

Sven A Lidin

List of Publications by Year in Descending Order

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168
papers

2,849
citations

25
h-index

45
g-index

208
ext. papers

3,161
ext. citations

5.4
avg. IF

5.01
L-index

#	Paper	IF	Citations
168	A di-iron(III) Ebxido complex as catalyst precursor in the oxidation of alkanes and alkenes.. <i>Journal of Inorganic Biochemistry</i> , 2022 , 231, 111769	4.2	
167	Entropy-Driven Incommensurability: Chemical Pressure-Guided Polymorphism in PdBi and the Origins of Lock-In Phenomena in Modulated Systems. <i>Inorganic Chemistry</i> , 2020 , 59, 4936-4949	5.1	3
166	Structure and stability of EAUZn: a Ebrass-related complex phase in the Au-Zn System. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020 , 76, 1109-1116	1.8	
165	New Nonlinear Optical Crystal of Rhodamine 590 Acid Phthalate. <i>ACS Omega</i> , 2020 , 5, 20863-20873	3.9	2
164	ELiZn: A Low Symmetric Polar Intermetallic Compound. <i>Inorganic Chemistry</i> , 2019 , 58, 12590-12600	5.1	0
163	Resolving Rotational Stacking Disorder and Electronic Level Alignment in a 2D Oligothiophene-Based Lead Iodide Perovskite. <i>Chemistry of Materials</i> , 2019 , 31, 8523-8532	9.6	14
162	Crystal Structure of the Disordered Non-Centrosymmetric Compound Fe _{0.43} Mo _{2.56} SbO _{9.5} . <i>Crystals</i> , 2019 , 9, 40	2.3	1
161	Y ₃ Ru ₂ EA Representative of a Composite Modulated Family of Intermetallics. <i>Crystals</i> , 2019 , 9, 189	2.3	1
160	The Mystery of the AuIn 1:1 Phase and Its Incommensurate Structural Variations. <i>Inorganic Chemistry</i> , 2018 , 57, 2791-2796	5.1	4
159	In Situ Synthesis and Single Crystal Synchrotron X-ray Diffraction Study of ht-SnSb: An Example of How Complex Modulated Structures Are Becoming Generally Accessible. <i>Accounts of Chemical Research</i> , 2018 , 51, 223-229	24.3	1
158	Fe Hexa N-Heterocyclic Carbene Complex with a 528 ps Metal-to-Ligand Charge-Transfer Excited-State Lifetime. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 459-463	6.4	101
157	A New Material with a Composite Crystal Structure Causing Ultralow Thermal Conductivity and Outstanding Thermoelectric Properties: TlAgTe. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8578-8585	16.4	26
156	Cu ₅ In ₃ -Cu ₃ In ₂ Revisited. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3548-3553	2.3	5
155	A low-spin Fe(iii) complex with 100-ps ligand-to-metal charge transfer photoluminescence. <i>Nature</i> , 2017 , 543, 695-699	50.4	205
154	Quasicrystal Approximants 2017 , 73-92		1
153	Synthesis, Structure, and Thermoelectric Properties of EZn ₃ Sb ₂ and Comparison to EZn ₁₃ Sb ₁₀ . <i>Chemistry of Materials</i> , 2017 , 29, 5249-5258	9.6	21
152	Tuning Crystal Structures and Thermoelectric Properties through Al Doping in ReSi _{1.75} . <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 47-55	2.3	5

