

# Volodymyr Babizhetskyy

## List of Publications by Citations

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169  
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916  
ext. citations

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L-index

#	Paper	IF	Citations
120	Strong electron-phonon coupling in the rare-earth carbide superconductor La <sub>2</sub> C <sub>3</sub> . <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	34
119	Mn <sub>5</sub> Si <sub>3</sub> -type host-interstitial boron rare-earth metal silicide compounds RE <sub>5</sub> Si <sub>3</sub> : Crystal structures, physical properties and theoretical considerations. <i>Journal of Solid State Chemistry</i> , <b>2006</b> , 179, 2310-2328	3.3	26
118	The ternary RE <sub>2</sub> Si <sub>2</sub> B systems (RE=Dy, Ho, Er and Y) at 1270K: Solid state phase equilibria and magnetic properties of the solid solution RE <sub>2</sub> Si <sub>2</sub> B <sub>1-x</sub> Si <sub>x</sub> (RE=Dy and Ho). <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 417, 72-84	5.7	25
117	Gd <sub>5</sub> Si <sub>2</sub> B <sub>8</sub> : a ternary rare-earth-metal silicide boride compound. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 1979-83	16.4	24
116	Solid state phase equilibria in the Gd <sub>2</sub> Si <sub>2</sub> B system at 1270K. <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 415-424	3.3	23
115	Crystal structures, physical properties and NMR experiments on the ternary rare-earth metal silicide boride compounds RE <sub>5</sub> Si <sub>2</sub> B <sub>8</sub> (RE=Y, Sm, Gd, Tb, Dy, Ho). <i>Journal of Solid State Chemistry</i> , <b>2005</b> , 178, 1851-1863	3.3	23
114	Li <sub>80</sub> Ba <sub>39</sub> N <sub>9</sub> : the first Li/Ba subnitride. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 10786-9	5.1	22
113	Solid state phase equilibria in the ternary Nd <sub>2</sub> Si <sub>2</sub> B system at 1270 K. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 415, 73-84	5.7	21
112	Li <sub>26</sub> clusters in the compound Li <sub>13</sub> Na <sub>29</sub> Ba <sub>19</sub> . <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 6051-6054	16.4	20
111	Crystal Structure of Ni <sub>5</sub> P <sub>2</sub> . <i>Inorganic Materials</i> , <b>2004</b> , 40, 380-385	0.9	20
110	Structural chemistry, magnetism and electrical properties of binary Gd silicides and Ho <sub>3</sub> Si <sub>4</sub> . <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 407, 25-35	5.7	19
109	Double-icosahedral Li clusters in a new binary compound Ba <sub>19</sub> Li <sub>44</sub> : a reinvestigation of the Ba-Li phase diagram. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 5425-8	5.1	18
108	Boron-silicon solid solution: synthesis and crystal structure of a carbon-doped boron-rich Si <sub>3</sub> B <sub>n</sub> (n~30) compound. <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 4167-4174	3.3	18
107	B <sub>5</sub> C <sub>5</sub> Anionic Molecules Trapped in a Solid Matrix: The Crystal and Electronic Structures of LaBC. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 1041-1046	1.3	18
106	Icosahedral Li clusters in the structures of Li <sub>33.3</sub> Ba <sub>13.1</sub> Ca <sub>3</sub> and Li <sub>18.9</sub> Na <sub>8.3</sub> Ba <sub>15.3</sub> . <i>Journal of Solid State Chemistry</i> , <b>2007</b> , 180, 3302-3309	3.3	17
105	The ytterbium-copper-aluminium system. <i>Journal of Alloys and Compounds</i> , <b>1993</b> , 190, 161-164	5.7	16
104	Synthesis and crystal structure of LiBa <sub>2</sub> N and identification of LiBa <sub>3</sub> N. <i>Journal of Solid State Chemistry</i> , <b>2007</b> , 180, 1889-1893	3.3	15

