

Volodymyr Babizhetskyy

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.

120
papers

812
citations

16
h-index

20
g-index

169
ext. papers

916
ext. citations

2.7
avg, IF

3.59
L-index

#	Paper	IF	Citations
120	NON-STOICHIOMETRY OF GdFe ₂ Si ₂ : A SINGLE CRYSTAL STUDY. <i>Proceedings of the Shevchenko Scientific Society Series Chemical Sciences</i> , 2021 , 2021, 107-116	0.2	
119	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> , 2021 , 864, 158122	5.7	2
118	Femtosecond Laser-Induced Periodic Surface Structures on 2D Ti-Fe Multilayer Condensates. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
117	Crystal, electronic and magnetic structures of a novel series of intergrowth carbometalates RCoC (R = Y, Gd, Tb). <i>Dalton Transactions</i> , 2021 , 50, 4202-4209	4.3	0
116	New intermetallics R _{1+x} Zr _{1-x} Ni (R = Er, Yb, x ~ 0.5) with the TiNiSi type of structure. <i>Intermetallics</i> , 2021 , 137, 107279	3.5	
115	Rare-earth Metal Borosilicides R ₉ Si ₁₅ B ₃ (R = Tb, Yb): New Ordered Structures Derived from the AlB ₂ Structure Type. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 1168-1175	1.3	0
114	A new ternary silicide GdFe _{1-x} Si ₂ (x=0.32): preparation, crystal and electronic structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 217-223	1	1
113	New cation-disordered quaternary selenides Tl ₂ Ga ₂ TtSe ₆ (Tt=Ge, Sn). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020 , 75, 135-142	1	4
112	Heat capacity and high temperature electrical transport properties of TbNiC ₂ . <i>Solid State Sciences</i> , 2020 , 108, 106396	3.4	
111	Ternary antimonides Ln ₂ Pd ₉ Sb ₃ (Ln = La, Ce, Nd, Pr, and Sm): Crystal, electronic structure, and magnetic properties. <i>Journal of Alloys and Compounds</i> , 2020 , 815, 152428	5.7	1
110	Phase equilibria in the TaMnB system and crystal structure of ternary phosphides, representative of OsGe ₂ -type structure. <i>Journal of Solid State Chemistry</i> , 2019 , 277, 77-82	3.3	1
109	The Quasi-Binary System CeCo ₂ -CeNiC ₂ : Crystal Structure and Physical Properties. <i>Solid State Phenomena</i> , 2019 , 289, 114-119	0.4	
108	Crystal Chemistry of Ternary Rare Earth Transition Metal Carbides: Studies of the Tb-Fe-C System at 800°C. <i>Solid State Phenomena</i> , 2019 , 289, 12-20	0.4	
107	PHASE EQUILIBRIA AND CRYSTAL STRUCTURE OF THE TERNARY COMPOUNDS IN DyB ₂ SYSTEM AT 1270 K. <i>Proceedings of the Shevchenko Scientific Society Series Chemical Sciences</i> , 2019 , 2019, 45-55	0.2	
106	Synchrotron studies of novel Tb ₂ Ni ₅ C ₃ : Crystal and electronic structure. <i>Journal of Alloys and Compounds</i> , 2019 , 773, 239-243	5.7	1
105	Interaction of tantalum, titanium and phosphorus at 1070 K: Phase diagram and structural chemistry. <i>Journal of Alloys and Compounds</i> , 2018 , 732, 777-783	5.7	3
104	Structural, Electronic, and Physical Properties of Solid-State Rare-Earth Boride Carbides. <i>Fundamental Theories of Physics</i> , 2018 , 53, 145-269	0.8	5