151	Conflict between the Electronic Factors and Structure-Directing Rules in the Intergrowth Structure of $\text{Ca}_4\text{Ag}_2+x\text{Ge}_4$ with $x = 1/2$. <i>Crystal Growth and Design</i> , 2016 , 16, 5946-5953	3.5	1
150	Allotwinning and OD-structures [the example of malonamide. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016 , 231, 623-629	1	3
149	Exo-bonded six-membered heterocycle in the crystal structures of RECoGe (RE = La-Nd). <i>Dalton Transactions</i> , 2016 , 45, 18522-18531	4.3	3
148	Reaction behavior and evolution of phases during the sintering of TaAl powder mixtures. <i>Journal of Alloys and Compounds</i> , 2016 , 654, 103-111	5.7	3
147	Structure and Bonding of an Intergrowth Phase $\text{Ca}_7\text{Ag}_2+x\text{Ge}_7$ ($x \approx 1/3$) Featuring a Zintl-Type Polyanionic Chain. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 169-176	2.3	4
146	$\text{Cu}_{11}\text{In}_9$ [Revised crystal structure and its (physicochemical) relation to $\text{Cu}_{10}\text{In}_7$. <i>Journal of Alloys and Compounds</i> , 2015 , 638, 393-397	5.7	1
145	On squaring triangles [Structural motifs in Cu_nSn_m compounds. <i>Journal of Solid State Chemistry</i> , 2015 , 231, 25-35	3.3	1
144	Ternary intermetallic compounds in AuSn soldering systems [structure and properties. <i>Journal of Materials Science</i> , 2015 , 50, 7808-7820	4.3	8
143	Synthesis, crystal structure, and bonding analysis of the hypoelectronic cubic phase $\text{Ca}_5\text{Pd}_6\text{Ge}_6$. <i>Inorganic Chemistry</i> , 2015 , 54, 9098-104	5.1	4
142	A heteroleptic ferrous complex with mesoionic bis(1,2,3-triazol-5-ylidene) ligands: taming the MLCT excited state of iron(II). <i>Chemistry - A European Journal</i> , 2015 , 21, 3628-39	4.8	106
141	AuCd_4 : a Hume-Rothery Phase with VEC of 1.8 and icosahedral and trigonal-prismatic clusters as building blocks. <i>Inorganic Chemistry</i> , 2015 , 54, 713-21	5.1	7
140	Linear Metal Chains in $\text{Ca}_2\text{M}_2\text{X}$ (M = Pd, Pt; X = Al, Ge): Origin of the Pairwise Distortion and Its Role in the Structure Stability. <i>Chemistry of Materials</i> , 2015 , 27, 304-315	9.6	20
139	Bonding in intermetallics may be deceptive [the case of the new type structure Au_2InGa_2 . <i>Intermetallics</i> , 2014 , 46, 40-44	3.5	6
138	Imaging techniques. Mapping bond orientations with polarized x-rays. <i>Science</i> , 2014 , 344, 969-70	33.3	3
137	The phase equilibria in the AuInGa ternary system. <i>Journal of Alloys and Compounds</i> , 2014 , 588, 474-480	5.7	4
136	A short designed semi-aromatic organic nanotube--synthesis, chiroptical characterization, and host properties. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 8930-41	3.9	2
135	Cu_3Sn - understanding the systematic absences. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014 , 70, 879-87	1.8	8
134	Synthesis and crystal structure of a series of incommensurately modulated composite oxohalide compounds. <i>Dalton Transactions</i> , 2014 , 43, 15812-7	4.3	1