103	New ternary rare-earth metal boride carbides R <sub>15</sub> B <sub>4</sub> C <sub>14</sub> (R=Y, Gd) containing BC <sub>2</sub> units: Crystal and electronic structures, magnetic properties. <i>Journal of Solid State Chemistry</i> , <b>2010</b> , 183, 2343-2351	3-3	14
102	Crystal Chemistry of Defective Intermetallics with Empty Triangular Metalloid Channels: The New Phosphide Zr <sub>6</sub> Cr <sub>60</sub> P <sub>39</sub> . <i>Journal of Solid State Chemistry</i> , <b>1999</b> , 144, 277-286	3-3	14
101	Crystal structure of Tb <sub>16</sub> Ni <sub>36</sub> P <sub>22</sub> and isotypic lanthanoid nickel phosphides. <i>Journal of Alloys and Compounds</i> , <b>1997</b> , 259, 186-190	5-7	13
100	Preparation and crystal structure of the La <sub>2</sub> Ni <sub>12</sub> P <sub>5</sub> and isotypic ternary lanthanoid nickel phosphides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1993</b> , 619, 587-592	1-3	13
99	New arsenides LnAgAs <sub>2</sub> (Ln=La, Ce, Pr, Nd, Sm, Gd, Tb, Dy) and their crystal structure. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 315, 158-163	5-7	12
98	Interaction of lanthanum or cerium with nickel and arsenic: phase diagrams and structural chemistry. <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 287, 174-180	5-7	12
97	Novel Quaternary TlGaSn <sub>2</sub> Se <sub>6</sub> Single Crystal as Promising Material for Laser Operated Infrared Nonlinear Optical Modulators. <i>Crystals</i> , <b>2017</b> , 7, 341	2-3	11
96	Crystal chemistry and physical properties of the ternary compounds R <sub>10</sub> B <sub>9</sub> C <sub>12</sub> (R=La, Ce, Pr, Nd). <i>Solid State Sciences</i> , <b>2007</b> , 9, 1126-1134	3-4	10
95	Li <sub>26</sub> -Cluster in der Verbindung Li <sub>13</sub> Na <sub>29</sub> Ba <sub>19</sub> . <i>Angewandte Chemie</i> , <b>2006</b> , 118, 6197-6200	3-6	10
94	Crystal structure of the rare earth borosilicide Er <sub>8</sub> Si <sub>17</sub> B <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2003</b> , 353, 233-239	5-7	10
93	Thallium indium germanium sulphide (TlInGe <sub>2</sub> S <sub>6</sub> ) as efficient material for nonlinear optical application. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 735, 1694-1702	5-7	10
92	Single-crystal study of the charge density wave metal LuNiC <sub>2</sub> . <i>Physical Review B</i> , <b>2018</b> , 97,	3-3	10
91	Magnetic properties of HoCoC <sub>2</sub> , HoNiC <sub>2</sub> and their solid solutions. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 441, 69-75	2-8	9
90	Structure and bonding of superconducting LaC <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2014</b> , 26, 025701	1-8	9
89	Structural, electronic and magnetic properties of layered REB <sub>2</sub> C compounds (RE=Dy, Tm, Lu). <i>Journal of Solid State Chemistry</i> , <b>2012</b> , 191, 121-128	3-3	9
88	Crystal structure of HT-Ni <sub>5</sub> P <sub>2</sub> and reinvestigation of isotypic Ni <sub>5</sub> As <sub>2</sub> . <i>Intermetallics</i> , <b>2011</b> , 19, 1041-1046	3,5	9
87	Single Crystal Investigation and Physical Properties of the Binary Compound CeB <sub>4</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2007</b> , 62, 896-900	1	9
86	New quaternary thallium indium germanium selenide TlInGe <sub>2</sub> Se <sub>6</sub> : Crystal and electronic structure. <i>Journal of Solid State Chemistry</i> , <b>2017</b> , 254, 103-108	3-3	8