103	Synthesis, crystal structure and magnetic properties of $R_1Ni_6OC_6$ ($R = Tb, Dy$) compounds. <i>Journal of Physics and Chemistry of Solids</i> , 2018 , 122, 189-197	3.9	2
102	SYSTEM $TbNiC$ AT 800 °C. CRYSTAL AND ELECTRONIC STRUCTURE OF $TbNiC_2$ SINGLE CRYSTAL. <i>Proceedings of the Shevchenko Scientific Society Series Chemical Sciences</i> , 2018 , 2018, 7-15	0.2	1
101	Thallium indium germanium sulphide ($TlInGe_2S_6$) as efficient material for nonlinear optical application. <i>Journal of Alloys and Compounds</i> , 2018 , 735, 1694-1702	5.7	10
100	Single-crystal study of the charge density wave metal $LuNiC_2$. <i>Physical Review B</i> , 2018 , 97,	3.3	10
99	Magnetic properties of $HoCoC_2$, $HoNiC_2$ and their solid solutions. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 441, 69-75	2.8	9
98	New quaternary thallium indium germanium selenide $TlInGe_2Se_6$: Crystal and electronic structure. <i>Journal of Solid State Chemistry</i> , 2017 , 254, 103-108	3.3	8
97	Alloy Systems and Compounds Containing Rare Earth Metals and Carbon. <i>Fundamental Theories of Physics</i> , 2017 , 1-263	0.8	7
96	Novel Quaternary $TlGaSn_2Se_6$ Single Crystal as Promising Material for Laser Operated Infrared Nonlinear Optical Modulators. <i>Crystals</i> , 2017 , 7, 341	2.3	11
95	Interaction of tantalum, chromium, and phosphorus at 1070 K: Phase diagram and structural chemistry. <i>Journal of Solid State Chemistry</i> , 2016 , 235, 50-57	3.3	5
94	Homogeneity ranges and physical properties of ternary Laves phases $R_xZr_{1-x}Ni_2$ ($R = Gd, U$). <i>Journal of Alloys and Compounds</i> , 2016 , 661, 490-494	5.7	2
93	Phase equilibria in the system $CeNiC$ at 800 °C in the range 0-33.3 at.% Ce and new isostructural compounds $R_2Ni_5C_3$ ($R = Pr, Nd$). <i>Chemistry of Metals and Alloys</i> , 2016 , 9, 34-41	1	2
92	Synthesis, XRD and EDX Studies of the New Metastable Phase $CeCr_{1-x}$ ($x = 0.89$). <i>Journal of Phase Equilibria and Diffusion</i> , 2015 , 36, 638-643	1	
91	Investigations in the ternary praseodymium-boron-carbon system: Solid-state phase diagram and structural chemistry. <i>Solid State Sciences</i> , 2015 , 47, 73-77	3.4	3
90	A new ternary carbide $Dy_2Mn_2C_5$ ($x=0.6$): Preparation, crystal structure, and physical properties. <i>Journal of Physics and Chemistry of Solids</i> , 2015 , 79, 72-77	3.9	1
89	Evolution of magnetic properties in the solid solution $DyCo_{1-x}Ni_xC_2$. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 374, 553-558	2.8	5
88	Interaction of lanthanum with boron and carbon: phase diagram and structural chemistry. <i>Monatshefte für Chemie</i> , 2014 , 145, 869-876	1.4	5
87	Structure and bonding of superconducting LaC_2 . <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 025701	1.8	9
86	Crystal structure and physical properties of the ternary antimonides $R_3Ni_6Sb_5$, $R=Y, Gd, Tb$. <i>Journal of Alloys and Compounds</i> , 2014 , 602, 1-7	5.7	3

