorganic Chemistry</i> , 2013, 52, 8264-8271.	1.9	13
74	Rare-earth transition-metal indium sulphides RE ₃ FeInS ₇ (RE=La–Pr), RE ₃ CoInS ₇ (RE=La, Ce), and La ₃ NiInS ₇ . <i>Journal of Solid State Chemistry</i> , 2013, 208, 78-85.	1.4	28
75	Phase Equilibria in the Mo–Fe–P System at 800 °C and Structure of Ternary Phosphide (Mo _{1-x} Fe _x) ₃ P (0.10 ≤ x ≤ 0.15). <i>Inorganic Chemistry</i> , 2013, 52, 983-991.	1.9	17
76	Ternary rare-earth zinc arsenides REZn ₂ As ₃ (RE=La–Pr) containing defect fluorite-type slabs. <i>Journal of Solid State Chemistry</i> , 2013, 199, 189-195.	1.4	11
77	Rare-earth manganese germanides RE ₂ MnGe ₂ (RE=La, Ce) built from four-membered rings and stellae quadrangulae of Mn-centred tetrahedra. <i>Journal of Solid State Chemistry</i> , 2013, 206, 60-65.	1.4	7
78	Ternary rare-earth ruthenium and iridium germanides RE ₃ M ₂ Ge ₃ (RE=Y, Gd–Tm, Lu; M=Ru, Ir). <i>Journal of Solid State Chemistry</i> , 2013, 202, 241-249.	1.4	10
79	Enhancement of ferromagnetism by Cr doping in Ni-Mn-Cr-Sb Heusler alloys. <i>Applied Physics Letters</i> , 2013, 102, 112402.	1.5	40
80	Powder X-ray diffraction and X-ray photoelectron spectroscopy of cutin from a 300Ma tree fern (<i>Alethopteris pseudograndinioides</i> , Canada). <i>International Journal of Coal Geology</i> , 2013, 106, 35-38.	1.9	16
81	Homologous Series of Rare-Earth Zinc Arsenides RE ₂ Zn ₂ As ₂ (RE = La–Nd, Sm; Tj ETQq191 0.784814 rgB)		
82	Magnetic hyperfine field splitting in EuAg ₄ As ₂ and EuAg ₄ Sb ₂ . <i>Solid State Sciences</i> , 2013, 20, 65-69.	1.5	10
83	Quaternary Arsenides AM _{1.5} Tt _{0.5} As ₂ (A= Na, K, Rb; M= Zn, Cd; Tt= Si, Ge, Sn): Size Effects in CaAl ₂ Si ₂ - and ThCr ₂ Si ₂ -Type Structures. <i>Inorganic Chemistry</i> , 2013, 52, 3148-3158.	1.9	15
84	Rare-Earth Manganese Copper Pnictides RE ₂ Mn ₃ Cu ₉ Pn ₇ (Pn = P, As): Quaternary Ordered Variants of the Zr ₂ Fe ₁₂ P ₇ -Type Structure. <i>Inorganic Chemistry</i> , 2013, 52, 1040-1046.	1.9	12
85	Electronic structure of rare-earth chromium antimonides RECrSb ₃ (RE=La–Nd, Sm, Gd–Dy, Yb) by X-ray photoelectron spectroscopy. <i>Journal of Solid State Chemistry</i> , 2012, 196, 79-86.	1.4	13
86	Mn incorporation in CuInS ₂ chalcopyrites: Structure, magnetism and optical properties. <i>Materials Chemistry and Physics</i> , 2012, 136, 415-423.	2.0	16
87	Rare-earth chromium gallides RE ₄ CrGa ₁₂ (RE=Tb–Tm). <i>Journal of Solid State Chemistry</i> , 2012, 196, 409-415.	1.4	11
88	Ternary Arsenides A ₂ Zn ₂ As ₃ (A = Sr, Eu) and Their Stuffed Derivatives A ₂ Ag ₂ ZnAs ₃ . <i>Inorganic Chemistry</i> , 2012, 51, 2621-2628.	1.9	29
89	Ternary CaCu ₄ P ₂ -type pnictides AAg ₄ Pn ₂ (A=Sr, Eu; Pn=As, Sb). <i>Journal of Solid State Chemistry</i> , 2012, 192, 325-330.	1.4	16
90	Crystal structure, electrical resistivity, and X-ray photoelectron spectroscopy of BaAg ₂ As ₂ . <i>Journal of Solid State Chemistry</i> , 2012, 194, 113-118.	1.4	7