85	Synthesis and Crystal Structure of the New Quaternary Subnitride Na <sub>15</sub> Li <sub>8</sub> Ba <sub>12</sub> N <sub>6</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 2296-2299	1.3	8
84	Erbium-rich region of the ternary Er <sub>1-x</sub> Ni <sub>x</sub> Sb system: Solid state phase equilibria at 1073K and crystal structures of the new ternary compound Er <sub>5</sub> Sb <sub>3</sub> Ni <sub>x</sub> (x=0.48) and both modifications of Er <sub>5</sub> Sb <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 437, 133-139	5.7	8
83	Ternary rare-earth nickel arsenides of Sm <sub>20</sub> Ni <sub>42</sub> P <sub>31</sub> -type structure: Structural chemistry and physical properties. <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	8
82	Metal Site Doping in the Narrow-Gap FeGa <sub>3</sub> Semiconductor. <i>Materials Science</i> , <b>2013</b> , 49, 211-219	0.7	7
81	X-ray investigation of the Y <sub>2</sub> R <sub>2</sub> Ni system at 870K. <i>Intermetallics</i> , <b>2013</b> , 38, 44-48	3.5	7
80	Alloy Systems and Compounds Containing Rare Earth Metals and Carbon. <i>Fundamental Theories of Physics</i> , <b>2017</b> , 1-263	0.8	7
79	Crystal and electronic structure and physical properties of Ni <sub>5</sub> P <sub>4</sub> . <i>Solid State Communications</i> , <b>2013</b> , 164, 1-5	1.6	7
78	Crystal chemistry and physical properties of the ternary compounds RE <sub>5</sub> B <sub>4</sub> C <sub>5</sub> (RE=Ce, Pr, Nd). <i>Journal of Physics and Chemistry of Solids</i> , <b>2009</b> , 70, 561-566	3.9	7
77	New examples of ternary rare-earth metal boride carbides containing finite boron-carbon chains: The crystal and electronic structure of RE <sub>15</sub> B <sub>6</sub> C <sub>20</sub> (RE=Pr, Nd). <i>Journal of Solid State Chemistry</i> , <b>2008</b> , 181, 1882-1890	3.3	7
76	Ternary rare-earth nickel arsenides R <sub>3</sub> Ni <sub>7</sub> As <sub>5</sub> (R=La, Ce, Pr, Nd, Sm) with a new variant of the BaAl <sub>4</sub> -type: crystal structure and physical properties. <i>Journal of Solid State Chemistry</i> , <b>2003</b> , 172, 265-276	3.3	7
75	Crystal Structure of the Terbium Borocarbide Tb <sub>2</sub> B <sub>2</sub> C <sub>3</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2008</b> , 63, 929-933	1	6
74	Ternary rare earth metal boride carbides containing two-dimensional boron-carbon network: The crystal and electronic structure of R <sub>2</sub> B <sub>4</sub> C (R=Tb, Dy, Ho, Er). <i>Journal of Solid State Chemistry</i> , <b>2007</b> , 180, 3515-3520	3.3	6
73	Darstellung und Kristallstruktur der Phasen Li <sub>26</sub> Na <sub>58</sub> Ba <sub>38</sub> Ex (E = N, H; x = 0-1). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 849-852	1.3	6
72	Ordered Atomic Distribution in the Structure of TiCrP. <i>Inorganic Materials</i> , <b>2002</b> , 38, 905-906	0.9	6
71	Kristall- und Realstrukturuntersuchungen zur wiederkehrenden Supraleitung in La <sub>5</sub> B <sub>2</sub> C <sub>6</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 316-326	1.3	6
70	Evolution of magnetic properties in the solid solution DyCo <sub>1-x</sub> Ni <sub>x</sub> C <sub>2</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 374, 553-558	2.8	5
69	Interaction of tantalum, chromium, and phosphorus at 1070 K: Phase diagram and structural chemistry. <i>Journal of Solid State Chemistry</i> , <b>2016</b> , 235, 50-57	3.3	5
68	Structural, Electronic, and Physical Properties of Solid-State Rare-Earth Boride Carbides. <i>Fundamental Theories of Physics</i> , <b>2018</b> , 53, 145-269	0.8	5

