

# Roman E Gladyshevskii

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143  
papers

1,354  
citations

20  
h-index

30  
g-index

164  
ext. papers

1,471  
ext. citations

2.3  
avg, IF

3.88  
L-index

#	Paper	IF	Citations
143	Crystal structures and magnetism of the hydrides of Tb <sub>2</sub> T <sub>2</sub> Ga and Tb <sub>3</sub> Co <sub>3</sub> Ga (T = Co, Ni). <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 296, 121978	3.3	1
142	New Quaternary Compounds R <sub>3</sub> MnAl <sub>3</sub> Ge <sub>2</sub> (R - Rare Earth). <i>Solid State Phenomena</i> , <b>2019</b> , 289, 21-27	0.4	
141	Phase relations in the ternary system GaPd <sub>3</sub> Sn at 500 °C. <i>Materials Characterization</i> , <b>2019</b> , 147, 443-452	3.9	4
140	The Ternary Systems {Sc, Ti}-Cu-Al at 800°C. <i>Solid State Phenomena</i> , <b>2019</b> , 289, 28-34	0.4	
139	Interaction of the Components in the {Ce, Gd}-{Ti, Zr}-Sb Systems. <i>Solid State Phenomena</i> , <b>2019</b> , 289, 3-11	0.4	
138	Crystal Structure of the Dy <sub>3</sub> Ni <sub>11.83</sub> Si <sub>3.98</sub> Compound. <i>Solid State Phenomena</i> , <b>2019</b> , 289, 77-81	0.4	1
137	Structure and Magnetic Properties of (Cr,Ni) <sub>4-x</sub> CoxSi. <i>Solid State Phenomena</i> , <b>2019</b> , 289, 108-113	0.4	0
136	A Study of Partially Substituted Sr <sub>8</sub> Ca <sub>6</sub> Cu <sub>24</sub> O <sub>41</sub> Samples. <i>Solid State Phenomena</i> , <b>2019</b> , 289, 35-40	0.4	
135	Crystal Structure of the Compounds DyGa <sub>3-x</sub> Gex (x = 0.08-0.48 and x = 0.68-0.80). <i>Solid State Phenomena</i> , <b>2019</b> , 289, 53-58	0.4	1
134	Crystal Structure of the Compound Sc <sub>1.33</sub> Pd <sub>3</sub> Al <sub>8</sub> with Layers of R Atoms and Al <sub>3</sub> Triangles. <i>Solid State Phenomena</i> , <b>2019</b> , 289, 59-64	0.4	
133	Structural Evolution in the Systems TAl <sub>3-x</sub> Gex (T = Zr, Hf). <i>Solid State Phenomena</i> , <b>2019</b> , 289, 71-76	0.4	
132	Pauling File: Toward a Holistic View <b>2019</b> , 55-106		5
131	Single crystal investigation of the YbAl <sub>2</sub> compound. <i>Ukrainian Chemical Journal</i> , <b>2019</b> , 85, 25-30	0.5	
130	Crystal and Magnetic Structures of the Chain Antiferromagnet CaFeAl. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 5820-5829	5.1	2
129	Revealing Electronic Influences in the Semihydrogenation of Acetylene. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 21891-21896	3.8	20
128	Crystal structure of Ga <sub>0.62(3)</sub> Sb <sub>0.38(3)</sub> Pd <sub>3</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2018</b> , 233, 87-88	0.2	
127	Crystal structure of Ga <sub>0.47(1)</sub> Sb <sub>0.53(1)</sub> Pd <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2018</b> , 233, 89-90	0.2	