133	Valence state driven site preference in the quaternary compound $\text{Ca}_5\text{MgAgGe}_5$: an electron-deficient phase with optimized bonding. <i>Inorganic Chemistry</i> , 2014 , 53, 4724-32	5.1	8
132	$\text{LiZn}(4-x)$ ($x = 0.825$) as a (3 + 1)-dimensional modulated derivative of hexagonal close packing. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014 , 70, 212-7	1.8	10
131	Water-Soluble Molecularly Imprinted Nanoparticles (MINPs) with Tailored, Functionalized, Modifiable Binding Pockets. <i>Chemistry - A European Journal</i> , 2014 , 21, 3831	4.8	1
130	The new nickel tellurite chloride compound $\text{Ni}_{15}\text{Te}_{12}\text{O}_{34}\text{Cl}_{10}$ —synthesis, crystal structure and magnetic properties. <i>Dalton Transactions</i> , 2013 , 42, 1394-9	4.3	7
129	Incommensurately modulated $\text{Au}(1+x)\text{Cd}(2-x)$ formed by an unquenchable phase transformation from the β -brass phase. <i>Inorganic Chemistry</i> , 2013 , 52, 12980-5	5.1	5
128	Bonding Schemes for Polar Intermetallics through Molecular Orbital Models: Ca-Supported PtPt Bonds in $\text{Ca}_{10}\text{Pt}_7\text{Si}_3$. <i>Crystals</i> , 2013 , 3, 504-516	2.3	10
127	$\text{Au}_{10}\text{Mo}_4\text{Zn}_{89}$: a fully ordered complex intermetallic compound analyzed by TOPOS. <i>Inorganic Chemistry</i> , 2013 , 52, 11110-7	5.1	9
126	Synthesis of an orthogonal topological analogue of helicene. <i>Chemistry - A European Journal</i> , 2013 , 19, 14963-9	4.8	6
125	Structures of $\text{NiCd}_{6+[(0.32 \text{---} 0.35)]}$ β -brass related phase, and $\text{NiCd}_{1+[(0 \text{---} 0.05)]}$ β - Ti_2Ni type phase in the nickel-cadmium system. <i>CrystEngComm</i> , 2013 , 15, 745-753	3.3	11
124	$\text{Ca}_2\text{Pd}_3\text{Ge}$, a new fully ordered ternary Laves phase structure. <i>Journal of Solid State Chemistry</i> , 2013 , 197, 312-316	3.3	19
123	Structure Determination of β -Brass-Related Composite Structures in the NiZn System: A Guided Tour by a (3+1)-Dimensional Space Description. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 91-98	2.3	8
122	$\text{Ca}_3\text{Ag}_{1+x}\text{Ge}_3$ ($x = 1/3$): New Transition Metal Zintl Phase with Intergrowth Structure and Alloying with Aluminum Metal. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 35-40	1.3	6
121	$\text{Pd}_2\text{Cd}_{11}[(0.21 \text{---} 0.51)]$ partly disordered β -brass type phase and $\text{Pd}_{0.238}\text{Cd}_{0.762}$ -a β -brass related incommensurate phase in the palladium-cadmium system. <i>Journal of Solid State Chemistry</i> , 2013 , 201, 244-249	3.3	9
120	The composite structure of mixed $(\text{Ag}, \text{Cu})\text{V}_2\text{O}_5$ bronzes—Evidence for T dependant guest-species ordering and mobility. <i>Journal of Solid State Chemistry</i> , 2013 , 199, 84-89	3.3	2
119	Site preference and ordering induced by Au substitution in the β -brass related complex Au-Cr-Zn phases. <i>Inorganic Chemistry</i> , 2013 , 52, 4812-8	5.1	6
118	Allotwinning in a molecular crystal: (1R,3S)-dimethyl 2-oxocyclohexane-1,3-dicarboxylate. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013 , 69, 509-13	1.8	5
117	Structural impact of platinum on the incommensurably modulated β -brass related composite structure $\text{Pd}_{15}\text{Zn}_{54}$. <i>Inorganic Chemistry</i> , 2012 , 51, 9893-901	5.1	5
116	Extreme differences in oxidation states: synthesis and structural analysis of the germanide oxometallates $\text{A}_{10}[\text{Ge}_9]_2[\text{WO}_4]$ as well as $\text{A}_{(10+x)}[\text{Ge}_9]_2[\text{W}(1-x)\text{Nb}(x)\text{O}_4]$ with A = K and Rb containing $[\text{Ge}_9]_4^-$ polyanions. <i>Inorganic Chemistry</i> , 2012 , 51, 4058-65	5.1	7

115	A Higher Dimensional Description of the Structure of β Mn. <i>Symmetry</i> , 2012 , 4, 537-544	2.7	7
114	Ca ₁₀ Pt ₇ Tt ₃ (Tt = Si, Ge): new platinide phases featuring electron-rich 4c-6e bonded [Pt ₇ Tt ₃] ₂₀ -intermetalloid clusters. <i>Inorganic Chemistry</i> , 2012 , 51, 11980-5	5.1	10
113	Synthesis, structural characterization, and ab initio study of Cu _{5+x} In _{2+x} Sb _{2-x} : a new B8-related structure type. <i>Inorganic Chemistry</i> , 2012 , 51, 10787-92	5.1	4
112	Crystalline Iron Oxohalide Nanotube Pea Pods. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3971-3974	1.3	4
111	A semiconductor or a one-dimensional metal and superconductor through tellurium β stacking. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8106-9	16.4	32
110	Structure and properties of the 5.5 K antiferromagnet EuAu ₂ Ge ₂ . <i>Zeitschrift für Kristallographie</i> , 2011 , 226, 214-218		3
109	Bis(β -iodo)-pentakis(α -iodo)-penta-copper(I) [A fully ordered, isolated [Cu ₅ I ₇] ₂ cluster. <i>Solid State Sciences</i> , 2011 , 13, 768-772	3.4	6
108	Luminescence properties of monoclinic Cu ₄ I ₄ (Piperidine) ₄ . <i>Materials Research Bulletin</i> , 2011 , 46, 1192-1196	1.9	9
107	Structural Investigation of a Fully Ordered closo-Ge ₉ Cluster in the Compound [K+(2,2,2-crypt)] ₂ Ge ₉ European Journal of Inorganic Chemistry, 2011 , 2011, 3999-4005	2.3	16
106	Luminescence properties of the Cu ₄ I ₆ cluster. <i>CrystEngComm</i> , 2011 , 13, 4729	3.3	19
105	Size matters sometimes. The [Cu _x Y] _(y) (NR ₄) ₊ (y) systems. <i>CrystEngComm</i> , 2011 , 13, 5730	3.3	24
104	Bis(isopropyl-triphenyl-phosphonium) di-iodido-bis-[iodidocopper(I)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m432-3		5
103	Phase relations and structural properties of the ternary narrow gap semiconductors Zn ₅ Sb ₄ In ₂ (β 0.15) and Zn ₉ Sb ₆ In ₂ . <i>Journal of Solid State Chemistry</i> , 2010 , 183, 1574-1581	3.3	5
102	Structural study by X-ray diffraction and transmission electron microscopy of the misfit compound (Sb ₅ Se ₆) _{1.16} (Nb _{1.036} S ₂) ₂ . <i>Materials Research Bulletin</i> , 2010 , 45, 982-988	5.1	9
101	Dual graphs realized in the compounds di- β -4-mercaptopyridine catena-di- α -iodo-di- β -iodo- β -iodo penta copper(I) and di- β -4-mercaptopyridine-di-catena-iodo-di- β -iodo tri copper(I). <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2656-2661	3.3	3
100	Poly[dimethyldiphenylphosphonium [di- μ -4-iodido-tetra- μ -3-iodido-pentacopper(I)]]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, m227-30		3
99	Bis(tetra-phenyl-phosphonium) tetra-iodidomanganate(II) acetone monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m338		1
98	Structurally Complex Intermetallic Thermoelectrics [Examples from Modulated Rock-Salt structures and the System Zn-Sb 2010 , 197-217		1

