

Volodymyr Babizhetskyy

List of Publications by Year in descending order

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170
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#	ARTICLE	IF	CITATIONS
1	Strong electron-phonon coupling in the rare-earth carbide superconductor La_2C_3 . <i>Physical Review B</i> , 2007, 76.	1.1	41
2	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.	1.4	33
3	The ternary RE-Si-B systems (RE=Dy, Ho, Er and Y) at 1270K: Solid state phase equilibria and magnetic properties of the solid solution REB ₂ xSi ₆ (RE=Dy and Ho). <i>Journal of Alloys and Compounds</i> , 2006, 417, 72-84.	2.8	29
4	Solid state phase equilibria in the Gd-Si-B system at 1270K. <i>Journal of Solid State Chemistry</i> , 2004, 177, 415-424.	1.4	28
5	Gd ₅ Si ₂ B ₈ : A Ternary Rare-Earth-Metal Silicide Boride Compound. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1979-1983.	7.2	27
6	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.	1.4	27
7	Li ₈₀ Ba ₃₉ N ₉ : The First Li/Ba Subnitride. <i>Inorganic Chemistry</i> , 2006, 45, 10786-10789.	1.9	24
8	Solid state phase equilibria in the ternary Nd-Si-B system at 1270K. <i>Journal of Alloys and Compounds</i> , 2006, 415, 73-84.	2.8	24
9	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.	2.8	23
10	Li ₂₆ Clusters in the Compound Li ₁₃ Na ₂₉ Ba ₁₉ . <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6051-6053.	7.2	22
11	Crystal Structure of Ni ₅ P ₂ . <i>Inorganic Materials</i> , 2004, 40, 380-385.	0.2	21
12	Boron-silicon solid solution: synthesis and crystal structure of a carbon-doped boron-rich SiBn (n=1/430) compound. <i>Journal of Solid State Chemistry</i> , 2004, 177, 4167-4174.	1.4	19
13	B ₅ C ₅ 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.	0.6	19
14	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, 5425-5428.	1.9	19
15	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.	1.4	19
16	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.	1.4	19
17	The ytterbium-copper-aluminium system. <i>Journal of Alloys and Compounds</i> , 1993, 190, 161-164.	2.8	18
18	Crystal Chemistry of Defective Intermetallics with Empty Triangular Metalloid Channels: The New Phosphide Zr ₆ Cr ₆ O ₃₉ . <i>Journal of Solid State Chemistry</i> , 1999, 144, 277-286.	1.4	17

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19	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.	2.8	17
20	Single-crystal study of the charge density wave metal LuNiC_2 . <i>Physical Review B</i> , 2018, 97, .	1.1	17
21	Crystal structure of $\text{Tb}_{16}\text{Ni}_{36}\text{P}_{22}$ and isotypic lanthanoid nickel phosphides. <i>Journal of Alloys and Compounds</i> , 1997, 259, 186-190.	2.8	16
22	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.	2.8	15
23	New ternary rare-earth metal boride carbides $\text{R}_{15}\text{B}_4\text{C}_{14}$ (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.	1.4	15
24	Novel Quaternary $\text{TlGaSn}_2\text{Se}_6$ Single Crystal as Promising Material for Laser Operated Infrared Nonlinear Optical Modulators. <i>Crystals</i> , 2017, 7, 341.	1.0	15
25	Preparation and crystal structure of the $\text{La}_2\text{Ni}_{12}\text{P}_5$ and isotypic ternary lanthanoid nickel phosphides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1993, 619, 587-592.	0.6	14
26	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.	2.8	13
27	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.	0.3	12
28	Structural, electronic and magnetic properties of layered REB_2C compounds (RE=Dy, Tm, Lu). <i>Journal of Solid State Chemistry</i> , 2012, 191, 121-128.	1.4	12
29	Structure and bonding of superconducting LaC_2 . <i>Journal of Physics Condensed Matter</i> , 2014, 26, 025701.	0.7	12
30	Magnetic properties of HoCoC_2 , HoNiC_2 and their solid solutions. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 441, 69-75.	1.0	12
31	Erbium-rich region of the ternary Er-Ni-Sb system: Solid state phase equilibria at 1073K and crystal structures of the new ternary compound $\text{Er}_5\text{Sb}_3\text{Ni}_x$ ($x=0.48$) and both modifications of Er_5Sb_3 . <i>Journal of Alloys and Compounds</i> , 2007, 437, 133-139.	2.8	11
32	Crystal chemistry and physical properties of the ternary compounds $\text{R}_{10}\text{B}_9\text{C}_{12}$ (R = La, Ce, Pr, Nd). <i>Solid State Sciences</i> , 2007, 9, 1126-1134.	1.5	11
33	New quaternary thallium indium germanium selenide $\text{TlInGe}_2\text{Se}_6$: Crystal and electronic structure. <i>Journal of Solid State Chemistry</i> , 2017, 254, 103-108.	1.4	11
34	Thallium indium germanium sulphide ($\text{TlInGe}_2\text{S}_6$) as efficient material for nonlinear optical application. <i>Journal of Alloys and Compounds</i> , 2018, 735, 1694-1702.	2.8	11
35	Synthesis and Crystal Structure of the New Quaternary Subnitride $\text{Na}_{15}\text{Li}_8\text{Ba}_{12}\text{N}_6$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 2296-2299.	0.6	10
36	Crystal structure of $\text{HT-Ni}_5\text{P}_2$ and reinvestigation of isotypic Ni_5As_2 . <i>Intermetallics</i> , 2011, 19, 1041-1046.	1.8	10