126	The First Ternary Phase in the Ga <sub>n</sub> B <sub>n</sub> Pd System: Synthesis, Crystal Structure, and Catalytic Properties of Ga <sub>2+x+y</sub> Sn <sub>4</sub> Pd <sub>9</sub> . <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 3542-3550	2.3	9
125	Novel Ternary Stannides and Plumbides of Rare-Earth Metals and Titanium with ZrFe <sub>6</sub> Ge <sub>4</sub> -Type Structures. <i>Solid State Phenomena</i> , <b>2016</b> , 257, 56-59	0.4	1
124	Synthesis, Structure and Some Catalytic Properties of the New Trinuclear Rhenium Cluster Compound Re <sub>3</sub> Se <sub>3</sub> S <sub>4</sub> Br <sub>13</sub> . <i>Solid State Phenomena</i> , <b>2016</b> , 257, 227-230	0.4	0
123	The Effect of Different Complexing Agents on the Properties of Zinc Sulfide Thin Films Deposited from Aqueous Solutions. <i>Chemistry and Chemical Technology</i> , <b>2016</b> , 10, 317-323	0.9	5
122	Crystal Structure of the Ternary Compound ErRe <sub>0.25</sub> Ge <sub>2</sub> . <i>Chemistry and Chemical Technology</i> , <b>2016</b> , 10, 1-8	0.9	1
121	Crystal Structure of the Ternary Compound Sc <sub>6</sub> Cu <sub>24.1</sub> Al <sub>11.9</sub> . <i>Solid State Phenomena</i> , <b>2016</b> , 257, 26-29	0.4	3
120	Quaternary Derivatives of the Structure Type BaHg <sub>11</sub> . <i>Solid State Phenomena</i> , <b>2016</b> , 257, 64-67	0.4	
119	Hydrogen absorption in R <sub>2</sub> T <sub>2</sub> M compounds with the W <sub>2</sub> CoB <sub>2</sub> -type structure. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 647, 911-916	5.7	5
118	Electrocrystallization of lead dioxide: Influence of early stages of nucleation on phase composition. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 746, 57-61	4.1	26
117	The new structure type Gd <sub>3</sub> Ni <sub>7</sub> Al <sub>14</sub> . <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2015</b> , 71, 996-1000	0.8	0
116	Substituted Bi-2212 and Bi-2223 HTSC. <i>Solid State Phenomena</i> , <b>2015</b> , 230, 253-258	0.4	
115	The influence of deposition conditions on phase composition of lead dioxide-based materials. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2015</b> , 51, 593-599	0.9	6
114	Crystal Structure and Magnetic Properties of SrNi <sub>2</sub> Sb <sub>2</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2015</b> , 641, 1859-1862	1.3	5
113	Tb <sub>2</sub> Al <sub>3</sub> Ge <sub>3</sub> , a New Partly Disordered Structure Type with Al <sub>3</sub> Triangles. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2014</b> , 640, 2512-2519	1.3	3
112	Synthesis, Crystal Structure Refinement, and Electrical Conductivity of Pb <sub>(8-x)</sub> Na <sub>2</sub> Sm <sub>x</sub> (VO <sub>4</sub> ) <sub>6</sub> O <sub>(x/2)</sub> . <i>Journal of Chemistry</i> , <b>2014</b> , 2014, 1-7	2.3	3
111	Crystal structure of the ternary silicide Gd <sub>2</sub> Re <sub>3</sub> Si <sub>5</sub> . <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, 469-70		0
110	Synthesis and electrical conductivity of crystalline and glassy alloys in the Ag <sub>3</sub> Ge <sub>3</sub> Br-Ge <sub>2</sub> system. <i>Inorganic Materials</i> , <b>2013</b> , 49, 867-871	0.9	14
109	Physicochemical properties and electrochemical behavior of Ebonex/Pt-based materials. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2013</b> , 49, 705-711	0.9	1