85	Diterbium hepta-nickel: a crystal structure redetermination. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, i42		
84	Interaction of yttrium with nickel and phosphorus: Phase diagram and structural chemistry. <i>Journal of Solid State Chemistry</i> , 2013 , 207, 87-93	3.3	3
83	Metal Site Doping in the Narrow-Gap FeGa ₃ Semiconductor. <i>Materials Science</i> , 2013 , 49, 211-219	0.7	7
82	X-ray investigation of the Y ₂ Ni system at 870K. <i>Intermetallics</i> , 2013 , 38, 44-48	3.5	7
81	Crystal and electronic structure and physical properties of Ni ₅ P ₄ . <i>Solid State Communications</i> , 2013 , 164, 1-5	1.6	7
80	Redetermination of Dy ₃ Ni from single-crystal X-ray data. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, i80		
79	Tm ₄ B ₃ C ₄ : Preparation, crystal structure and physical properties. <i>Solid State Communications</i> , 2012 , 152, 1531-1534	1.6	1
78	Structural, electronic and magnetic properties of layered REB ₂ C compounds (RE=Dy, Tm, Lu). <i>Journal of Solid State Chemistry</i> , 2012 , 191, 121-128	3.3	9
77	Crystal structure of neodymium palladium antimonide, NdPd _{0.85} Sb ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2012 , 227, 287-288	0.2	1
76	Didysprosium hepta-nickel. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, i20		3
75	Redetermination of dysprosium trinickel from single-crystal X-ray data. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, i83		2
74	Crystal structure of HT-Ni ₅ P ₂ and reinvestigation of isotypic Ni ₅ As ₂ . <i>Intermetallics</i> , 2011 , 19, 1041-1046	3.5	9
73	New members of ternary rare-earth metal boride carbides containing finite boron-carbon chains: RE ₂ B ₁₄ C ₂₆ (RE=Pr, Nd) and Nd ₂ B ₁₂ C ₂₈ . <i>Journal of Solid State Chemistry</i> , 2011 , 184, 1671-1681	3.3	3
72	Synthesis, structure and properties of Nd ₂ BC containing the trans-dibora[1,3]-butadiene [C=BB=C] unit. <i>Zeitschrift Fur Kristallographie</i> , 2011 , 226, 93-98		4
71	Influence of doping elements (Cu and Fe) on the crystal structure and electrical resistivity of YNi ₃ and Y _{0.95} Ni ₂ . <i>Chemistry of Metals and Alloys</i> , 2011 , 4, 152-159	1	2
70	New ternary rare-earth metal boride carbides R ₁₅ B ₄ C ₁₄ (R=Y, Gd, Lu) containing BC ₂ units: Crystal and electronic structures, magnetic properties. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2343-2351	3.3	14
69	The new ternary pnictides Er ₁₂ Ni ₃₀ P ₂₁ and Er ₁₃ Ni ₂₅ As ₁₉ : Crystal structures and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2534-2543	3.3	1
68	New Ternary Boride Carbides RE ₁₀ B _{9+x} C ₁₀ (RE = Gd, Tb; x [0,2]): Infinite Boron Carbon Branched Chains. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010 , 636, 1229-1235	1.3	2