97	Structural model for octagonal quasicrystals derived from octagonal symmetry elements arising in EMn crystallization of a simple monatomic liquid. <i>Physical Review B</i> , 2009 , 79,	3-3	18
96	Helical chains of [MO ₅ Cl] octahedra □ three compounds in the new family AEM ₂ Te ₃ O ₈ Cl ₂ (AE=Ca, Sr and M=Co, Ni). <i>Solid State Sciences</i> , 2009 , 11, 13-17	3-4	6
95	Two for the price of one □ Resolvable polymorphism in a □ single crystal □ of □ and □ Sb ₃ O ₄ I. <i>Solid State Sciences</i> , 2009 , 11, 24-28	3-4	6
94	Modulations in the onoratoite system. <i>Solid State Sciences</i> , 2009 , 11, 1198-1205	3-4	3
93	Cd(13-x)In(y)Sb ₁₀ (x approximately 2.7, y approximately 1.5): an interstitial-free variant of thermoelectric beta-Zn ₄ Sb ₃ . <i>Chemistry - A European Journal</i> , 2009 , 15, 6704-10	4-8	3
92	Re ₄ Si ₇ , first in a new MoSi ₂ -based family of 14-electron phases. <i>Chemistry - A European Journal</i> , 2009 , 15, 8108-12	4-8	6
91	The Structure of Cu ₆ Sn _{5-x} Sb _x □ Large Effects of Subtle Doping. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 611-613	1-3	16
90	Synthesis and Crystal Structure of Ca ₂ Ag _{1.83} Al _{0.67} Ge _{1.50} □ A Solid Solution with the NbCoB-type structure □ <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 2143-2146	1-3	5
89	□ Cd ₁₃ □ Sb ₁₀ □ The Devil is in the Details. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 1747-1752	1-3	0
88	To what extent does the Zintl-Klemm formalism work? The Eu(Zn(1-x)Ge(x)) ₂ series. <i>Inorganic Chemistry</i> , 2009 , 48, 6380-90	5-1	12
87	Zn(5)Sb(4)In(2-delta) - a ternary derivative of thermoelectric zinc antimonides. <i>Inorganic Chemistry</i> , 2009 , 48, 5996-6003	5-1	6
86	Cu ₂₀ Sb ₃₅ O ₄₄ Br ₃₇ □ one structure, two temperature dependencies. <i>Solid State Sciences</i> , 2008 , 10, 160-167	3-4	3
85	Metastable Cd ₄ Sb ₃ : a complex structured intermetallic compound with semiconductor properties. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15564-72	16-4	19
84	All the disorder mechanisms in the 13:58 phases come together. Out of the modulated confusion rises the remarkable phase Ce _{12.60} Cd _{58.68} (2). <i>Inorganic Chemistry</i> , 2008 , 47, 1079-86	5-1	16
83	Synthesis, structure, and bonding of Sc ₄ Mg _x Cu _{15-x} Ga approximately 7.5 (x=0, 0.5). Two incommensurately modulated scandium substitution derivatives of cubic Mg ₂ Cu ₆ Ga ₅ . <i>Inorganic Chemistry</i> , 2008 , 47, 1020-9	5-1	8
82	Origins of superstructure ordering and incommensurability in stuffed CoSn-type phases. <i>Journal of the American Chemical Society</i> , 2008 , 130, 8195-214	16-4	19
81	Vacancy-ordering effects in AlB ₂ -type ErGe ₂ - x(0.4 Acta Crystallographica Section B: Structural Science, 2008 , 64, 272-80		11
80	A New Compound in the Cu-In System □ The Synthesis and Structure of Cu ₁₀ In ₇ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008 , 634, 2589-2593	1-3	12