108	The Size Factor as Criterion for the Formation of M <sub>14</sub> Cu <sub>24</sub> O <sub>41</sub> Phases. <i>Solid State Phenomena</i> , <b>2013</b> , 200, 79-85	0.4	
107	Ternary aluminides R <sub>0.67</sub> Ni <sub>2</sub> Al <sub>6</sub> (R=Sc, Y, Gd) with partly disordered structures. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 198, 50-56	3.3	7
106	Electrochemical properties of thermally treated platinized Ebonex with low content of Pt. <i>Electrochimica Acta</i> , <b>2013</b> , 109, 630-637	6.7	20
105	Solid-State Catalysts Based on Bentonites and Pd(II) Cu(II) Complexes for Low-Temperature Carbon Monoxide Oxidation. <i>Solid State Phenomena</i> , <b>2013</b> , 200, 299-304	0.4	7
104	Regularities in the Crystal Structures of Heterocationic Octacyanometallates(IV) Molybdenum and Tungsten. <i>Chemistry and Chemical Technology</i> , <b>2013</b> , 7, 369-374	0.9	0
103	Magnetic and electrical properties of EuPdGe <sub>3</sub> . <i>Solid State Communications</i> , <b>2012</b> , 152, 839-841	1.6	13
102	Osmium thioselenochloride Os <sub>2</sub> S <sub>6</sub> Se <sub>2</sub> Cl <sub>8</sub> : Synthesis, cluster isolation, and structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2012</b> , 38, 167-172	1.6	3
101	R <sub>4</sub> Ir <sub>13</sub> Ge <sub>9</sub> (R=La, Ce, Pr, Nd, Sm) and R <sub>1</sub> Ir <sub>3</sub> Ge <sub>2</sub> (R=La, Ce, Pr, Nd): Crystal structures with nets of Ir atoms. <i>Journal of Solid State Chemistry</i> , <b>2012</b> , 196, 72-78	3.3	4
100	Interstitial solid solution Hf <sub>5</sub> GaxSn <sub>3</sub> (x=0). <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 512, 246-251	5.7	3
99	Interaction of Vanadium with Iron and Antimony at 870 and 1070 K. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 2588-2595	2.3	11
98	Crystal Structure of Hf <sub>2</sub> GaSb <sub>3</sub> . <i>Solid State Phenomena</i> , <b>2012</b> , 194, 1-4	0.4	
97	Crystal structures of three complexes structurally similar to K <sub>2</sub> TbW(CN) <sub>8</sub> ·7H <sub>2</sub> O. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2011</b> , 37, 223-227	1.6	1
96	Crystal structure of osmium selenobromide OsSe <sub>2</sub> Br <sub>12</sub> . <i>Russian Journal of Inorganic Chemistry</i> , <b>2011</b> , 56, 387-391	1.5	
95	Phase relations in the Ag <sub>8</sub> Sn <sub>6</sub> -Ag <sub>2</sub> Sn <sub>3</sub> -AgBr system and crystal structure of Ag <sub>6</sub> Sn <sub>4</sub> Br <sub>2</sub> . <i>Inorganic Materials</i> , <b>2010</b> , 46, 590-597	0.9	5
94	Electrical conductivity of Ag <sub>8</sub> Sn <sub>6</sub> -Ag <sub>2</sub> Sn <sub>3</sub> -AgBr alloys. <i>Inorganic Materials</i> , <b>2010</b> , 46, 707-710	0.9	4
93	The first nonaselenium ring. <i>Chemical Communications</i> , <b>2010</b> , 46, 4520-2	5.8	14
92	Features of an intermetallic n-ZrNiSn semiconductor heavily doped with atoms of rare-earth metals. <i>Semiconductors</i> , <b>2010</b> , 44, 293-302	0.7	13
91	New compounds RNiAl <sub>3</sub> (R = Gd, Tb, Dy). <i>Chemistry of Metals and Alloys</i> , <b>2010</b> , 3, 35-41	1	5

