

# Yaroslav Kalychak

## List of Publications by Citations

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145  
ext. papers

1,348  
ext. citations

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#	Paper	IF	Citations
121	Short hydrogen-hydrogen separations in novel intermetallic hydrides, RE <sub>3</sub> Ni <sub>3</sub> In <sub>3</sub> D <sub>4</sub> (RE=La, Ce and Nd). <i>Journal of Alloys and Compounds</i> , <b>2002</b> , 330-332, 132-140	5.7	84
120	New Indides EuAuIn <sub>2</sub> , EuPdIn <sub>4</sub> , GdRhIn <sub>2</sub> , YbRhIn <sub>4</sub> , and YbPdIn <sub>4</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2000</b> , 55, 834-840	1	51
119	Composition and crystal structure of rare-earth <sub>3</sub> Co <sub>3</sub> In compounds. <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 291, 80-88	5.7	42
118	Rare earth-transition metal hydrides. <i>Fundamental Theories of Physics</i> , <b>2004</b> , 34, 1-133	0.8	40
117	New rare earth metal-rich indides RE <sub>14</sub> Ni <sub>3</sub> In <sub>3</sub> (RE=Sc, Y, Gd, Tm, Lu) synthesis and crystal chemistry. <i>Journal of Solid State Chemistry</i> , <b>2005</b> , 178, 2724-2733	3.3	35
116	A new 1 → infinity [Ni <sub>7</sub> ] cluster in LaNi <sub>7</sub> In <sub>6</sub> and distorted bcc indium cubes in LaNiIn <sub>4</sub> . <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 5343-9	4.8	32
115	Peculiarities of the composition and structure of the compounds of the rare-earth-Ni-In systems. <i>Journal of Alloys and Compounds</i> , <b>1997</b> , 262-263, 341-345	5.7	31
114	The Indium-Rich Intermetallics YbCoIn <sub>5</sub> , YbRhIn <sub>5</sub> , and YbPtIn <sub>4</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2003</b> , 629, 1157-1161	1.3	28
113	Hydrides of the RNiIn (R=La, Ce, Nd) intermetallic compounds: crystallographic characterisation and thermal stability. <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 284, 256-261	5.7	28
112	Crystal structure of R <sub>2</sub> Ni <sub>2</sub> Pb (R=Y, Sm, Gd, Tb, Dy, Ho, Er, Tm, Lu) compounds. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 311, 228-233	5.7	27
111	Ternary Indides RE <sub>4</sub> Pd <sub>10</sub> In <sub>21</sub> (RE = La, Ce, Pr, Nd, Sm) synthesis, Structure, and Physical Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2003</b> , 629, 434-442	1.3	26
110	Crystal structure of the RE <sub>11</sub> Ni <sub>4</sub> In <sub>9</sub> compounds (RE=La, Ce, Pr, Nd, Sm, Gd, Tb and Y). <i>Intermetallics</i> , <b>2010</b> , 18, 929-932	3.5	24
109	A Single Crystal Study of RE <sub>14</sub> Co <sub>3</sub> In <sub>3</sub> (RE = Y, Tb, Dy, Ho, Er). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2006</b> , 61, 23-28	1	24
108	Synthesis, Structure, and Magnetic Properties of CeNiIn <sub>2</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2002</b> , 57, 791-797	1	24
107	Indides LnNiIn <sub>2</sub> (Ln=Pr, Nd, Sm) and Ferromagnetic PrRhIn. <i>Journal of Solid State Chemistry</i> , <b>2000</b> , 152, 560-567	3.3	23
106	Fe <sub>2</sub> Pairs as Structural Units in the Indides RE <sub>12</sub> Fe <sub>2</sub> In <sub>3</sub> (RE = Ho, Er, Tm, Lu). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 724-728	1.3	22
105	Magnetocaloric Behavior in Ternary Europium Indides Eu <sub>5</sub> In: Probing the Design Capability of First-Principles-Based Methods on the Multifaceted Magnetic Materials. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 2599-2614	9.6	20