67	Crystal chemistry and physical properties of the ternary compounds REBC (RE = Ce, Pr, Nd). <i>Solid State Sciences</i> , 2009 , 11, 501-506	3-4	5
66	Deconstructing Sodalite with Hyperbolic Tilings: A PNS Approach. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 737-742	1-3	4
65	Crystal chemistry and physical properties of the ternary compounds RE ₅ B ₄ C ₅ (RE=Ce, Pr, Nd). <i>Journal of Physics and Chemistry of Solids</i> , 2009 , 70, 561-566	3-9	7
64	A new ternary arsenide Eu ₂₀ Ni ₄₂ As ₃₁ : Preparation, crystal structure and physical properties. <i>Journal of Alloys and Compounds</i> , 2009 , 486, 42-45	5-7	0
63	Crystal Structure of the New Ternary Antimonide Ho ₅ Ga ₅ Sb ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009 , 64, 909-914	1	1
62	Crystal Structure of the Terbium Borocarbide Tb ₂ B ₂ C ₃ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008 , 63, 929-933	1	6
61	New examples of ternary rare-earth metal boride carbides containing finite boron-carbon chains: The crystal and electronic structure of RE ₁₅ B ₆ C ₂₀ (RE=Pr, Nd). <i>Journal of Solid State Chemistry</i> , 2008 , 181, 1882-1890	3-3	7
60	Li _x NayBa ₁₄ LiN ₆ : New Representatives of the Subnitride Family. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008 , 634, 629-632	1-3	5
59	Darstellung und Kristallstruktur der Phasen Li ₂₆ Na ₅₈ Ba ₃₈ Ex (E = N, H; x = 0-1). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008 , 634, 849-852	1-3	6
58	Double-icosahedral Li clusters in a new binary compound Ba(19)Li(44): a reinvestigation of the Ba-Li phase diagram. <i>Inorganic Chemistry</i> , 2007 , 46, 5425-8	5-1	18
57	Intermediate valence behaviour of the ternary Cerium-Nickel-Phosphide, Ce ₂ Ni ₁₂ P ₇ . <i>Solid State Communications</i> , 2007 , 142, 80-84	1-6	4
56	Icosahedral Li clusters in the structures of Li _{33.3} Ba _{13.1} Ca ₃ and Li _{18.9} Na _{8.3} Ba _{15.3} . <i>Journal of Solid State Chemistry</i> , 2007 , 180, 3302-3309	3-3	17
55	Ternary rare earth metal boride carbides containing two-dimensional boron-carbon network: The crystal and electronic structure of R ₂ B ₄ C (R=Tb, Dy, Ho, Er). <i>Journal of Solid State Chemistry</i> , 2007 , 180, 3515-3520	3-3	6
54	Synthesis and Crystal Structure of the New Quaternary Subnitride Na ₁₅ Li ₈ Ba ₁₂ N ₆ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007 , 633, 2296-2299	1-3	8
53	Crystal chemistry and physical properties of the ternary compounds R ₁₀ B ₉ C ₁₂ (R=La, Ce, Pr, Nd). <i>Solid State Sciences</i> , 2007 , 9, 1126-1134	3-4	10
52	Synthesis and crystal structure of LiBa ₂ N and identification of LiBa ₃ N. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 1889-1893	3-3	15
51	Lamellar structures in neodymium borides. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 2775-2784	3-3	3
50	Single Crystal Investigation and Physical Properties of the Binary Compound CeB ₄ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007 , 62, 896-900	1	9