#	ARTICLE	IF	CITATIONS
91	X-ray photoelectron and absorption spectroscopy of mixed lanthanum copper oxychalcogenides $\text{LaCuOSe}_{1-x}\text{Te}_x$ ($0 \leq x \leq 1$). <i>Journal of Alloys and Compounds</i> , 2012, 514, 199-204.	2.8	4
92	The role of Ni-Mn hybridization on the martensitic phase transitions in Mn-rich Heusler alloys. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	61
93	Ternary Arsenides $\text{A}_2\text{Zn}_5\text{As}_4$ (A = K, Rb): Zintl Phases Built from Stellae Quadrangulae. <i>Inorganic Chemistry</i> , 2012, 51, 9517-9521.	1.9	21
94	Ternary Rare-Earth Arsenides REZn_3As_3 (RE = La–Nd, Sm) and RECd_3As_3 (RE = La–Pr). <i>Inorganic Chemistry</i> , 2011, 50, 11152-11161.	1.9	32
95	Electronic structure of lanthanum copper oxychalcogenides LaCuOCh (Ch=S, Se, Te) by X-ray photoelectron and absorption spectroscopy. <i>Journal of Solid State Chemistry</i> , 2011, 184, 1649-1654.	1.4	18
96	Ternary rare-earth zinc arsenides REZn_2As_2 (RE=La–Nd, Sm). <i>Journal of Solid State Chemistry</i> , 2011, 184, 2360-2367.	1.4	19
97	Ternary rare-earth bismuthides RE_5SiBi_2 and RE_5GeBi_2 (RE=La–Nd, Gd–Er): Stabilization of the Yb_5Sb_3 -type structure through tetrel substitution. <i>Journal of Solid State Chemistry</i> , 2011, 184, 21-29.	1.4	4
98	Quaternary Germanide Arsenides ZrCuGeAs and HfCuGeAs . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 2007-2012.	0.6	7
99	Rare-Earth Cobalt Gallides $\text{RE}_4\text{Co}_3\text{Ga}_{16}$ (RE = Gd–Er, Y): Self-Interstitial Derivatives of RE_2CoGa_8 . <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 3896-3903.	1.0	6
100	Crystal and electronic structures of CaAl_2Si_2 -type rare-earth copper zinc phosphides RECuZnP_2 (RE=Pr, Nd, Gd–Tm, Lu). <i>Journal of Solid State Chemistry</i> , 2011, 184, 97-103.	1.4	13
101	Thermoelectric properties of CuInSe chalcopyrites enhanced by introduction of manganese. <i>Physical Review B</i> , 2011, 84, .	1.1	57
102	Electronic structure of lanthanum transition-metal oxyarsenides LaMAsO (M= Fe, Co, Ni) and LaFe_2AsO (M = Co, Ni) by X-ray photoelectron and absorption spectroscopy. <i>Solid State Sciences</i> , 2010, 12, 50-58.	1.5	24
103	Effects of rare-earth substitution in the oxyarsenides REFeAsO (RE=Ce, Pr, Nd, Sm, Gd) and CeNiAsO by X-ray photoelectron and absorption spectroscopy. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1477-1483.	1.4	17
104	Electronic structure of ZrCuSiAs and ZrCuSiP by X-ray photoelectron and absorption spectroscopy. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1536-1544.	1.4	12
105	Ternary Rare-Earth Iron Arsenides $\text{RE}_{12}\text{Fe}_{57.5}\text{As}_{41}$ (RE = La, Ce). <i>Inorganic Chemistry</i> , 2010, 49, 2325-2333.	1.9	21
106	Ternary arsenides $\text{Zr}(\text{SixAs}_{1-x})\text{As}$ with PbCl_2 -type ($0 \leq x \leq 0.4$) and PbFCl -type ($x=0.6$) structures. <i>Journal of Alloys and Compounds</i> , 2010, 492, 19-25.	2.8	8
107	On the existence of ZrAs_2 and ternary extension $\text{Zr}(\text{GexAs}_{1-x})\text{As}$ ($0 \leq x \leq 0.4$). <i>Journal of Alloys and Compounds</i> , 2010, 505, 17-22.	2.8	8