67	Interaction of lanthanum with boron and carbon: phase diagram and structural chemistry. <i>Monatshefte Für Chemie</i> , <b>2014</b> , 145, 869-876	1.4	5
66	Crystal chemistry and physical properties of the ternary compounds REBC (RE = Ce, Pr, Nd). <i>Solid State Sciences</i> , <b>2009</b> , 11, 501-506	3-4	5
65	LixNayBa <sub>14</sub> LiN <sub>6</sub> : New Representatives of the Subnitride Family. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 629-632	1.3	5
64	Intermediate valence behaviour of the ternary cerium-nickel-phosphide Ce <sub>20</sub> Ni <sub>42</sub> P <sub>30</sub> . <i>Physica B: Condensed Matter</i> , <b>2004</b> , 352, 42-47	2.8	5
63	Crystal structure of a new ternary phosphide Y <sub>6</sub> Ni <sub>15</sub> P <sub>10+y</sub> (x=0.08, y=0.18). <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 367, 156-161	5-7	5
62	Deconstructing Sodalite with Hyperbolic Tilings: A PNS Approach. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, 737-742	1.3	4
61	Synthesis, structure and properties of Nd <sub>2</sub> BC containing the trans-dibora[1,3]-butadiene [C=BB=C] unit. <i>Zeitschrift Für Kristallographie</i> , <b>2011</b> , 226, 93-98		4
60	Intermediate valence behaviour of the ternary Cerium-Nickel-Phosphide, Ce <sub>2</sub> Ni <sub>12</sub> P <sub>7</sub> . <i>Solid State Communications</i> , <b>2007</b> , 142, 80-84	1.6	4
59	Tin flux synthesis of rare-earth metal silicide compounds RESi <sub>1.7</sub> (RE = Dy, Ho): a novel ordered structure derived from the AlB <sub>2</sub> type. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2006</b> , 221,	1	4
58	Crystal Structure of the Ternary Arsenide CeNi <sub>1.91</sub> As <sub>1.94</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2002</b> , 57, 1359-1366	1	4
57	1070-K Section of the Yb-Fe-B Phase Diagram. <i>Inorganic Materials</i> , <b>2005</b> , 41, 700-705	0.9	4
56	Structural chemistry, magnetic and electrical properties of ternary rare-earth nickel phosphides, R <sub>20</sub> Ni <sub>42</sub> P <sub>30</sub> (R=Ce, Sm). <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 317-318, 250-253	5-7	4
55	Preparation and crystal structure of the Ni <sub>7</sub> Si <sub>2</sub> P <sub>5</sub> phosphide. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1999</b> , 214,	1	4
54	New cation-disordered quaternary selenides Tl <sub>2</sub> Ga <sub>2</sub> TtSe <sub>6</sub> (Tt=Ge, Sn). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2020</b> , 75, 135-142	1	4
53	Investigations in the ternary praseodymium-boron-carbon system: Solid-state phase diagram and structural chemistry. <i>Solid State Sciences</i> , <b>2015</b> , 47, 73-77	3-4	3
52	Interaction of tantalum, titanium and phosphorus at 1070 K: Phase diagram and structural chemistry. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 732, 777-783	5-7	3
51	Crystal structure and physical properties of the ternary antimonides R <sub>3</sub> Ni <sub>6</sub> Sb <sub>5</sub> , R=Y, Gd, Tb. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 602, 1-7	5-7	3
50	Interaction of yttrium with nickel and phosphorus: Phase diagram and structural chemistry. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 207, 87-93	3-3	3

49	New members of ternary rare-earth metal boride carbides containing finite boron-carbon chains: RE <sub>2</sub> B <sub>14</sub> C <sub>26</sub> (RE=Pr, Nd) and Nd <sub>2</sub> B <sub>12</sub> C <sub>28</sub> . <i>Journal of Solid State Chemistry</i> , <b>2011</b> , 184, 1671-1681	3-3	3
48	Didysprosium hepta-nickel. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, i20		3
47	Lamellar structures in neodymium borides. <i>Journal of Solid State Chemistry</i> , <b>2007</b> , 180, 2775-2784	3-3	3
46	Boron-Carbon Order and Symmetry Control: Single-Crystal X-Ray Study of SmB <sub>2</sub> C <sub>2</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2006</b> , 61, 727-732	1	3
45	Kristallstruktur der neuen ternären Boridcarbide SE <sub>2</sub> BC (SE Pr, Nd). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2006</b> , 632, 2115-2115	1-3	3
44	Crystal structure of Pr <sub>2</sub> B <sub>5</sub> boride. <i>Crystallography Reports</i> , <b>2003</b> , 48, 568-572	0.6	3
43	Crystal structure of discandium dodecanickel heptaphosphide, SC <sub>2</sub> Ni <sub>12</sub> P <sub>7</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>1999</b> , 214, 428	0.2	3
42	Interaction of Samarium with Nickel and Arsenic: Phase Diagram and Structural Chemistry. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2006</b> , 61, 733-740	1	3
41	Crystal structure of dysprosium pentadecanickel nonaboride, Yb <sub>2</sub> Ni <sub>15</sub> B <sub>9</sub> ?. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2005</b> , 220, 1-2	0.2	3
40	Femtosecond Laser-Induced Periodic Surface Structures on 2D Ti-Fe Multilayer Condensates. <i>Nanomaterials</i> , <b>2021</b> , 11,	5-4	3
39	Homogeneity ranges and physical properties of ternary Laves phases R <sub>x</sub> Zr <sub>1-x</sub> Ni <sub>2</sub> (R = Gd, Lu). <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 661, 490-494	5-7	2
38	Synthesis, crystal structure and magnetic properties of R <sub>11</sub> Ni <sub>60</sub> C <sub>6</sub> (R = Tb, Dy) compounds. <i>Journal of Physics and Chemistry of Solids</i> , <b>2018</b> , 122, 189-197	3-9	2
37	Redetermination of dysprosium trinickel from single-crystal X-ray data. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, i83		2
36	New Ternary Boride Carbides RE <sub>10</sub> B <sub>9</sub> +x C <sub>10</sub> (RE = Gd, Tb; x [0,2]): Infinite Boron Carbon Branched Chains. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2010</b> , 636, 1229-1235	1-3	2
35	Structural chemistry and physical properties of ternary compounds R <sub>6</sub> Ni <sub>15</sub> As <sub>10</sub> , R=Y, Sm, Gd, Tb, Dy. <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 413, 17-25	5-7	2
34	Refinement of the crystal structure of barium tetralithium, BaLi <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2006</b> , 221, 434	0.2	2
33	Solid solution of Ni in ErB <sub>4</sub> and its crystal structure. <i>Journal of Alloys and Compounds</i> , <b>2004</b> , 377, 117-120	5-7	2
32	Influence of doping elements (Cu and Fe) on the crystal structure and electrical resistivity of YNi <sub>3</sub> and Y <sub>0.95</sub> Ni <sub>2</sub> . <i>Chemistry of Metals and Alloys</i> , <b>2011</b> , 4, 152-159	1	2