79	Single-crystal X-ray study of Ba ₂ Cu ₂ Te ₄ O ₁₁ Br ₂ and its incommensurately modulated superstructure companion. <i>Chemistry - A European Journal</i> , 2008 , 14, 3434-41	4.8	7
78	Anomalous low-temperature behavior of the Co dimers in the oxo-halide CoSb ₂ O ₃ Br ₂ . <i>Journal of Solid State Chemistry</i> , 2008 , 181, 2776-2782	3.3	4
77	Crystal structure of calcium silver germanium, CaAg _{0.98} Ge _{1.02} . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2008 , 223, 329-330	0.2	2
76	Occupation waves the way you have never seen them: the orthorhombic quasicrystal approximants RE(13)Zn(58+)(delta) (RE = Ho, Er, Tm, and Lu). <i>Inorganic Chemistry</i> , 2007 , 46, 6452-63	5.1	4
75	Low-Temperature Structural Transitions in the Phonon-Glass Thermoelectric Material Zn_4Sb_3 : Ordering of Zn Interstitials and Defects. <i>Chemistry of Materials</i> , 2007 , 19, 834-838	9.6	77
74	Single-crystal growth and structure determination of misfit layer oxide [Sr ₂ TlO ₃][CoO ₂] _{1.77} . <i>Journal of Crystal Growth</i> , 2007 , 306, 233-239	1.6	2
73	Effect of metal doping on the low-temperature structural behavior of thermoelectric Zn_4Sb_3 . <i>Journal of Solid State Chemistry</i> , 2007 , 180, 2603-2615	3.3	52
72	Optical and electronic properties of thermoelectric Zn ₄ Sb ₃ across the low-temperature phase transitions. <i>Applied Physics Letters</i> , 2007 , 90, 181920	3.4	6
71	Synthesis, crystal structure, phase relations and chemical bonding analysis of the new Nowotny chimney-ladder compound ZrBi _{1.62} . <i>Solid State Sciences</i> , 2006 , 8, 1173-1180	3.4	10
70	The structure of onoratoite, Sb ₈ O ₁₁ X ₂ (X=Cl, Br) revisited. <i>Solid State Sciences</i> , 2006 , 8, 849-854	3.4	15
69	Lone-pair interfaces that divide inorganic materials into ionic and covalent parts. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 5602-6	16.4	34
68	Lone-Pair Interfaces That Divide Inorganic Materials into Ionic and Covalent Parts. <i>Angewandte Chemie</i> , 2006 , 118, 5730-5734	3.6	8
67	Structural Study of the Disordered RECd ₆ Quasicrystal Approximants (RE = Tb, Ho, Er, Tm and Lu). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006 , 61, 644-649	1	30
66	Complexity of hexagonal approximants in the RE ₁₃ Zn~58 system (RE = Ce, Pr, Nd, Sm, Gd, Tb and Dy). <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2006 , 221,	1	13
65	Structure and bonding properties of (Bi ₂ Se ₃) _m (Bi ₂) _n stacks by first-principles density functional theory. <i>Physical Review B</i> , 2005 , 72,	3.3	91
64	The crystal structure of CuSb ₂ O ₃ Br: Slabs from cubic Sb ₂ O ₃ interspersed between puckered hexagonal CuBr-type layers. <i>Journal of Solid State Chemistry</i> , 2005 , 178, 3471-3475	3.3	20
63	Inheritance of the guanidinium chloride structure in two molybdenum (II) chloride salts. <i>Comptes Rendus Chimie</i> , 2005 , 8, 1750-1759	2.7	
62	Highly hydrated cations: deficiency, mobility, and coordination of water in crystalline nonhydrated scandium(III), yttrium(III), and lanthanoid(III) trifluoromethanesulfonates. <i>Chemistry - A European Journal</i> , 2005 , 11, 4065-77	4.8	81