108	In search of the elusive amalgam SrHg_8 : a mercury-rich intermetallic compound with augmented pentagonal prisms. <i>Dalton Transactions</i> , 2010, 39, 7132.	1.6	8

#	ARTICLE	IF	CITATIONS
109	Bonding and Electronic Structure of Phosphides, Arsenides, and Antimonides by X-Ray Photoelectron and Absorption Spectroscopies. <i>Structure and Bonding</i> , 2009, , 41-92.	1.0	9
110	Titanium germanium antimonide, TiGeSb. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, i68-i68.	0.2	4
111	$\text{Li}_6\text{A}_{17}\text{Hg}_9$ (A=Ca, Sr, Yb): Intermetallic Compounds of Mercury with a Zeolite-Like Topology of Cubic Networks. <i>Chemistry - A European Journal</i> , 2009, 15, 10348-10351.	1.7	6
112	Rare-Earth Tetrel Antimonides $\text{RE}_5\text{Tt}_x\text{Sb}_{3-x}$ (RE= La-Nd; Tt= Si, Ge). <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3403-3413.	1.0	4
113	Structure and magnetic properties of rare-earth chromium germanides RECr_xGe_2 (RE=Sm, Gd-Er). <i>Journal of Solid State Chemistry</i> , 2009, 182, 122-128.	1.4	13
114	$\text{Ba}_5\text{Ti}_{12}\text{Sb}_{19+x}$, a polar intermetallic compound with a stuffed $\hat{\Gamma}^3$ -brass structure. <i>Journal of Solid State Chemistry</i> , 2009, 182, 3131-3137.	1.4	12
115	Ge Pairs and Sb Ribbons in Rare-Earth Germanium Antimonides $\langle \text{RE} \rangle_{12}\langle \text{Ge} \rangle_7\langle \text{Sb} \rangle_{21}$ ($\langle \text{RE} \rangle = \text{La-Pr}$). <i>Chemistry - an Asian Journal</i> , 2009, 4, 1465-1473.	1.7	4
116	Structure and magnetic properties of hexagonal perovskite-type rare-earth vanadium germanides RE_2VGe_3 (RE = La-Nd). <i>Journal of Materials Chemistry</i> , 2009, 19, 6225.	6.7	12
117	Effects of metal substitution in transition-metal phosphides $(\text{Ni}_{1-x}\text{M}^2)_2\text{P}$ ($\text{M}^2 = \text{Cr, Fe, Co}$) studied by X-ray photoelectron and absorption spectroscopy. <i>Journal of Materials Chemistry</i> , 2009, 19, 6015.	6.7	61
118	Bonding and Electronic Structure of Phosphides, Arsenides, and Antimonides by X-Ray Photoelectron and Absorption Spectroscopies. <i>Structure and Bonding</i> , 2009, , 41-92.	1.0	5
119	ARXPS study of the ion mobility through $(\text{HfO}_2)_x(\text{SiO}_2)_y$ formed on air-exposed $\text{HfSi}_{0.5}\text{As}_{1.5}$. <i>Surface and Interface Analysis</i> , 2008, 40, 490-494.	0.8	4
120	Next-nearest neighbour contributions to the XPS binding energies and XANES absorption energies of P and As in transition-metal arsenide phosphides MA_3Py having the MnP-type structure. <i>Journal of Solid State Chemistry</i> , 2008, 181, 2549-2558.	1.4	29
121	Ternary Rare-Earth Manganese Bismuthides: Structures and Physical Properties of RE_3MnBi_5 (RE = La-Nd) and $\text{Sm}_2\text{Mn}_3\text{Bi}_6$. <i>Inorganic Chemistry</i> , 2008, 47, 297-305.	1.9	27
122	Alkaline-Earth Metal Mercury Intermetallics $\text{A}_{11}\text{Hg}_{54+x}$ (A = Ca, Sr). <i>Inorganic Chemistry</i> , 2008, 47, 1313-1318.	1.9	24