90	Crystal structure of potassium dysprosium octacyanotungstate(IV) heptahydrate. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 15-18	1.6	5
89	Crystal structure of lanthanum potassium octacyanomolybdate(IV) nonahydrate. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 920-924	1.6	5
88	Phase equilibria in the ErAlSi system at 873 K. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , <b>2009</b> , 33, 23-26	1.9	13
87	Crystal structure and magnetic properties of Dy <sub>4</sub> Ni <sub>12</sub> Sn <sub>25</sub> compound. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 453, L8-L10	5.7	5
86	Crystal structure of new ternary RE <sub>1.9</sub> Cu <sub>9.2</sub> Sn <sub>2.8</sub> compounds (RE = Y, Ce, Pr, Nd, Sm, Gd, Tb, Dy, Ho, Er, Tm, Yb, and Lu). <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 460, 283-288	5.7	3
85	Nd <sub>11</sub> Pd <sub>4</sub> In <sub>9</sub> compound – A new member of the homological series based on AlB <sub>2</sub> and CsCl types. <i>Intermetallics</i> , <b>2008</b> , 16, 625-628	3.5	20
84	Dy <sub>2</sub> Ni <sub>7</sub> Sn <sub>3</sub> : a new member of the CaCu <sub>5</sub> family of intermetallics. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2008</b> , 64, i45-6		5
83	Growth, structure and physical properties of single crystals of pure and Pb-doped Bi-based high T <sub>c</sub> superconductors. <i>Current Applied Physics</i> , <b>2008</b> , 8, 115-119	2.6	45
82	Tb <sub>0.67</sub> PdAl <sub>3</sub> and Gd <sub>1.33</sub> Pt <sub>3</sub> Al <sub>8</sub> with layers of rare-earth-metal atoms and Al-atom triangles. <i>Chemistry of Metals and Alloys</i> , <b>2008</b> , 1, 303-316	1	22
81	Simultaneous Addition of B <sub>4</sub> C + SiC to MgB <sub>2</sub> Wires and Consequences for J <sub>c</sub> and B <sub>irr</sub> . <i>IEEE Transactions on Applied Superconductivity</i> , <b>2007</b> , 17, 2846-2849	1.8	23
80	Critical Current Anisotropy and Texture Gradients in ex situ MgB <sub>2</sub> /Fe Tapes. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2007</b> , 17, 2834-2837	1.8	2
79	Structural Refinement and Homogeneity Range of Sm <sub>6</sub> Al <sub>3</sub> Si. <i>Solid State Phenomena</i> , <b>2007</b> , 130, 101-106	0.4	
78	The influence of the lanthanide element on the magnetic properties of the R <sub>2</sub> (Co,Ga) <sub>17</sub> alloys. <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 442, 331-333	5.7	1
77	Crystal structure of the ternary R <sub>3</sub> Ag <sub>4</sub> Sn <sub>4</sub> stannides (R=Y, Gd, Tb, Dy, Ho) with Gd <sub>3</sub> Cu <sub>4</sub> Ge <sub>4</sub> -type structure. <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 443, 68-70	5.7	6
76	Crystal structure and magnetic properties of the Y <sub>2</sub> Co <sub>17</sub> Ga <sub>x</sub> phases. <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 442, 341-344	5.7	2
75	Magnetic properties of the Tb <sub>2+x</sub> Co <sub>17</sub> Si <sub>y</sub> alloys. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2006</b> , 300, 221-223	2.8	2
74	Texture gradients in Fe-sheathed ex situ produced MgB <sub>2</sub> tapes. <i>Superconductor Science and Technology</i> , <b>2006</b> , 19, 286-289	3.1	19
73	CrB-Type Phases in the Tb-Zr-Al-Si System. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2006</b> , 632, 2345-2349	1.3	1

72	Er <sub>5</sub> Ni <sub>3</sub> Al <sub>3</sub> Ge <sub>4</sub> : a quaternary variant of the NbCoB type. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2006</b> , 62, i29-31		3
71	Dy <sub>2</sub> AlGe <sub>2</sub> . <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, i55-i57		6
70	Crystal structures of the compounds Sm <sub>2</sub> AlGe <sub>3</sub> and Tb <sub>2</sub> AlGe <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 397, 74-78	5-7	9
69	Crystal structures of the compounds PrAl <sub>2</sub> Si <sub>2</sub> , Pr <sub>3</sub> Al <sub>4</sub> Si <sub>6</sub> and PrAlSi <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 402, 66-69	5-7	8
68	Interaction of the components in the systems CeAgBi at 500°C and EuAgBi at 400°C. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 396, 212-216	5-7	5
67	Bi-Based Superconducting Cuprates: Materials Aspects, Crystal Growth and Properties <b>2005</b> , 739-764		4
66	Quantitative study of the inhomogeneous distribution of phases in Fe-sheathed ex situ MgB <sub>2</sub> tapes. <i>Superconductor Science and Technology</i> , <b>2005</b> , 18, 753-757	3-1	20
65	Anisotropy of J <sub>c</sub> in ex situ MgB <sub>2</sub> /Fe monofilamentary tapes. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2005</b> , 15, 3196-3199	1-8	19
64	. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2005</b> , 15, 3102-3105	1-8	2
63	Luminescent kinetic characteristics of lead-containing aggregates dispersed in Rb <sub>1-x</sub> Cs <sub>x</sub> Cl (x=0.05-0.2) matrices. <i>Journal of Physics Condensed Matter</i> , <b>2004</b> , 16, 483-490	1-8	4
62	Structural origin of the low superconducting anisotropy of Bi <sub>1.7</sub> Pb <sub>0.4</sub> Sr <sub>2</sub> Ca <sub>0.9</sub> Cu <sub>2</sub> O <sub>8</sub> crystals. <i>Physical Review B</i> , <b>2004</b> , 70,	3-3	27
61	Growth and characterization of Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10</sub> and (Bi,Pb) <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10</sub> single crystals. <i>Superconductor Science and Technology</i> , <b>2004</b> , 17, 220-226	3-1	33
60	Growth, structure, and superconducting properties of Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10</sub> and (Bi,Pb) <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10-y</sub> crystals. <i>Crystal Research and Technology</i> , <b>2004</b> , 39, 926-931	1-3	1
59	Influence of PbF <sub>2</sub> and MoO <sub>3</sub> on properties of PbWO <sub>4</sub> crystals. <i>Radiation Measurements</i> , <b>2004</b> , 38, 563-566		5
58	X-ray powder diffraction analysis and initial Rietveld characterization of SmAlSi and SmAlGe. <i>Powder Diffraction</i> , <b>2004</b> , 19, 359-361	1-8	2
57	Unsubstituted Tl-1223: a possible candidate for high current applications of superconductivity. <i>Physica C: Superconductivity and Its Applications</i> , <b>2001</b> , 351, 53-57	1-3	12
56	Isothermal section of the PrAgTe phase diagram at 873 K and crystal structure of new ternary germanides. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 314, 167-169	5-7	2
55	New Bi-based high-T <sub>c</sub> superconducting phases obtained by low-temperature fluorination. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 329, 267-278	1-3	24