104	Crystal structure and properties of YbAg <sub>2</sub> In <sub>4</sub> and CaAg <sub>2</sub> In <sub>4</sub> compounds. <i>Journal of Alloys and Compounds</i> , <b>1998</b> , 266, 17-21	5-7	20
103	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
102	R <sub>12</sub> Pt <sub>7</sub> In (R=Ce, Pr, Nd, Gd, Ho) new derivatives of the Gd <sub>3</sub> Ga <sub>2</sub> -type. <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 17-25	3-3	19
101	Non-Fermi liquid behavior in polycrystalline Ce <sub>2</sub> PdIn <sub>8</sub> . <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 2975-2978	3-3	17
100	Synthesis and structures of YNiIn <sub>2</sub> and Y <sub>4</sub> Ni <sub>11</sub> In <sub>20</sub> . <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 1359-1364	3-3	17
99	New compounds with Nd <sub>11</sub> Pd <sub>4</sub> In <sub>9</sub> structure type in the systems RE <sub>11</sub> Pd <sub>4</sub> In <sub>9</sub> (RE=La, Ce, Pr, Nd, Sm, Gd, Tb, Dy). <i>Intermetallics</i> , <b>2014</b> , 49, 14-17	3-5	16
98	Rare earth bickelindides Dy <sub>5</sub> Ni <sub>2</sub> In <sub>4</sub> and RE <sub>4</sub> Ni <sub>11</sub> In <sub>20</sub> (RE=Gd, Tb, Dy). <i>Journal of Solid State Chemistry</i> , <b>2008</b> , 181, 878-883	3-3	16
97	Structural chemistry and magnetic properties of R <sub>11</sub> M <sub>4</sub> In <sub>6</sub> (R = Gd, Tb, Dy, Ho, Er, Y; M = Si, Ge) compounds. <i>Intermetallics</i> , <b>2012</b> , 25, 18-26	3-5	15
96	Large hydrogen capacity in hydrides R <sub>2</sub> Ni <sub>2</sub> In <sub>11</sub> (R=La, Ce, Pr, Nd) with new structure type. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 477, 182-187	5-7	15
95	Crystal structures and magnetic properties of novel compounds Sc <sub>2</sub> CoIn and Sc <sub>100</sub> Co <sub>25</sub> In <sub>7</sub> . <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 731, 222-228	5-7	14
94	New Indides Sc <sub>6</sub> Co <sub>2.18</sub> In <sub>0.82</sub> , Sc <sub>10</sub> Ni <sub>9</sub> In <sub>19.44</sub> And Sc <sub>4</sub> In [Synthesis, Structure, And Crystal Chemistry. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2006</b> , 61, 942-948	1	14
93	Complex three-dimensional platinum-indium networks in the ternary indides Dy <sub>2</sub> Pt <sub>7</sub> In <sub>16</sub> and Tb <sub>6</sub> Pt <sub>12</sub> In <sub>23</sub> . <i>Journal of Solid State Chemistry</i> , <b>2002</b> , 169, 118-124	3-3	14
92	Crystal structure of RNiPb (R=Y, Nd, Sm, Gd, Tb, Dy, Ho, Er, Tm, Lu) compounds. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 313, 42-46	5-7	14
91	New RFe <sub>12</sub> Tax compounds and their related hydrides and carbides (R=Tb to Lu, 0.5<math>x</math><math>0.7</math>). <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 287, 38-44	5-7	14
90	Magnetisation and neutron diffraction studies of HoFe <sub>12</sub> TaxXy (0.5<math>x</math><math>0.7</math>, X=H, C). <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 285, 56-63	5-7	13
89	Magnetic, thermal and electronic properties of Ce <sub>11</sub> Ni <sub>4</sub> In <sub>9</sub> and CeNi <sub>9</sub> In <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 589, 622-627	5-7	12
88	RENi <sub>9</sub> In <sub>2</sub> (RE = Rare-Earth Metal): Crystal Chemistry, Hydrogen Absorption, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 2631-2642	2-3	12
87	Syntheses and Structure of Er <sub>6</sub> Co <sub>2.19</sub> (1)In <sub>0.81</sub> (1). <i>Monatshefte Für Chemie</i> , <b>2007</b> , 138, 101-105	1-4	12