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37	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, .	1.1	9
38	X-ray investigation of the Yâ€“Zrâ€“Ni system at 870ÅK. <i>Intermetallics</i> , 2013, 38, 44-48.	1.8	9
39	Alloy Systems and Compounds Containing Rare Earth Metals and Carbon. <i>Fundamental Theories of Physics</i> , 2017, , 1-263.	0.1	9
40	Femtosecond Laser-Induced Periodic Surface Structures on 2D Ti-Fe Multilayer Condensates. <i>Nanomaterials</i> , 2021, 11, 316.	1.9	9
41	Crystal structure of a new ternary phosphide Y ₆ Ni ₁₅ â”P _{10+y} (x=0.08, y=0.18). <i>Journal of Alloys and Compounds</i> , 2004, 367, 156-161.	2.8	8
42	1070-K Section of the Yb-Fe-B Phase Diagram. <i>Inorganic Materials</i> , 2005, 41, 700-705.	0.2	8
43	New examples of ternary rare-earth metal boride carbides containing finite boronâ€“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.	1.4	8
44	Crystal and electronic structure and physical properties of Ni ₅ P ₄ . <i>Solid State Communications</i> , 2013, 164, 1-5.	0.9	8
45	Ternary rare-earth nickel arsenides R ₃ Ni ₇ As ₅ (R=La, Ce, Pr, Nd, 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.	1.4	7
46	Kristall- und Realstrukturuntersuchungen zur wiederkehrenden Supraleitung in ?La ₅ B ₂ C ₆ ?. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 316-326.	0.6	7
47	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, .	0.4	7
48	Ternary rare earth metal boride carbides containing two-dimensional boronâ€“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.	1.4	7
49	LixNayBa ₁₄ LiN ₆ : New Representatives of the Subnitride Family. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 629-632.	0.6	7
50	Darstellung und Kristallstruktur der Phasen Li ₂₆ Na ₅₈ Ba ₃₈ E _x (E = N, H; x = 0 â€“ 1). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 849-852.	0.6	7
51	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.	0.3	7
52	Crystal chemistry and physical properties of the ternary compounds REBC (RE=Ce, Pr, Nd). <i>Solid State Sciences</i> , 2009, 11, 501-506.	1.5	7
53	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.	1.9	7
54	Metal Site Doping in the Narrow-Gap FeGa ₃ Semiconductor. <i>Materials Science</i> , 2013, 49, 211-219.	0.3	7