123	X-ray Photoelectron and Absorption Spectroscopy of Metal-Rich Phosphides $\langle \text{M} \rangle_2\text{P}$ and $\langle \text{M} \rangle_3\text{P}$ ($\langle \text{M} \rangle = \text{Cr-Ni}$). <i>Chemistry of Materials</i> , 2008, 20, 7081-7088.	3.2	233
124	Ternary Rare-Earth Titanium Antimonides $\text{RE}_2\text{Ti}_{11}\text{Sb}_{14}$ (RE = Sm, Gd, Tb, Yb). <i>Inorganic Chemistry</i> , 2008, 47, 6763-6770.	1.9	8
125	Structure and electrical resistivity of rare-earth zinc bismuthides REZn_2Bi_2 (RE=La, Ce, Pr). <i>Journal of Alloys and Compounds</i> , 2008, 451, 606-609.	2.8	13
126	Isothermal section of the Ho-Co-Bi system at 800°C and new ternary $\text{Mo}_5\text{B}_2\text{Si}$ -type bismuthides $\text{R}_5\text{Co}_2\text{Bi}$ (R=Gd, Ho, Dy). <i>Intermetallics</i> , 2008, 16, 1185-1189.	1.8	7

#	ARTICLE	IF	CITATIONS
127	Structures and Physical Properties of Rare-Earth Zinc Antimonides $\text{Pr}_{6-x}\text{Zn}_{1+x}\text{Sb}_{14-y}$ and $\text{RE}_6\text{Zn}_{1+x}\text{Sb}_{14}$ ($\text{RE} = \text{Sm}, \text{Gd}, \text{Ho}$). <i>Inorganic Chemistry</i> , 2008, 47, 11930-11941.	1.9	12
128	$\text{Ce}_6\text{ZnBi}_{14}$ and $\text{Pr}_6\text{InSb}_{15}$: Ternary rare-earth intermetallics with extended pnictogen ribbons. <i>Chemistry of Metals and Alloys</i> , 2008, 1, 76-83.	0.2	8
129	Ternary Zirconium Tin Antimonide $\text{ZrSn}_{2-x}\text{Sb}_x$ ($0.2 < x < 0.8$), Different from the Parent Binaries ZrSn_2 and ZrSb_2 . <i>Inorganic Chemistry</i> , 2007, 46, 2877-2882.	1.9	2
130	Structures and Physical Properties of Rare-Earth Chromium Germanides RECrGe_3 ($\text{RE} = \text{Tj}, \text{Er}, \text{Yb}$). <i>Journal of Solid State Chemistry</i> , 2007, 180, 2298-2304.	3.2	34
131	Structure of $\text{Cd}_{12.7(1)}\text{Sb}_{10}$. <i>Chemistry of Materials</i> , 2007, 19, 1518-1522.	3.2	16
132	Electron-poor SrAuxIn_4 ($0.5 \leq x \leq 1.2$) and SrAuxSn_4 ($1.3 \leq x \leq 2.2$) phases with the BaAl_4 -type structure. <i>Journal of Solid State Chemistry</i> , 2007, 180, 2298-2304.	1.4	17
133	Analysis of the electronic structure of $\text{Hf}(\text{Si}_{0.5}\text{As}_{0.5})\text{As}$ by X-ray photoelectron and photoemission spectroscopy. <i>Journal of Solid State Chemistry</i> , 2007, 180, 2670-2681.	1.4	14
134	Ternary rare-earth titanium antimonides: Phase equilibria in the $\text{RE}_2\text{TiSb}_{12}$ ($\text{RE} = \text{La}, \text{Er}$) systems and crystal structures of $\text{RE}_2\text{Ti}_7\text{Sb}_{12}$ ($\text{RE} = \text{La}, \text{Ce}, \text{Pr}, \text{Nd}$) and $\text{RETi}_3(\text{Sn}_x\text{Sb}_{1-x})_4$ ($\text{RE} = \text{Nd}, \text{Sm}$). <i>Journal of Solid State Chemistry</i> , 2007, 180, 2216-2224.	1.4	16
135	Next-nearest neighbour contributions to $P 2p_{3/2}$ X-ray photoelectron binding energy shifts of mixed transition-metal phosphides $\text{M}_1\text{M}_2\text{P}$ with the MnP -type structure. <i>Journal of Solid State Chemistry</i> , 2007, 180, 2702-2712.	1.4	49