86	Sorption-luminescence method for determination of terbium using Transcarpathian clinoptilolite. <i>Talanta</i> , <b>2017</b> , 174, 486-492	6.2	11
85	Magnetic properties and specific heat of R <sub>2</sub> Ni <sub>2</sub> In (R=Gd-Tm) compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 387, 83-89	2.8	11
84	Magnetic properties and specific heat data of R <sub>11</sub> Ni <sub>4</sub> In <sub>9</sub> (R=Pr, Nd, Sm, Gd and Tb) compounds. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 601, 238-244	5.7	11
83	Synthesis and structure of Yb <sub>2</sub> Pd <sub>6</sub> In <sub>13</sub> . <i>Solid State Sciences</i> , <b>2002</b> , 4, 1293-1298	3.4	11
82	Crystal structure of R <sub>12</sub> Ni <sub>6</sub> Pb (R=Y, La, Pr, Nd, Sm, Gd, Tb, Dy, Ho) and R <sub>12</sub> Co <sub>6</sub> Pb (R=Y, La, Pr, Nd, Sm, Gd) compounds. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 311, 238-240	5.7	11
81	Crystal structure of the new ternary indide CePt <sub>2</sub> In <sub>2</sub> and the isostructural compounds RPt <sub>2</sub> In <sub>2</sub> (R=La, Pr, Nd). <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 296, 280-284	5.7	11
80	Crystal structure and magnetic properties of Dy <sub>11</sub> Ni <sub>4</sub> In <sub>9</sub> . <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 587, 573-577	5.7	10
79	The crystal structure of Sc <sub>5</sub> Co <sub>2</sub> In <sub>4</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2015</b> , 70, 283-287	1	10
78	Transport and magnetic properties of the compounds YbNi <sub>4</sub> In and YbNiIn <sub>4</sub> with valence-unstable Yb. <i>Physics of the Solid State</i> , <b>1999</b> , 41, 1759-1762	0.8	10
77	Structure and magnetism of new R <sub>2</sub> Cu <sub>2</sub> In hydrides (R = Ce, Gd). <i>Chemistry of Metals and Alloys</i> , <b>2008</b> , 1, 46-49	1	10
76	Ternary system ErNiIn at T=870K. <i>Journal of Solid State Chemistry</i> , <b>2011</b> , 184, 2707-2712	3.3	9
75	On the crystal chemistry of Tm <sub>2</sub> Ni <sub>1.896(4)</sub> In, Tm <sub>2.22(2)</sub> Ni <sub>1.81(1)</sub> In <sub>0.78(2)</sub> , Tm <sub>4.83(3)</sub> Ni <sub>2</sub> In <sub>1.17(3)</sub> , and Er <sub>5</sub> Ni <sub>2</sub> In. <i>Journal of Solid State Chemistry</i> , <b>2005</b> , 178, 1247-1253	3.3	9
74	Ca <sub>3</sub> Ni <sub>8</sub> In <sub>4</sub> An Ordered Noncentrosymmetric Variant of the BaLi <sub>4</sub> Type. <i>Journal of Solid State Chemistry</i> , <b>2001</b> , 160, 415-420	3.3	9
73	The Structure of La <sub>3</sub> Au <sub>4</sub> In <sub>7</sub> and its Relation to the BaAl <sub>4</sub> Type. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2000</b> , 626, 1773-1777	1.3	9
72	EuNi <sub>5</sub> InH <sub>1.5x</sub> (x = 0-1.5): hydrogen induced structural and magnetic transitions. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 2994-3006	7.1	8
71	Crystal structure of Sc <sub>3</sub> Co <sub>1.64</sub> In <sub>4</sub> and Sc <sub>10</sub> Co <sub>9</sub> In <sub>20</sub> from single-crystal data. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2019</b> , 74, 289-295	1	7
70	The ternary system TmNiIn at 870 K. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2015</b> , 70, 665-670	1	7
69	Phase equilibria in the DyFeIn system and crystal structure of Dy <sub>6</sub> Fe <sub>1.72</sub> In. <i>Intermetallics</i> , <b>2013</b> , 37, 22-26	3.5	7