31	Phase equilibria in the system CeNi <sub>2</sub> C at 800°C in the range 0-33.3 at.% Ce and new isostructural compounds R <sub>2</sub> Ni <sub>5</sub> C <sub>3</sub> (R = Pr, Nd). <i>Chemistry of Metals and Alloys</i> , <b>2016</b> , 9, 34-41	1	2
30	Investigation in the ternary Ta-Ni-P system: Solid state phase equilibria at T=1070 K, crystal and electronic structures of new ternary phosphides. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 864, 158122	5.7	2
29	Phase equilibria in the TaMn <sub>2</sub> P system and crystal structure of ternary phosphides, representative of OsGe <sub>2</sub> -type structure. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 277, 77-82	3.3	1
28	A new ternary carbide Dy <sub>2</sub> Mn <sub>2</sub> C <sub>5</sub> (x=0.6): Preparation, crystal structure, and physical properties. <i>Journal of Physics and Chemistry of Solids</i> , <b>2015</b> , 79, 72-77	3.9	1
27	A new ternary silicide GdFe <sub>10</sub> Si <sub>2</sub> (x=0.32): preparation, crystal and electronic structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2020</b> , 75, 217-223	1	1
26	Tm <sub>4</sub> B <sub>3</sub> C <sub>4</sub> : Preparation, crystal structure and physical properties. <i>Solid State Communications</i> , <b>2012</b> , 152, 1531-1534	1.6	1
25	Crystal structure of neodymium palladium antimonide, NdPd <sub>0.85</sub> Sb <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2012</b> , 227, 287-288	0.2	1
24	Crystal Structure of the New Ternary Antimonide Ho <sub>5</sub> GaSb <sub>3</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2009</b> , 64, 909-914	1	1
23	The new ternary pnictides Er <sub>12</sub> Ni <sub>30</sub> P <sub>21</sub> and Er <sub>13</sub> Ni <sub>25</sub> As <sub>19</sub> : Crystal structures and magnetic properties. <i>Journal of Solid State Chemistry</i> , <b>2010</b> , 183, 2534-2543	3.3	1
22	Crystal Structure of (V,Mo) <sub>84</sub> P <sub>49</sub> . <i>Inorganic Materials</i> , <b>2004</b> , 40, 700-706	0.9	1
21	Structural chemistry, magnetic and electrical properties of ternary rare-earth nickel phosphides, R <sub>2</sub> Ni <sub>7</sub> P <sub>4</sub> (R=Ce, Pr, Nd). <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 323-324, 498-503	5.7	1
20	SYSTEM TbNi <sub>2</sub> C AT 800 °C. CRYSTAL AND ELECTRONIC STRUCTURE OF TbNiC <sub>2</sub> SINGLE CRYSTAL. <i>Proceedings of the Shevchenko Scientific Society Series Chemical Sciences</i> , <b>2018</b> , 2018, 7-15	0.2	1
19	Synchrotron studies of novel Tb <sub>2</sub> Ni <sub>5</sub> C <sub>3</sub> : Crystal and electronic structure. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 773, 239-243	5.7	1
18	Ternary antimonides Ln <sub>2</sub> Pd <sub>9</sub> Sb <sub>3</sub> (Ln = La, Ce, Nd, Pr, and Sm): Crystal, electronic structure, and magnetic properties. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 815, 152428	5.7	1
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