49	Strong electron-phonon coupling in the rare-earth carbide superconductor La ₂ C ₃ . <i>Physical Review B</i> , 2007 , 76,	3.3	34
48	Erbium-rich region of the ternary Er _{1-x} Ni _x Sb system: Solid state phase equilibria at 1073K and crystal structures of the new ternary compound Er ₅ Sb ₃ Ni _x (x=0.48) and both modifications of Er ₅ Sb ₃ . <i>Journal of Alloys and Compounds</i> , 2007 , 437, 133-139	5.7	8
47	Li ₂₆ clusters in the compound Li ₁₃ Na ₂₉ Ba ₁₉ . <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6051-6054	3.4	20
46	Li ₂₆ -Cluster in der Verbindung Li ₁₃ Na ₂₉ Ba ₁₉ . <i>Angewandte Chemie</i> , 2006 , 118, 6197-6200	3.6	10
45	Boron-Carbon Order and Symmetry Control: Single-Crystal X-Ray Study of SmB ₂ C ₂ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006 , 61, 727-732	1	3
44	Tin flux synthesis of rare-earth metal silicide compounds RE ₅ Si _{1.7} (RE = Dy, Ho): a novel ordered structure derived from the AlB ₂ type. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2006 , 221,	1	4
43	Li ₈₀ Ba ₃₉ N ₉ : the first Li/Ba subnitride. <i>Inorganic Chemistry</i> , 2006 , 45, 10786-9	5.1	22
42	Structural chemistry, magnetism and electrical properties of binary Gd silicides and Ho ₃ Si ₄ . <i>Journal of Alloys and Compounds</i> , 2006 , 407, 25-35	5.7	19
41	Structural chemistry and physical properties of ternary compounds R ₆ Ni ₁₅ As ₁₀ , R=Y, Sm, Gd, Tb, Dy. <i>Journal of Alloys and Compounds</i> , 2006 , 413, 17-25	5.7	2
40	Solid state phase equilibria in the ternary Nd ₅ Bi ₃ B system at 1270 K. <i>Journal of Alloys and Compounds</i> , 2006 , 415, 73-84	5.7	21
39	The ternary RE ₅ Bi ₃ B systems (RE=Dy, Ho, Er and Y) at 1270K: Solid state phase equilibria and magnetic properties of the solid solution RE ₂ B ₂ Si ₆ (RE=Dy and Ho). <i>Journal of Alloys and Compounds</i> , 2006 , 417, 72-84	5.7	25
38	Refinement of the crystal structure of barium tetralithium, BaLi ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 434	0.2	2
37	Crystal structure of yttrium nickel phosphide, Y ₂₀ Ni ₄₂ P ₃₀ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 259-260	0.2	
36	Kristallstruktur der neuen ternären Boridcarbide SE ₂ BC (SE Pr, Nd). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 2115-2115	1.3	3
35	Mn ₅ Si ₃ -type host-interstitial boron rare-earth metal silicide compounds RE ₅ Si ₃ : Crystal structures, physical properties and theoretical considerations. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 2310-2328	3.3	26
34	Interaction of Samarium with Nickel and Arsenic: Phase Diagram and Structural Chemistry. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006 , 61, 733-740	1	3
33	Crystal structure of pentapraseodymium diboropentacarbide, Pr ₅ B ₂ C ₅ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 1-2	0.2	
32	Crystal structures, physical properties and NMR experiments on the ternary rare-earth metal silicide boride compounds RE ₅ Si ₂ B ₈ (RE=Y, Sm, Gd, Tb, Dy, Ho). <i>Journal of Solid State Chemistry</i> , 2005 , 178, 1851-1863	3.3	23

31	1070-K Section of the Yb-Fe-B Phase Diagram. <i>Inorganic Materials</i> , 2005 , 41, 700-705	0.9	4
30	Kristall- und Realstrukturuntersuchungen zur wiederkehrenden Supraleitung in $\text{La}_5\text{B}_2\text{C}_6$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 316-326	1.3	6
29	B5C5 Anionic Molecules Trapped in a Solid Matrix: The Crystal and Electronic Structures of LaBC. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1041-1046	1.3	18
28	Crystal structure of diytterbium pentadecanickel nonaboride, $\text{Yb}_2\text{Ni}_{15}\text{B}_9$?. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2005 , 220, 1-2	0.2	3
27	Crystal Structure of Ni_5P_2 . <i>Inorganic Materials</i> , 2004 , 40, 380-385	0.9	20
26	Synthesis and Structure of $\text{ErNi}_7.9\text{B}_2$. <i>Inorganic Materials</i> , 2004 , 40, 604-609	0.9	
25	Crystal Structure of $(\text{V},\text{Mo})_8\text{P}_4$. <i>Inorganic Materials</i> , 2004 , 40, 700-706	0.9	1
24	Solid state phase equilibria in the $\text{Gd}_5\text{Si}_2\text{B}$ system at 1270K. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 415-424	3.3	23
23	$\text{Gd}_5\text{Si}_2\text{B}_8$: a ternary rare-earth-metal silicide boride compound. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1979-83	16.4	24
22	Intermediate valence behaviour of the ternary cerium-nickel-phosphide $\text{Ce}_{20}\text{Ni}_{42}\text{P}_3$. <i>Physica B: Condensed Matter</i> , 2004 , 352, 42-47	2.8	5
21	Boron-silicon solid solution: synthesis and crystal structure of a carbon-doped boron-rich SiB_n ($n \sim 30$) compound. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 4167-4174	3.3	18
20	Crystal structure of a new ternary phosphide $\text{Y}_6\text{Ni}_{15}\text{B}_{10+y}$ ($x=0.08, y=0.18$). <i>Journal of Alloys and Compounds</i> , 2004 , 367, 156-161	5.7	5
19	Solid solution of Ni in ErB_4 and its crystal structure. <i>Journal of Alloys and Compounds</i> , 2004 , 377, 117-120	5.7	2
18	Crystal structure of lanthanum borocarbide, $\text{La}_{10}\text{B}_9\text{C}_{12}$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2004 , 219, 11-12	0.2	
17	Crystal structure of yttrium borosilicide, $\text{Y}_5\text{Si}_2\text{-xB}_8$ ($x=0.13$). <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2003 , 218, 185-186	0.2	
16	Ternary rare-earth nickel arsenides $\text{R}_3\text{Ni}_7\text{As}_5$ ($\text{R}=\text{La}, \text{Ce}, \text{Pr}, \text{Nd}, \text{Sm}$) with a new variant of the BaAl_4 -type: crystal structure and physical properties. <i>Journal of Solid State Chemistry</i> , 2003 , 172, 265-276	3.3	7
15	Crystal structure of Pr_2B_5 boride. <i>Crystallography Reports</i> , 2003 , 48, 568-572	0.6	3
14	Crystal structure of the rare earth borosilicide $\text{Er}_8\text{Si}_{17}\text{B}_3$. <i>Journal of Alloys and Compounds</i> , 2003 , 353, 233-239	5.7	10