68	On the Solid Solutions $\text{Eu}_{1-x}\text{Pt}_2\text{In}_x$ , $\text{Gd}_{1-x}\text{Pt}_2\text{In}_x$ , and $\text{Tm}_{1-x}\text{Ni}_2\text{In}_x$ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2005</b> , 60, 393-397	1	7
67	Structural Chemistry and Magnetic Properties of $\text{R}_2\text{Ni}_{2-x}\text{In}$ (R=Gd-Er, x=0.22 or 0.3) Compounds. <i>Acta Physica Polonica A</i> , <b>2012</b> , 121, 678-681	0.6	7
66	The Dy-Ni-In system at 870K: Isothermal section, solid solutions, crystal structures. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 704, 717-723	5.7	6
65	Crystal structure and magnetic properties of the novel compound $\text{Sc}_5\text{Pd}_2\text{In}_4$ . <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 750, 92-95	5.7	6
64	Magnetic and thermal properties of $\text{Tm}_5\text{Ni}_2\text{In}_4$ . <i>Intermetallics</i> , <b>2013</b> , 43, 99-102	3.5	6
63	Phase equilibria in the Er-Co-In system and crystal structure of $\text{Er}_8\text{CoIn}_3$ compound. <i>Open Chemistry</i> , <b>2013</b> , 11, 604-609	1.6	6
62	Orthorombic $\text{La}_2\text{Ni}_2\text{In}$ form $\sqrt{2}A$ new intergrowth $\text{CsCl}$ and $\text{AlB}_2$ type slabs. <i>Intermetallics</i> , <b>2012</b> , 24, 30-32	3.5	6
61	The Solid Solution $\text{TmNi}_{1-x}\text{In}_{1+x}$ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2004</b> , 59, 893-897	1	6
60	Study of exchange and anisotropy parameters versus insertion of H and C in the $\text{RFe}_{11.35}\text{Nb}_{0.65}$ compounds (R=Ho, Lu). <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 296, 293-302	5.7	6
59	Crystal structure and magnetic properties of the novel compound $\text{Sc}_5\text{CuIn}_3$ . <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 815, 152660	5.7	6
58	Rare-earth rich indides $\text{RE}_8\text{CoIn}_3$ (RE=Er, Dy, Tm, Lu). <i>Intermetallics</i> , <b>2013</b> , 38, 14-18	3.5	5
57	Solid phase extractive preconcentration of silver from aqueous samples and antimicrobial properties of the clinoptilolite/Ag composite. <i>Adsorption Science and Technology</i> , <b>2017</b> , 35, 602-611	3.6	5
56	Electronic structure and transport properties of $\text{CeNi}_9\text{In}_2$ . <i>Solid State Communications</i> , <b>2015</b> , 206, 46-50	1.6	5
55	Crystal structure and magnetic properties of $\text{YbZn}_{8.5}\text{Al}_{2.5}$ compound. <i>Intermetallics</i> , <b>2010</b> , 18, 569-573	3.5	5
54	Crystal structure of $\text{Ce}_3\text{Ge}_{1.11}\text{In}_{0.89}$ and related compounds. <i>Journal of Alloys and Compounds</i> , <b>2000</b> , 312, 154-157	5.7	5
53	Structure, Magnetic, and Electrical Properties of the $\text{LnAg}_6\text{In}_6$ Intermetallics (Ln=La, Ce, Pr, and Nd). <i>Journal of Solid State Chemistry</i> , <b>1999</b> , 145, 216-219	3.3	5
52	Crystal structure, magnetic and electrical properties of $\text{ZrNi}_2\text{In}$ and $\text{ZrCu}_2\text{In}$ . <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 292, 1-3	5.7	5
51	Superstructure formation in $\text{Sc}_5\text{Cu}_2\text{In}_4$ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2020</b> , 235, 417-422	1	5