136	X-ray Photoelectron Spectroscopy Study of Rare-Earth Filled Skutterudites $\text{LaFe}_4\text{P}_{12}$ and $\text{CeFe}_4\text{P}_{12}$. <i>Chemistry of Materials</i> , 2006, 18, 1650-1657.	3.2	32
137	Chapter 227 Bismuthides. <i>Fundamental Theories of Physics</i> , 2006, , 1-82.	0.1	6
138	Anisotropic Transport and Magnetic Properties of Ternary Uranium Antimonides U_3ScSb_5 and U_3TiSb_5 . <i>Chemistry of Materials</i> , 2006, 18, 4533-4540.	3.2	13
139	Structure and physical properties of ternary uranium transition-metal antimonides U_3MSb_5 ($\text{M} = \text{Zr}, \text{Hf}$). <i>Journal of Solid State Chemistry</i> , 2006, 18, 4533-4540.	2.8	12
140	Redetermination of Na_3Hg_2 . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, i129-i130.	0.2	6
141	Thorium tin antimonide, $\text{ThSn}_{0.2}\text{Sb}_{1.8}$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, i158-i159.	0.2	0
142	Structure and physical properties of nonstoichiometric rare-earth cadmium antimonides, RECd_2Sb_2 ($\text{RE} = \text{La}, \text{Ce}, \text{Pr}, \text{Nd}, \text{Sm}$). <i>Journal of Solid State Chemistry</i> , 2006, 179, 1506-1512.	1.4	8
143	Structure and physical properties of rare-earth zinc antimonides REZn_2Sb_2 ($\text{RE} = \text{La}, \text{Ce}, \text{Pr}, \text{Nd}, \text{Sm}, \text{Gd}$). <i>Journal of Solid State Chemistry</i> , 2006, 179, 1596-1601.	1.4	13
144	Syntheses, structures, and magnetic properties of the europium(II) selenido pnictogenates(III), EuPnSe_3 ($\text{Pn} = \text{Sb}, \text{Bi}$). <i>Journal of Solid State Chemistry</i> , 2006, 179, 1596-1601.	1.4	13

#	ARTICLE	IF	CITATIONS
145	Orientational disorder in sodium cadmium trifluoride trihydrate, NaCdF ₃ ·3H ₂ O. Materials Research Bulletin, 2006, 41, 667-673.	2.7	1
146	X-ray photoelectron spectroscopy study of the skutterudites LaFe ₄ Sb ₁₂ , CeFe ₄ Sb ₁₂ , CoSb ₃ , and CoP ₃ . Physical Review B, 2006, 74, .	1.1	47
147	Lanthanum iron trigermanide, LaFeGe ₃ . Acta Crystallographica Section E: Structure Reports Online, 2005, 61, i1-i2.	0.2	5
148	Europium antimony sulfide, Eu ₆ Sb ₆ S ₁₇ . Acta Crystallographica Section E: Structure Reports Online, 2005, 61, i116-i119.	0.2	7
149	Structure and Physical Properties of Ternary Antimonide YbCrSb ₃ . Chemistry of Materials, 2005, 17, 2780-2784.	3.2	30
150	Examination of the Bonding in Binary Transition-Metal Monophosphides MP (M = Cr, Mn, Fe, Co) by X-Ray Photoelectron Spectroscopy. Inorganic Chemistry, 2005, 44, 8988-8998.	1.9	415
151	Structure and Physical Properties of Ternary Rare-Earth Cobalt Bismuth Intermetallics (RE) ₁₂ Co ₅ Bi (RE) Tj ETQq1 1 0,784314.rgBT /Ovel	1.9	23
152	Structures and Physical Properties of Ternary Antimonides RE ₃ MSb ₅ (M = Zr, Hf), U ₃ MSb ₅ (M = Zr, Hf), Tj ETQq0 0,0.rgBT /Ovelock 10	0.1	0
153	Cerium cadmium diantimonide, CeCd _{0.66} Sb ₂ . Acta Crystallographica Section E: Structure Reports Online, 2004, 60, i82-i83.	0.2	3