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55	Ordered Atomic Distribution in the Structure of TiCrP. <i>Inorganic Materials</i> , 2002, 38, 905-906.	0.2	6
56	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.	2.8	6
57	Infinite and Finite Boron Carbon Branched Chains: The Crystal Structures of New Ternary Boride Carbides $\langle i \rangle \text{RE}_{10}\text{B}_7\text{C}_{10}$ and $\langle i \rangle \text{RE}_4\text{B}_3\text{C}_4^*$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 737-742.	0.6	6
58	Evolution of magnetic properties in the solid solution DyCo _{1-x} Ni _x C ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 374, 553-558.	1.0	6
59	Structural, Electronic, and Physical Properties of Solid-State Rare-Earth Boride Carbides. <i>Fundamental Theories of Physics</i> , 2018, 53, 145-269.	0.1	6
60	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.	0.3	6
61	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.	0.2	6
62	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.	2.8	5
63	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.	0.3	5
64	Intermediate valence behaviour of the ternary cerium-nickel phosphide Ce ₂₀ Ni ₄₂ P ₃₀ . <i>Physica B: Condensed Matter</i> , 2004, 352, 42-47.	1.3	5
65	Intermediate valence behaviour of the ternary Cerium-Nickel Phosphide, Ce ₂ Ni ₁₂ P ₇ . <i>Solid State Communications</i> , 2007, 142, 80-84.	0.9	5
66	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.	1.4	5
67	Synthesis, structure and properties of Nd ₂ BC containing the <i>trans</i> -(1,3)-butadiene [C=B=C]-unit. <i>Zeitschrift Für Kristallographie</i> , 2011, 226, 93-98.	1.1	5
68	Interaction of lanthanum with boron and carbon: phase diagram and structural chemistry. <i>Monatshefte Für Chemie</i> , 2014, 145, 869-876.	0.9	5
69	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.	1.4	5
70	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.	0.3	5
71	Preparation and crystal structure of the Ni ₇ Si ₂ P ₅ phosphide. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1999, 214, 337-340.	0.4	4
72	Crystal structure of Pr ₂ B ₅ boride. <i>Crystallography Reports</i> , 2003, 48, 568-572.	0.1	4

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73	Solid solution of Ni in ErB ₄ and its crystal structure. Journal of Alloys and Compounds, 2004, 377, 117-120.	2.8	4
74	Boron-Carbon Order and Symmetry Control: Single-Crystal X-Ray Study of SmB ₂ C ₂ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 727-732.	0.3	4
75	Lamellar structures in neodymium borides. Journal of Solid State Chemistry, 2007, 180, 2775-2784.	1.4	4
76	New members of ternary rare-earth metal boride carbides containing finite boron-carbon chains: RE ₂ SB ₁₄ C ₂₆ (RE=Pr, Nd) and Nd ₂ SB ₁₂ C ₂₈ . Journal of Solid State Chemistry, 2011, 184, 1671-1681.	1.4	4
77	Interaction of yttrium with nickel and phosphorus: Phase diagram and structural chemistry. Journal of Solid State Chemistry, 2013, 207, 87-93.	1.4	4
78	Crystal structure and physical properties of the ternary antimonides R ₃ Ni ₆ Sb ₅ , R=Y, Gd, Tb. Journal of Alloys and Compounds, 2014, 602, 1-7.	2.8	4
79	Investigations in the ternary praseodymium-carbon system: Solid-state phase diagram and structural chemistry. Solid State Sciences, 2015, 47, 73-77.	1.5	4
80	Crystal structure of dysprosium pentadecanickel nonaboride, Yb ₂ Ni ₁₅ B ₉ ?. Zeitschrift Fur Kristallographie - New Crystal Structures, 2005, 220, 1-2.	0.1	4
81	Crystal structure of discandium dodecanickel heptaphosphide, SC ₂ Ni ₁₂ P ₇ . Zeitschrift Fur Kristallographie - New Crystal Structures, 1999, 214, 428.	0.1	3
82	Structural chemistry, magnetic and electrical properties of ternary rare-earth-nickel-phosphides, R ₂ Ni ₇ P ₄ (R=Ce, Pr, Nd). Journal of Alloys and Compounds, 2001, 323-324, 498-503.	2.8	3
83	New Ternary Boride Carbides RE ₁₀ B _{9+x} C _{10-x} (RE = Gd, Tb; x ≈ 0.2): Infinite Boron Carbon Branched Chains. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1229-1235.	0.6	3
84	Didysprosium heptanickel. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, i20-i20.	0.2	3
85	Redetermination of dysprosium trinickel from single-crystal X-ray data. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, i83-i83.	0.2	3
86	Interaction of tantalum, titanium and phosphorus at 1070 K: Phase diagram and structural chemistry. Journal of Alloys and Compounds, 2018, 732, 777-783.	2.8	3
87	Synthesis, crystal structure and magnetic properties of R ₁₁ Ni ₆ O ₆ (R = Tb, Dy) compounds. Journal of Physics and Chemistry of Solids, 2018, 122, 189-197.	1.9	3
88	Investigation in the ternary Ta-Ni-P system: Solid state phase equilibria at T=1070 K, crystal and electronic structures of new ternary phosphides. Journal of Alloys and Compounds, 2021, 864, 158122.	2.8	3
89	Phase equilibria in the system Ce-Ni-C at 800 °C in the range 0-33.3 at.% Ce and new isostructural compounds R ₂ Ni ₅ C ₃ (R = Pr, Nd). Chemistry of Metals and Alloys, 2016, 9, 34-41.	0.2	3
90	Refinement of the crystal structure of barium tetralithium, BaLi ₄ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 434.	0.1	2