61	Host-guest compounds in the family of tellurium-nickel oxohalogenides. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4292-5	16.4	26
60	Host-Guest Compounds in the Family of Tellurium-Nickel Oxohalogenides. <i>Angewandte Chemie</i> , 2004 , 116, 4392-4395	3.6	4
59	Superstructure of $\text{Eu}_4\text{Cd}_{25}$: a quasicrystal approximant. <i>Chemistry - A European Journal</i> , 2004 , 10, 3279-3288	1.5	40
58	Site occupancy wave and charge density wave in the modulated structure of $\text{Nd}_{0.6}\text{Gd}_{0.4}\text{Se}_{1.85}$. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 1598-1606	3.3	9
57	Phase stability in the systems $\text{AeAl}(2-x)\text{Mg}_x$ (Ae = Ca, Sr, Ba): electron concentration and size controlled variations on the laves phase structural theme. <i>Inorganic Chemistry</i> , 2004 , 43, 4751-60	5.1	25
56	The structure of $\alpha\text{-Zn}_4\text{Sb}_3$: ordering of the phonon-glass thermoelectric material $\beta\text{-Zn}_4\text{Sb}_3$. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16306-7	16.4	129
55	The incommensurably modulated structure of Er_3Sb_2 . <i>Journal of Alloys and Compounds</i> , 2004 , 376, 49-57	5.7	24
54	A general structure model for BiBe phases using a superspace formalism. <i>Solid State Sciences</i> , 2003 , 5, 47-57	3.4	67
53	Synthesis of structurally controlled nanocarbons in particular the nanobarrel carbon. <i>Solid State Sciences</i> , 2003 , 5, 133-137	3.4	8
52	New strontium and rare earth-based mixed niobium misfit sulfides. <i>Solid State Sciences</i> , 2003 , 5, 495-502	3.4	3
51	Order and twinning in $\text{Sb}_2\text{W}_{0.75}\text{Mo}_{0.25}\text{O}_6$. <i>Solid State Sciences</i> , 2003 , 5, 721-724	3.4	4
50	LaSeTe_2 -temperature dependent structure investigation and electron holography on a charge-density-wave-hosting compound. <i>Chemistry - A European Journal</i> , 2003 , 9, 5865-72	4.8	17
49	The composite structure of $\text{Cu}_{2.33}\text{V}_4\text{O}_{11}$. <i>Journal of Solid State Chemistry</i> , 2003 , 172, 319-326	3.3	14
48	(3 + 1)-dimensional structure refinement of the fresnoite framework-structure type compound $\text{Ba}_2\text{TiGe}_2\text{O}_8$. <i>Acta Crystallographica Section B: Structural Science</i> , 2003 , 59, 209-16		22
47	Structure of $\delta\text{-CoZn}_{7.8}$, an example of a phason pinning-unpinning transformation?. <i>Acta Crystallographica Section B: Structural Science</i> , 2003 , 59, 720-9		19
46	Long-range ordering during delithiation of LiMn_2O_4 cathode material. <i>Journal of Materials Chemistry</i> , 2003 , 13, 585-589		15
45	Comparative structural study of the disordered MCd_6 quasicrystal approximants. <i>Physical Review B</i> , 2003 , 68,	3.3	157
44	Structure of $\text{Dy}_{13}\text{Zn}_{57}$ a binary quasicrystal approximant. <i>Solid State Sciences</i> , 2002 , 4, 901-906	3.4	10

43	The structure of Nb ₅ O ₁₂ F. <i>Solid State Sciences</i> , 2002 , 4, 767-772	3.4	1
42	Variations of the FeGa ₃ Structure Type in the Systems CoIn ₃ Zn _x and CoGa ₃ Zn _x . <i>Journal of Solid State Chemistry</i> , 2002 , 165, 100-110	3.3	24
41	Preparation and Double-Helix Icosahedra Structure of FeCo ₂ Zn ₁₅ . <i>Journal of Solid State Chemistry</i> , 2002 , 166, 53-57	3.3	14
40	Superlattice formation in the lithiated vanadium oxide phases Li(0.67)V(6)O(13) and LiV(6)O(13). <i>Acta Crystallographica Section B: Structural Science</i> , 2001 , 57, 759-65		25
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