54	Crystal Structures of Classical Superconductors <b>2000</b> , 109-250		
53	The La <sub>1-x</sub> Ag system: isothermal section at 700°C and hardness of the intermetallic phases. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 313, L19-L22	5.7	0
52	Crystal structures of PrAl <sub>x</sub> Ge <sub>2-x</sub> compounds. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 296, 265-271	5.7	10
51	Crystal Structures of High-Tc Superconducting Cuprates <b>2000</b> , 267-431		6
50	Preparation of highly textured Tl(1223)/Ag superconducting tapes. <i>IEEE Transactions on Applied Superconductivity</i> , <b>1999</b> , 9, 1783-1786	1.8	2
49	Fluorine Substitution in High Temperature Superconductors. <i>International Journal of Modern Physics B</i> , <b>1999</b> , 13, 973-978	1.1	6
48	The Pr(Ba <sub>1-x</sub> Pr <sub>x</sub> ) <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> solid solution.: A crystal structure and phase diagram study. <i>Physica C: Superconductivity and Its Applications</i> , <b>1999</b> , 321, 151-161	1.3	16
47	A new structural model for Pb-deficient PbWO <sub>4</sub> . <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 284, 104-107	5.7	55
46	Preparation of High - Purity Tl(1223) Ceramics. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1998</b> , 11, 109-110		4
45	Textured Tl(1223)/Ag Tapes Prepared by Electrophoretic Deposition. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1998</b> , 11, 77-78		1
44	Methods to Produce Tl(1223) Tapes with Improved Properties. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1998</b> , 11, 23-26		5
43	Phase Formation and Grain Growth Kinetics of High-Tc Superconducting Tl-1223 Ceramics. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1998</b> , 11, 97-101		1
42	Angular Dependence of Critical Currents in Silver-Sheathed Tl-1223 Tapes. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1998</b> , 11, 115-116		1
41	Transport and Magnetic AC Losses in Ag/Tl-1223 Tape and the Effect of Mechanical Damage. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1998</b> , 11, 145-146		
40	Tl/Pb and Sr/Ba cuprates of type 1212: compositional effect on the purity and on the superconducting properties. <i>Physica C: Superconductivity and Its Applications</i> , <b>1998</b> , 297, 201-210	1.3	9
39	Synthesis and properties of fluorine-doped Tl(1223): bulk materials and Ag-sheathed tapes. <i>Superconductor Science and Technology</i> , <b>1998</b> , 11, 810-816	3.1	11
38	Mono- and multifilamentary Ag-sheathed Tl(1223) tapes. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , <b>1997</b> , 19, 1117-1122		4
37	Effect of air-annealing on the solubility of Pb in the Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8-x</sub> phase. <i>Physica C: Superconductivity and Its Applications</i> , <b>1997</b> , 274, 66-72	1.3	13