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91	A new ternary arsenide $\text{Eu}_2\text{ONi}_4\text{As}_3$: Preparation, crystal structure and physical properties. Journal of Alloys and Compounds, 2009, 486, 42-45.	2.8	2
92	Crystal Structure of the New Ternary Antimonide Ho_5GaSb_3 . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 909-914.	0.3	2
93	Homogeneity ranges and physical properties of ternary Laves phases $\text{R}_x\text{Zr}_{1-x}\text{Ni}_2$ ($\text{R} = \text{Gd}, \text{Lu}$). Journal of Alloys and Compounds, 2016, 661, 490-494.	2.8	2
94	The Quasi-Binary System CeCoC_2 - CeNiC_2 : Crystal Structure and Physical Properties. Solid State Phenomena, 0, 289, 114-119.	0.3	2
95	Synchrotron studies of novel $\text{Tb}_2\text{Ni}_5\text{C}_3$: Crystal and electronic structure. Journal of Alloys and Compounds, 2019, 773, 239-243.	2.8	2
96	Ternary antimonides $\text{Ln}_2\text{Pd}_9\text{Sb}_3$ ($\text{Ln} = \text{La, Ce, Nd, Pr, and Sm}$): Crystal, electronic structure, and magnetic properties. Journal of Alloys and Compounds, 2020, 815, 152428.	2.8	2
97	Heat capacity and high temperature electrical transport properties of TbNiC_2 . Solid State Sciences, 2020, 108, 106396.	1.5	2
98	Rare Earth Metal Borosilicides $\text{R}_9\text{Si}_{15}\text{B}_3$ ($\text{R} = \text{Tb, Yb}$): New Ordered Structures Derived from the AlB_2 Structure Type. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1168-1175.	0.6	2
99	Crystal, electronic and magnetic structures of a novel series of intergrowth carbometalates $\text{R}_4\text{Co}_2\text{C}_3$ ($\text{R} = \text{Y, Gd, Tb}$). Dalton Transactions, 2021, 50, 4202-4209.	1.6	2
100	Synthesis and Structure of $\text{ErNi}_7.9\text{B}_2$. Inorganic Materials, 2004, 40, 604-609.	0.2	1
101	Crystal Structure of $(\text{V,Mo})_8\text{P}_4$. Inorganic Materials, 2004, 40, 700-706.	0.2	1
102	Refinement of the crystal structure of barium tetralithium, BaLi_4 . Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 434.	0.1	1
103	Crystal structure of yttrium nickel phosphide, $\text{Y}_2\text{Ni}_4\text{P}_3$. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 259-260.	0.1	1
104	Crystal structure of neodymium palladium antimonide, $\text{NdPd}_0.85\text{Sb}_2$. Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, 287-288.	0.1	1
105	$\text{Tm}_4\text{B}_3\text{C}_4$: Preparation, crystal structure and physical properties. Solid State Communications, 2012, 152, 1531-1534.	0.9	1
106	A new ternary carbide $\text{Dy}_2\text{Mn}_2\text{C}_5$ ($x=0.6$): Preparation, crystal structure, and physical properties. Journal of Physics and Chemistry of Solids, 2015, 79, 72-77.	1.9	1
107	Crystal Chemistry of Ternary Rare Earth Transition Metal Carbides: Studies of the Tb-Fe-C System at 800°C . Solid State Phenomena, 2019, 289, 12-20.	0.3	1
108	Phase equilibria in the Ta-Mn-P system and crystal structure of ternary phosphides, representative of OsGe_2 -type structure. Journal of Solid State Chemistry, 2019, 277, 77-82.	1.4	1