50	YIn with ZrNiAl-type structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2020</b> , 75, 1075-1077	1	5
49	Neutron Diffraction Studies of Tb <sub>2</sub> Ni <sub>2-x</sub> In Intermetallic Compounds. <i>Acta Physica Polonica A</i> , <b>2013</b> , 124, 994-997	0.6	4
48	Crystal structure and magnetic behavior of novel R <sub>2</sub> PdIn <sub>8</sub> (R = Pr, Nd, and Sm) compounds. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 3208-3210	5.7	4
47	Magnetic and electrical properties of RCu <sub>5.1</sub> In <sub>6.9</sub> compounds. <i>Journal of Alloys and Compounds</i> , <b>1997</b> , 250, 642-645	5.7	4
46	The crystal structure of R <sub>10</sub> Co <sub>9</sub> In <sub>20</sub> (R=Er, Tm, Lu) compounds. <i>Journal of Alloys and Compounds</i> , <b>1998</b> , 280, 199-203	5.7	4
45	Electronic structure and magnetic properties of RCuIn (R = La, Ce, Pr, Nd and Lu) compounds. <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 442, 279-281	5.7	4
44	New ternary indides of rare-earth metals and manganese with AlB <sub>2</sub> -type structure. <i>Journal of Alloys and Compounds</i> , <b>2005</b> , 397, 161-164	5.7	4
43	La <sub>1.18</sub> Rh <sub>3</sub> In <sub>2</sub> In incommensurate composite structure. <i>Solid State Sciences</i> , <b>2002</b> , 4, 93-102	3.4	4
42	Crystal structure of zirconium nickel indium (2/1/5), Zr <sub>2</sub> NiIn <sub>5</sub> . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1993</b> , 205, 335-336	1	4
41	The scandium-rich indide Sc <sub>50</sub> Pt <sub>13.47</sub> In <sub>2.53</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2020</b> , 75, 715-720	1	4
40	Scandium-rich ternary coloring variants of the cubic Ag <sub>7+x</sub> Mg <sub>26</sub> type. <i>Monatshefte Für Chemie</i> , <b>2020</b> , 151, 1673-1679	1.4	4
39	Superstructure formation in the solid solution Sc <sub>3</sub> Pt <sub>3-x</sub> In <sub>3</sub> (x = 0.93). <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2021</b> , 236, 81-91	1	4
38	Novel nanocomposite materials of silver-exchanged clinoptilolite with pre-concentration of Ag(NH <sub>3</sub> ) <sub>2</sub> <sup>+</sup> in water possess enhanced anticancer action. <i>Applied Nanoscience (Switzerland)</i> , <b>2020</b> , 10, 4869-4878	3.3	3
37	Phase equilibrium in the Gd-Ni-In system at 870 K. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2019</b> , 74, 613-618	1	3
36	Electrical and magnetic properties of CeNi <sub>4</sub> In with Ce in saturated valence state. <i>Physics of the Solid State</i> , <b>1998</b> , 40, 5-7	0.8	3
35	CopperIndium ordering in RECu <sub>6</sub> In <sub>6</sub> (RE=Y, Ce, Pr, Nd, Gd, Tb, Dy). <i>Journal of Solid State Chemistry</i> , <b>2007</b> , 180, 2534-2540	3.3	3
34	The crystal structure of Tm <sub>6</sub> Co <sub>26</sub> In <sub>14</sub> (x=7.42) compound. <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 284, 228-231	5.7	3
33	Crystal structure of terbium cobalt indium (1/2/1), TbCo <sub>2</sub> In. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1993</b> , 205, 333-334	1	3

32	Sc <sub>14</sub> Co <sub>3</sub> .10In <sub>2.59</sub> The representative of the Lu <sub>14</sub> Co <sub>3</sub> In <sub>3</sub> type with the smallest rare earth element. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2020</b> , 75, 799-803	1	3
31	Sorption Luminescence method for determination of europium using acid-modified clinoptilolite. <i>Applied Nanoscience (Switzerland)</i> , <b>2019</b> , 9, 1145-1153	3-3	3
30	A novel solid-phase extraction method for preconcentration of silver and antimicrobial properties of the Na-clinoptilolite Ag composite. <i>Materials Today: Proceedings</i> , <b>2021</b> , 35, 548-551	1.4	3
29	Crystal structure and magnetic properties of RE(Mn,In) <sub>2</sub> (RE=Ho, Er, Tm). <i>Intermetallics</i> , <b>2014</b> , 46, 18-21	3.5	2
28	Synthesis and crystal structure of the new indide La <sub>8</sub> Co <sub>2</sub> In <sub>3</sub> . <i>Solid State Sciences</i> , <b>2014</b> , 35, 45-49	3.4	2
27	RNi <sub>9</sub> In <sub>2</sub> (R= Pr, Nd, Eu) Compounds and their Hydrides. <i>Solid State Phenomena</i> , <b>2012</b> , 194, 45-49	0.4	2
26	A new rhombohedral modification of EuNi <sub>5</sub> In. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2011</b> , 67, i42-4		2
25	Crystal structure of RE <sub>12</sub> Fe <sub>2+x</sub> Pb <sub>3</sub> (RE=Tm, Lu) compounds. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 502, 300-303	5.7	2
24	HoZn <sub>5</sub> Al <sub>3</sub> : rare-earth magnetism in a new structure type. <i>International Journal of Materials Research</i> , <b>2009</b> , 100, 1203-1205	0.5	2
23	Magnetic and transport properties of R(Mn, In) <sub>2</sub> (R=rare-earth metals) with AlB <sub>2</sub> -structure type. <i>Physica B: Condensed Matter</i> , <b>2007</b> , 393, 321-327	2.8	2
22	Crystal structure of Zr <sub>9</sub> Co <sub>7</sub> In <sub>14</sub> . <i>Journal of Alloys and Compounds</i> , <b>1996</b> , 240, 253-255	5.7	2
21	Magnetic Properties of Dy <sub>11</sub> Si <sub>4</sub> In <sub>6</sub> . <i>Acta Physica Polonica A</i> , <b>2012</b> , 121, 1118-1120	0.6	2
20	Intermetallic phases in the Sc-Fe system Synthesis and structure of Sc <sub>1.024</sub> Ir <sub>2</sub> In <sub>0.976</sub> and Sc <sub>3</sub> Ir <sub>1.467</sub> In <sub>4</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2021</b> , 76, 361-367	1	2
19	Nature of magnetic properties in R <sub>3</sub> Co <sub>1.87</sub> In <sub>4</sub> where R = Ho, Er and Tm. <i>Phase Transitions</i> , <b>2018</b> , 91, 111-117	1.3	2
18	Single-crystal investigation of the compound SmNi <sub>5.2</sub> Mn <sub>6.8</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2020</b> , 75, 303-307	1	1
17	Scandium plumbides Sc <sub>2</sub> Ni <sub>2</sub> Pb, ScNi <sub>1.34</sub> Pb and ScCuPb. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 769, 788-793	5.7	1
16	The crystal structure of Sm <sub>4</sub> Ni <sub>11</sub> In <sub>20</sub> and its relation to other indium-rich compounds. <i>Open Chemistry</i> , <b>2014</b> , 12, 227-232	1.6	1
15	The Crystal Structure of GdZn <sub>3</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2013</b> , 68, 1265-1268	1	1