36	Structure of Y <sub>3</sub> TaNi <sub>6</sub> +xAl <sub>2</sub> : a filled-up substitution variant of the BaHg <sub>11</sub> type. <i>Journal of Alloys and Compounds</i> , <b>1996</b> , 240, 266-271	5-7	13
35	Effect of Ba substitution on the crystal structure and superconducting properties of Tl(1212). <i>European Physical Journal D</i> , <b>1996</b> , 46, 1413-1414		2
34	Structural refinements on high-T <sub>c</sub> superconductor Tl <sub>0.5</sub> Pb <sub>0.5</sub> Sr <sub>2</sub> BaxCa <sub>2</sub> Cu <sub>3</sub> O <sub>9</sub> <i>European Physical Journal D</i> , <b>1996</b> , 46, 1415-1416		2
33	Magnetic and thermal properties of the 116 K superconductor Tl-1223. <i>Physica C: Superconductivity and Its Applications</i> , <b>1996</b> , 264, 233-249	1-3	25
32	Modulated structure of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ a high-T <sub>c</sub> superconductor with monoclinic symmetry. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1996</b> , 52, 38-53		38
31	AC losses and critical currents in Ag/(Tl,Pb,Bi)-1223 tape. <i>Physica C: Superconductivity and Its Applications</i> , <b>1996</b> , 260, 93-102	1-3	20
30	Structural characterization and superconducting properties of (Tl <sub>0.5</sub> Pb <sub>0.5</sub> )(Sr <sub>2</sub> Bax)Ca <sub>2</sub> Cu <sub>3</sub> O <sub>9</sub> <i>Physica C: Superconductivity and Its Applications</i> , <b>1996</b> , 267, 93-105	1-3	23
29	Effect of pressure on the electrical resistivity of a 116 K Tl-1223 superconducting ceramic. <i>Physica C: Superconductivity and Its Applications</i> , <b>1996</b> , 272, 21-25	1-3	4
28	Crystal structures of ytterbium iron aluminium, YbFexAl <sub>12-x</sub> (x = 3.08 and 4.56). <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1996</b> , 211, 217-218	1	1
27	Preparation by in-situ reaction and physical characterization of Ag(Au) and Ag(Pd) sheathed (Tl, Pb, Bi) (Sr, Ba) <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>9</sub> tapes. <i>Physica C: Superconductivity and Its Applications</i> , <b>1995</b> , 255, 113-123	1-3	29
26	Crystal structure of Fe <sub>4</sub> Ti <sub>0.93</sub> Al <sub>12.07</sub> , a substitutional variant of the Fe <sub>4</sub> Al <sub>13</sub> structure type. <i>Journal of Alloys and Compounds</i> , <b>1995</b> , 219, 135-138	5-7	7
25	Peculiarities of the interaction of ytterbium with transition metals (Cr,Mn) and aluminium. <i>Journal of Alloys and Compounds</i> , <b>1995</b> , 219, 219-221	5-7	8
24	. <i>IEEE Transactions on Applied Superconductivity</i> , <b>1995</b> , 5, 1150-1153	1.8	9
23	Structure Refinement of Orthorhombic MnAl <sub>3</sub> . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1995</b> , 51, 792-794		16
22	Monoclinic Y <sub>2</sub> Al <sub>3</sub> Si <sub>2</sub> with a new structure type. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1994</b> , 50, 1377-1379		7
21	Hexagonal Yb <sub>6</sub> Cr <sub>4</sub> +xAl <sub>43</sub> (x = 1.76) with a new structure type. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1994</b> , 50, 1529-1531		6
20	Standardization of crystal structure data as an aid to the classification of crystal structure types. <i>Journal of Alloys and Compounds</i> , <b>1993</b> , 197, 291-301	5-7	59
19	Crystal structure of holmium platinum digermanium, HoPtGe <sub>2</sub> with YIrGe <sub>2</sub> type. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1993</b> , 205, 321-322	1	7