154	Structure and electrical resistivity of CeNiSb ₃ . Journal of Solid State Chemistry, 2004, 177, 293-298.	1.4	37
155	Ternary silicides M ₂ Cr ₄ Si ₅ (M=Ti, Zr, Hf): filled variants of the Ta ₄ SiTe ₄ structure type. Journal of Solid State Chemistry, 2004, 177, 2523-2529.	1.4	9
156	Structure and physical properties of ternary W ₅ Si ₃ -type antimonides and bismuthides Zr ₅ M _{1-x} Pn _{2+x} (M=Cr, Mn; Pn=Sb, Bi). Journal of Solid State Chemistry, 2004, 177, 4136-4141.	1.4	3
157	Synthesis and structure of ternary transition-metal silicides Zr ₃ Mn ₄ Si ₆ and Hf ₃ Mn ₄ Si ₆ . Journal of Solid State Chemistry, 2004, 177, 3939-3943.	1.4	5
158	Isolation of Intermediate-Valent Ce(III)/Ce(IV) Hydrolysis Products in the Preparation of Cerium lodates: Electronic and Structural Aspects of Ce ₂ (IO ₃) ₆ (OH) _x (x=0 and 0.44). Chemistry of Materials, 2004, 16, 1343-1349.	3.2	29
159	Zr ₇ Sb ₄ : A New Binary Zirconium-Rich Antimonide. Inorganic Chemistry, 2004, 43, 4400-4405.	1.9	1
160	Lanthanum Gallium Bismuthide, LaGaBi ₂ . Inorganic Chemistry, 2003, 42, 1549-1555.	1.9	18
161	Lanthanum gallium manganese antimonide La ₁₂ Ga _{3.5} Mn _{0.5} Sb _{23.5} . Journal of Solid State Chemistry, 2003, 171, 137-142.	1.4	4
162	Structure determination of niobium palladium arsenide, Nb ₅ Pd ₄ As ₄ , from a 5Å—5Å—5½m ³ crystal with synchrotron radiation. Journal of Solid State Chemistry, 2003, 172, 232-236.	1.4	3

#	ARTICLE	IF	CITATIONS
163	Platinum silicon antimonide (PtSiSb). <i>Journal of Solid State Chemistry</i> , 2003, 175, 231-236.	1.4	3
164	Magnetic Properties and Magnetoresistance of GdCrSb ₃ . <i>Chemistry of Materials</i> , 2003, 15, 3343-3346.	3.2	23
165	Physical Properties and Bonding in RE ₃ TiSb ₅ (RE = La, Ce, Pr, Nd, Sm). <i>Chemistry of Materials</i> , 2002, 14, 4867-4873.	3.2	32
166	Superconductivity in Ba ₂ Sn ₃ Sb ₆ and SrSn ₃ Sb ₄ . <i>Journal of Alloys and Compounds</i> , 2002, 338, 69-72.	2.8	16
167	Magnetic and Transport Properties of RE ₃ Sn _x Sb ₂ (RE=La, Ce, Pr, Nd, Sm; x=0.5, 0.7). <i>Journal of Solid State Chemistry</i> , 2002, 164, 292-300.	1.4	19
168	Lanthanum Gallium Tin Antimonides LaGaxSnySb ₂ . <i>Journal of Solid State Chemistry</i> , 2002, 167, 41-47.	1.4	3
169	Vanadium nickel antimonide, VNi _{0.26(2)} Sb. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, i39-i40.	0.2	2
170	Samarium orthosilicate oxyapatite, Sm ₅ (SiO ₄) ₃ O. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, i70-i71.	0.2	6
171	Layered Rare-Earth Gallium Antimonides REGaSb ₂ (RE= La~Nd, Sm). <i>Journal of the American Chemical Society</i> , 2001, 123, 1151-1158.	6.6	31
172	Hydrothermal Synthesis, Structure, and Magnetic Properties of a Layered Organically Templated Uranium Aquofluoride: [C ₅ H ₁₄ N ₂][U ₂ F ₁₀ (H ₂ O)]. <i>Inorganic Chemistry</i> , 2001, 40, 886-890.	1.9	44
173	Structures of the quaternary iron germanium antimonides R _{1-x} (R,Fe) ₆ Ge ₄ (Ge,Sb) ₂ (R=Ti, Cr, Mn), filled derivatives of FeGe _{1-x} Sb _x . <i>Journal of Alloys and Compounds</i> , 2001, 322, 103-112.	2.8	6