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109	A new ternary silicide $GdFe_{1-x}Si_2$ ($x=0.32$): preparation, crystal and electronic structure. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 217-223.	0.3	1
110	Phase equilibria in Er-Zr-Ni system at 800 K in ErNi-ZrNi region. Visnyk of the Lviv University Series Chemistry, 2021, 62, 5.	0.0	1
111	Crystal and electronic structure of the new ternary phosphide $Ho_5Pd_{19}P_{12}$. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 669-676.	0.3	1
112	SYSTEM Tb-Ni-C AT 800 °C. CRYSTAL AND ELECTRONIC STRUCTURE OF TbNiC ₂ SINGLE CRYSTAL. Proceedings of the Shevchenko Scientific Society Series Chemical Sciences, 2018, 2018, 7-15.	0.2	1
113	Flux synthesis, crystal structure and electronic properties of the layered rare earth metal boride silicide Er_3Si_5B . An example of a boron/silicon-ordered structure derived from the AlB_2 structure type. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 869-879.	0.3	1
114	Redetermination of Dy ₃ Ni from single-crystal X-ray data. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, i80-i80.	0.2	1
115	Phase equilibria and crystal structure of compounds of the Tb-Ba-C system at 1270 K. Visnyk of the Lviv University Series Chemistry, 2019, 60, 12.	0.0	1
116	PHASE EQUILIBRIA AND CRYSTAL STRUCTURE OF THE TERNARY COMPOUNDS IN Dy-Ba-C SYSTEM AT 1270 K. Proceedings of the Shevchenko Scientific Society Series Chemical Sciences, 2019, 2019, 45-55.	0.2	1
117	New ternary phosphides $RE_5Pd_9P_7$ ($RE=Tm, Lu$): synthesis, crystal and electronic structure. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	0.6	1
118	Crystal Structure of the Ternary Arsenide CeNi _{1.91} As _{1.94} . ChemInform, 2003, 34, no.	0.1	0
119	Crystal Structure of the Rare Earth Borosilicide Er ₈ Si ₁₇ B ₃ . ChemInform, 2003, 34, no.	0.1	0
120	Crystal structure of lanthanum borocarbide, La ₅ B ₄ C _{5-x} ($x=0.15$). Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 449-450.	0.1	0
121	Crystal structure of yttrium borosilicide, Y ₅ Si _{2-x} B ₈ ($x=0.13$). Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 185-186.	0.1	0
122	Gd ₅ Si ₂ B ₈ : A Ternary Rare-Earth-Metal Silicide Boride Compound. ChemInform, 2004, 35, no.	0.1	0
123	Crystal Structure of a New Ternary Phosphide Y ₆ Ni _{15-x} P _{10+y} ($x = 0.08, y = 0.18$). ChemInform, 2004, 35, no.	0.1	0
124	Crystal Structure and Real Structure Investigations on the Intermittent Superconductivity of La ₅ B ₂ C ₆ . ChemInform, 2005, 36, no.	0.1	0
125	B ₅ C ₅ Anionic Molecules Trapped in a Solid Matrix: The Crystal and Electronic Structures of LaBC. ChemInform, 2005, 36, no.	0.1	0
126	Refinement of the crystal structure of neodymium palladium phosphide, NdPdP. Zeitschrift Fur Kristallographie - New Crystal Structures, 2011, 226, 1-2.	0.1	0

#	ARTICLE	IF	CITATIONS
127	Diterbium heptanickel: a crystal structure redetermination. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, i42-i42.	0.2	0
128	Synthesis, XRD and EDX Studies of the New Metastable Phase $CeCr_{1-x}(\text{La}_{0.89})$. Journal of Phase Equilibria and Diffusion, 2015, 36, 638-643.	0.5	0
129	New intermetallics $R_{1+x}Zr_{1-x}Ni$ ($R = Er \text{--} Tm, x \sim 0.5$) with the $TiNiSi$ type of structure. Intermetallics, 2021, 137, 107279.	1.8	0
130	Crystal structure of lanthanum borocarbide, $La_{10}B_9C_{12}$. Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 11-12.	0.1	0
131	Crystal structure of pentapraseodymium diboropentacarbide, $Pr_5B_2C_5$. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 1-2.	0.1	0
132	Crystal structure of yttrium nickel phosphide, $Y_2Ni_4P_{30,34}$. Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 259-260.	0.1	0
133	Crystal structure of pentapraseodymium diboropentacarbide, Pr_5BC_5 . Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 1-2.	0.1	0
134	NON-STOICHIOMETRY OF $GdFe_2Si_2$: A SINGLE CRYSTAL STUDY. Proceedings of the Shevchenko Scientific Society Series Chemical Sciences, 2021, 2021, 107-116.	0.2	0