18	Crystal structure of digadolinium triiridium nonaaluminium, Gd <sub>2</sub> Ir <sub>3</sub> Al <sub>9</sub> with Y <sub>2</sub> Co <sub>3</sub> Ga <sub>9</sub> type. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1993</b> , 203, 113-114	1	2
17	Structure of Gd <sub>3</sub> Ru <sub>4</sub> Al <sub>12</sub> , a new member of the EuMg <sub>5.2</sub> structure family with minority-atom clusters. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1993</b> , 49, 474-478		55
16	Structure of RNi <sub>3</sub> Al <sub>9</sub> (R = Y, Gd, Dy, Er) with either ordered or partly disordered arrangement of Al-atom triangles and rare-earth-metal atoms. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1993</b> , 49, 468-474		70
15	The Standardization of Crystal Structure Data <b>1993</b> , 5-40		
14	Crystal structure of scandium nickel dialuminium, ScNiAl <sub>2</sub> with MgCuAl <sub>2</sub> type. <i>Zeitschrift Für Kristallographie</i> , <b>1992</b> , 198, 291-292		8
13	Crystal structure of ytterbium rhodium germanium, YbRhGe with TiNiSi type. <i>Zeitschrift Für Kristallographie</i> , <b>1992</b> , 198, 175-176		1
12	Er <sub>2</sub> RhSi <sub>3</sub> and R <sub>2</sub> CoGa <sub>3</sub> (R = Y, Tb, Dy, Ho, Er, Tm, Yb) with Lu <sub>2</sub> CoGa <sub>3</sub> type structure: new members of the A1B2 structure family. <i>Journal of Alloys and Compounds</i> , <b>1992</b> , 189, 221-228	5-7	62
11	Crystal structure of ytterbium nickel dialuminium, YbNiAl <sub>2</sub> with MgCuAl <sub>2</sub> type. <i>Zeitschrift Für Kristallographie</i> , <b>1992</b> , 199, 316-317		4
10	Ce <sub>5</sub> RuGe <sub>2</sub> with a Y <sub>2</sub> Hf <sub>5</sub> S <sub>5</sub> anti-type structure, an ordered substitution variant of orthorhombic Yb <sub>5</sub> Sb <sub>3</sub> . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 221-225		8
9	Y <sub>2</sub> Co <sub>3</sub> Al <sub>9</sub> with Y <sub>2</sub> Co <sub>3</sub> Ga <sub>9</sub> type structure: an intergrowth of CsCl- and Th <sub>3</sub> Pd <sub>5</sub> -type slabs. <i>Journal of Alloys and Compounds</i> , <b>1992</b> , 182, 165-170	5-7	18
8	The crystal structure of orthorhombic Gd <sub>3</sub> Ni <sub>5</sub> Al <sub>19</sub> , a new representative of the structure series R <sub>2</sub> +mT <sub>4</sub> +mAl <sub>15</sub> +4m. <i>Journal of Solid State Chemistry</i> , <b>1992</b> , 100, 9-15	3-3	35
7	Crystal structure of tetragadolinium hexanickel icosatresaluminium, Gd <sub>4</sub> Ni <sub>6</sub> Al <sub>23</sub> with Y <sub>4</sub> Ni <sub>6</sub> Al <sub>23</sub> type. <i>Zeitschrift Für Kristallographie</i> , <b>1992</b> , 198, 171-172		14
6	Ce <sub>3</sub> Rh <sub>2</sub> Ge <sub>2</sub> and isotypes with the orthorhombic La <sub>3</sub> Ni <sub>2</sub> Ga <sub>2</sub> type. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 10-13		9
5	Structure of monoclinic Y <sub>4</sub> Ni <sub>6</sub> Al <sub>23</sub> . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 232-236		15
4	Monoclinic NdRuSi <sub>2</sub> , a distortion derivative of orthorhombic CeNiSi <sub>2</sub> . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 225-228		9
3	Structure of orthorhombic YNiAl <sub>3</sub> . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 229-232		8
2	LaNi <sub>2</sub> Al <sub>3</sub> , a ternary substitution variant of the orthorhombic BaZn <sub>5</sub> type. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1992</b> , 48, 389-392		5
1	New ternary holmium-transition metal-germanides: Ho <sub>2</sub> OsGe <sub>2</sub> of Sc <sub>2</sub> CoSi <sub>2</sub> type and Ho <sub>3</sub> Pd <sub>4</sub> Ge <sub>4</sub> of Gd <sub>3</sub> Cu <sub>4</sub> Ge <sub>4</sub> type. <i>Journal of Alloys and Compounds</i> , <b>1991</b> , 176, 329-335	5-7	17