174	Nb ₄ Pd _{0.5} ZSb ₂ (Z = Cr, Fe, Co, Ni, Si): The First Ordered Quaternary Variants of the W ₅ Si ₃ -Type Structure. <i>Inorganic Chemistry</i> , 2001, 40, 5199-5205.	1.9	6
175	Rare-Earth Germanium Antimonides RE ₆ Ge _{5-x} Sb _{11+x} (RE= La~Nd, Sm, Gd~Dy). II. Magnetic and Transport Properties. <i>Inorganic Chemistry</i> , 2001, 40, 960-965.	1.9	17
176	Nb ₉ PdAs ₇ : A Unique Arrangement in the Mn _{2+3n+2} Xn _{2+n} Y Family of Hexagonal Structures. <i>Inorganic Chemistry</i> , 2001, 40, 5365-5370.	1.9	7
177	Magnetic and Transport Properties of Ferromagnet NdCrSb ₃ . <i>Chemistry of Materials</i> , 2001, 13, 1407-1412.	3.2	24
178	Rare-Earth Germanium Antimonides RE ₆ Ge _{5-x} Sb _{11+x} (RE= La~Nd, Sm, Gd~Dy). I. Syntheses and Structures. <i>Inorganic Chemistry</i> , 2001, 40, 952-959.	1.9	20
179	Hydrothermal Syntheses, Structures, and Magnetic Properties of the U(IV) Fluorides (C ₅ H ₁₄ N ₂) ₂ U ₂ F ₁₂ ·5H ₂ O and (NH ₄) ₇ U ₆ F ₃₁ . <i>Journal of Solid State Chemistry</i> , 2001, 158, 87-93.	1.4	41
180	Nb ₂₈ Ni _{33.5} Sb _{12.5} , a New Representative of the X-phase. <i>Journal of Solid State Chemistry</i> , 2001, 160, 450-459.	1.4	3

#	ARTICLE	IF	CITATIONS
181	Electronic Structures and Properties of RE ₁₂ Ga ₄ Sb ₂₃ (RE = La~Nd, Sm) and Superconducting La ₁₃ Ga ₈ Sb ₂₁ . <i>Chemistry of Materials</i> , 2001, 13, 1778-1788.	3.2	28
182	The metallic Zintl phase Ba ₃ Sn ₄ As ₆ . <i>Solid State Sciences</i> , 2001, 3, 503-512.	1.5	17
183	Ternary Antimonide EuSn ₃ Sb ₄ and Related Metallic Zintl Phases. <i>Journal of Solid State Chemistry</i> , 2000, 150, 371-376.	1.4	27
184	Structures of the ternary iron germanium pnictides FeGe _{1-x} Pnx (Pn=P, As, Sb). <i>Journal of Alloys and Compounds</i> , 2000, 298, 82-92.	2.8	18
185	Rare-Earth Gallium Antimonides La ₁₃ Ga ₈ Sb ₂₁ and RE ₁₂ Ga ₄ Sb ₂₃ (RE = La~Nd, Sm): Linking Sb Ribbons by Ga ₆ -Rings or Ga ₂ -Pairs. <i>Inorganic Chemistry</i> , 2000, 39, 4599-4607.	1.9	32
186	Ternary Early-Transition-Metal Palladium Pnictides Zr ₃ Pd ₄ P ₃ , Hf ₃ Pd ₄ P ₃ , HfPdSb, and Nb ₅ Pd ₄ P ₄ . <i>Inorganic Chemistry</i> , 2000, 39, 4936-4941.	1.9	8
187	Low-Dimensional Organically Templated Uranium Fluorides (C ₅ H ₁₄ N ₂) ₂ U ₂ F ₁₂ ·2H ₂ O and (C ₂ H ₁₀ N ₂) ₂ U ₂ F ₁₀ : Hydrothermal Syntheses, Structures, and Magnetic Properties. <i>Chemistry of Materials</i> , 2000, 12, 3208-3213.	3.2	70
188	Nonstoichiometric Rare-Earth Copper Arsenides RECu _{1+x} As ₂ (RE=La, Ce, Pr). <i>Journal of Solid State Chemistry</i> , 1999, 147, 140-145.	1.4	31
189	M ₃ Ni ₃ Sb ₄ (M = Zr, Hf) and Zr ₃ Pt ₃ Sb ₄ . Ternary Antimonides with the Y ₃ Au ₃ Sb ₄ Structure. <i>Inorganic Chemistry</i> , 1999, 38, 3435-3438.	1.9	20
190	The Ternary Silicide ZrPd ₃ Si ₃ , a Stacking Variant of the $\bar{1}1$ -FeSi ₂ and Re ₃ B Structure Types. <i>Chemistry of Materials</i> , 1999, 11, 3232-3237.	3.2	3