14	The crystal structure of Ho <sub>4</sub> Ni <sub>11</sub> In <sub>20</sub> . <i>Open Chemistry</i> , <b>2012</b> , 10, 354-359	1.6	1
13	SmZn <sub>11</sub> -type derivative compound in the Yb <sub>2</sub> Ni <sub>3</sub> Al system: Crystal structure and magnetic properties. <i>Journal of Solid State Chemistry</i> , <b>2011</b> , 184, 1715-1718	3.3	1
12	Structure and magnetic properties of RE <sub>2</sub> CuIn <sub>3</sub> (RE=Ce, Pr, Nd, Sm and Gd). <i>Journal of Solid State Chemistry</i> , <b>2008</b> , 181, 3223-3228	3.3	1
11	Substitution Study on the Coherent Kondo State in CeCu <sub>5</sub> In. <i>Acta Physica Polonica A</i> , <b>2000</b> , 97, 189-192	0.6	1
10	Laves phases forming in the system ScCo <sub>2</sub> -InCo <sub>2</sub> TaCo <sub>2</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2021</b> ,	1	1
9	Magnetic and thermal properties of RCu <sub>9</sub> In <sub>2</sub> (R=La, Ce, Pr, Nd, Sm and Eu) compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 410, 156-164	2.8	1
8	Phase diagrams of the Tb <sub>2</sub> AgIn and Dy <sub>2</sub> AgIn systems at 870K. <i>Journal of Solid State Chemistry</i> , <b>2012</b> , 192, 360-365	3.3	0
7	The crystal structure of the compound Hf <sub>9</sub> Ti <sub>7</sub> In <sub>14</sub> (x=0.86). <i>Journal of Alloys and Compounds</i> , <b>1999</b> , 284, 194-197	5.7	0
6	Crystal structure of a new ternary indide, Zr <sub>4</sub> Co <sub>2</sub> In <sub>5</sub> . <i>Journal of Alloys and Compounds</i> , <b>1996</b> , 244, 190-193	3.7	0
5	Crystal structure and electronic properties of Gd <sub>3</sub> Zn <sub>4.7</sub> Al <sub>6.3</sub> . <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 1661-1663	2.8	
4	Single-crystal structure determination of LaNi <sub>5-x</sub> In <sub>x</sub> and LaNi <sub>9-x</sub> In <sub>2+x</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2020</b> , 75, 553-557	1	
3	Influence of Co Doping on Crystal and Magnetic Properties of Gd <sub>2</sub> Cu <sub>2</sub> In. <i>Acta Physica Polonica A</i> , <b>2012</b> , 122, 216-219	0.6	
2	Sorption-luminescence method for determination of cerium using Transcarpathian clinoptilolite. <i>Applied Nanoscience (Switzerland)</i> , 1	3.3	
1	Scandium-copper indides deriving from the ZrNiAl and MnCu <sub>2</sub> Al type structures. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2022</b> , 237, 61-68	1	