13	Crystal Structure of the Ternary Arsenide CeNi _{1.91} As _{1.94} . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002 , 57, 1359-1366	1	4
12	Ordered Atomic Distribution in the Structure of TiCrP. <i>Inorganic Materials</i> , 2002 , 38, 905-906	0.9	6
11	Ternary rare-earth nickel arsenides of Sm ₂₀ Ni ₄₂ P ₃₁ -type structure: Structural chemistry and physical properties. <i>Physical Review B</i> , 2002 , 66,	3.3	8
10	New arsenides LnAgAs ₂ (Ln=La, Ce, Pr, Nd, Sm, Gd, Tb, Dy) and their crystal structure. <i>Journal of Alloys and Compounds</i> , 2001 , 315, 158-163	5.7	12
9	Structural chemistry, magnetic and electrical properties of ternary rare-earth nickel phosphides, R ₂₀ Ni ₄₂ P ₃₀ (R=Ce, Sm). <i>Journal of Alloys and Compounds</i> , 2001 , 317-318, 250-253	5.7	4
8	Structural chemistry, magnetic and electrical properties of ternary rare-earth nickel phosphides, R ₂ Ni ₇ P ₄ (R=Ce, Pr, Nd). <i>Journal of Alloys and Compounds</i> , 2001 , 323-324, 498-503	5.7	1
7	Preparation and crystal structure of the Ni ₇ Si ₂ P ₅ phosphide. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1999 , 214,	1	4
6	Crystal Chemistry of Defective Intermetallics with Empty Triangular Metalloid Channels: The New Phosphide Zr ₆ Cr ₆₀ P ₃₉ . <i>Journal of Solid State Chemistry</i> , 1999 , 144, 277-286	3.3	14
5	Interaction of lanthanum or cerium with nickel and arsenic: phase diagrams and structural chemistry. <i>Journal of Alloys and Compounds</i> , 1999 , 287, 174-180	5.7	12
4	Crystal structure of discandium dodecanickel heptaphosphide, SC ₂ Ni ₁₂ P ₇ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 1999 , 214, 428	0.2	3
3	Crystal structure of Tb ₁₆ Ni ₃₆ P ₂₂ and isotypic lanthanoid nickel phosphides. <i>Journal of Alloys and Compounds</i> , 1997 , 259, 186-190	5.7	13
2	The ytterbium-copper-aluminium system. <i>Journal of Alloys and Compounds</i> , 1993 , 190, 161-164	5.7	16
1	Preparation and crystal structure of the La ₂ Ni ₁₂ P ₅ and isotypic ternary lanthanoid nickel phosphides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1993 , 619, 587-592	1.3	13