191	A New Rare-Earth Indium Antimonide, (RE)In _{1-x} Sb ₂ (RE = La~Nd), Featuring In Zigzag Chains and Sb Square Nets. <i>Inorganic Chemistry</i> , 1999, 38, 4503-4509.	1.9	31
192	Ternary Arsenide Ba _{0.8} Hf ₁₂ As _{17.7} , a Variant of the Cr ₁₂ P ₇ Structure Type with Inserted Arsenic Ribbons. <i>Inorganic Chemistry</i> , 1998, 37, 5364-5368.	1.9	9
193	LaCrSb ₃ : A New Itinerant Electron Ferromagnet with a Layered Structure. <i>Chemistry of Materials</i> , 1998, 10, 3630-3635.	3.2	61
194	Ternary cobalt germanium pnictides CoGe _{1-x} Pnx (Pn = P, As, Sb) and the structure of Co ₃ Ge ₂ Sb, an intermetallic compound with stuffed Sb ₂ pairs. <i>Canadian Journal of Chemistry</i> , 1998, 76, 1588-1594.	0.6	5
195	Synthesis and Structure of the Zintl Phase SrSn ₃ Sb ₄ . <i>Inorganic Chemistry</i> , 1997, 36, 3750-3753.	1.9	12
196	Crystal structures of La ₃ ZrSb ₅ , La ₃ HfSb ₅ , and LaCrSb ₃ . Structural relationships in ternary rare-earth antimonides. <i>Journal of Alloys and Compounds</i> , 1997, 249, 191-198.	2.8	90
197	New Ternary Zirconium Antimonides, ZrSi _{0.7} Sb _{1.3} , ZrGeSb, and ZrSn _{0.4} Sb _{1.6} : A Family Containing ZrSiS-Type and $\bar{1}2$ -ZrSb ₂ -Type Compounds. <i>Journal of Solid State Chemistry</i> , 1997, 134, 388-394.	1.4	17
198	A New Family of Nonstoichiometric Layered Rare-Earth Tin Antimonides, RESnxSb ₂ (RE = La, Ce, Pr, Nd). <i>Journal of Solid State Chemistry</i> , 1997, 134, 388-394.	1.9	33

#	ARTICLE	IF	CITATIONS
199	Synthesis and Structure of Ba ₂ Sn ₃ Sb ₆ , a Zintl Phase Containing Channels and Chains. <i>Inorganic Chemistry</i> , 1996, 35, 6959-6963.	1.9	22
200	New Ternary Rare-Earth Transition-Metal Antimonides RE ₃ MSb ₅ (RE = La, Ce, Pr, Nd, Sm; M = Ti, Zr, Hf.) <i>Tj ETQq0 0,0,rgBT /Overlock 10</i>	3.2	53
201	The layered ternary germanium tellurides ZrGeTe ₄ , HfGeTe ₄ , and TiGeTe ₆ ; structure, bonding, and physical properties. <i>Journal of the American Chemical Society</i> , 1993, 115, 3227-3238.	6.6	37
202	Metal-metal vs tellurium-tellurium bonding in WTe ₂ and its ternary variants TaIrTe ₄ and NbIrTe ₄ . <i>Journal of the American Chemical Society</i> , 1992, 114, 8963-8971.	6.6	148
203	Synthesis and physical properties of the new layered ternary tellurides M ₂ IrTe ₄ (M = Nb, Ta), and the structure of NbIrTe ₄ . <i>Journal of Solid State Chemistry</i> , 1992, 97, 366-376.	1.4	27
204	Synthesis, structure, and physical properties of the new layered ternary telluride TaPtTe ₅ . <i>Journal of Solid State Chemistry</i> , 1991, 92, 352-361.	1.4	13
205	Coordination compounds containing a novel tridentate pyrazolylgallate ligand. X-ray structures of Me ₂ Ga(1/4-OH)(1/4-Me ₂ pz)GaMe ₂ and [Me ₂ Ga(pz)(OCH ₂ pz)] ₂ Ni (pz = N ₂ C ₃ H ₃). <i>Canadian Journal of Chemistry</i> , 1988, 66, 101-108.		
206	Molybdenum-tin and molybdenum-copper complexes derived from the molybdenum tricarbonyl anions, LMo(CO) ₃ ⁻ (where L = HBpz ₃ or HBpz ₃ ; pz = pyrazolyl, N ₂ C ₃ H ₃ ; and pz = 3,5-dimethylpyrazolyl.) <i>Tj ETQ</i>		