Aleksandr Gusev

List of Publications by Year
in descending order

202	3,999	136885	168321
papers	citations	32 h-index	53 g-index

214	214	214	2420
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tungsten carbides and W-C phase diagram. Inorganic Materials, 2006, 42, 121-127.	0.2	225
2	Recent progress in nanostructured silver sulfide: from synthesis and nonstoichiometry to properties. Journal of Materials Chemistry A, 2017, 5, 17676-17704.	5.2	140
3	Phase equilibria in the Wâ€“C system and tungsten carbides. Russian Chemical Reviews, 2006, 75, 617-636.	2.5	130
4	Production of nanocrystalline powders by high-energy ball milling: model and experiment. Nanotechnology, 2008, 19, 265302.	1.3	103
5	Tungsten Carbides. Springer Series in Materials Science, 2013, , .	0.4	97
6	Effects of the nanocrystalline state in solids. Physics-Uspekhi, 1998, 41, 49-76.	0.8	90
7	Orderâ€“disorder transformations and phase equilibria in strongly nonstoichiometric compounds. Physics-Uspekhi, 2000, 43, 1-37.	0.8	89
8	Superstructures of Non-Stoichiometric Interstitial Compounds and the Distribution Functions of Interstitial Atoms. Physica Status Solidi A, 1993, 135, 15-58.	1.7	87
9	Artificial silver sulfide Ag2S: Crystal structure and particle size in deposited powders. Superlattices and Microstructures, 2015, 83, 35-47.	1.4	84
10	Nonstoichiometry of nanocrystalline monoclinic silver sulfide. Physical Chemistry Chemical Physics, 2015, 17, 12466-12471.	1.3	84
11	Ordering of Cubic Titanium Monoxide into Monoclinic Ti5O5. Inorganic Materials, 2001, 37, 603-612.	0.2	83
12	Disorder and Longâ€Range Order in Nonâ€Stoichiometric Interstitial Compounds Transition Metal Carbides, Nitrides, and Oxides. Physica Status Solidi (B): Basic Research, 1991, 163, 17-54.	0.7	79
13	Phase Diagrams of Metalâ€“Carbon and Metalâ€“Nitrogen Systems and Ordering in Strongly Nonstoichiometric Carbides and Nitrides. Physica Status Solidi A, 1997, 163, 273-304.	1.7	71
14	Phase transformations in non-stoichiometric vanadium carbide. Journal of Physics Condensed Matter, 1999, 11, 163-184.	0.7	70
15	Neutron and x-ray diffraction study and symmetry analysis of phase transformations in lower tungsten carbide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">W</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">C</mml:mi></mml:mrow></mml:math>. Physical Review B, 2007, 76, .	1.1	70
16	Order-Disorder Phase Transition Channel in Niobium Carbide. Physica Status Solidi A, 1986, 93, 71-80.	1.7	61
17	High-temperature X-ray diffraction and thermal expansion of nanocrystalline and coarse-crystalline acanthite Î±-Ag₂S and argentite Î²-Ag₂S. Physical Chemistry Chemical Physics, 2016, 18, 4617-4626.	1.3	59
18	Atomic ordering and hardness of nonstoichiometric titanium carbide. International Journal of Refractory Metals and Hard Materials, 1997, 15, 61-64.	1.7	53

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19	Disorder-order phase transformations and electrical resistivity of nonstoichiometric titanium carbide. Physics of the Solid State, 1998, 40, 1211-1218.	0.2	52
20	An in situ high-temperature scanning electron microscopy study of acanthiteâ€“argentite phase transformation in nanocrystalline silver sulfide powder. Physical Chemistry Chemical Physics, 2015, 17, 20495-20501.	1.3	50
21	Nanostructured lead sulfide: synthesis, structure and properties. Russian Chemical Reviews, 2016, 85, 731-758.	2.5	49
22	Nanostructured silver sulfide: synthesis of various forms and their application. Russian Chemical Reviews, 2018, 87, 303-327.	2.5	47
23	Effect of nonstoichiometry and ordering on the period of the basis structure of cubic titanium carbide. Physics of the Solid State, 1999, 41, 1032-1038.	0.2	43
24	Vacancy distribution in ordered Me6-C5-type carbides. Journal of Physics C: Solid State Physics, 1987, 20, 5011-5025.	1.5	36
25	Atomic ordering and the order parameter functional method. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1989, 60, 307-324.	0.6	36
26	Two-sublattice ordering in titanium monoxide. JETP Letters, 2000, 71, 460-464.	0.4	36
27	Universal Approach to the Synthesis of Silver Sulfide in the Forms of Nanopowders, Quantum Dots, Coreâ€Shell Nanoparticles, and Heteronanostructures. European Journal of Inorganic Chemistry, 2016, 2016, 4944-4957.	1.0	36
28	Nanostructured Lead, Cadmium, and Silver Sulfides. Springer Series in Materials Science, 2018, , .	0.4	35
29	Incommensurate ordered phase in non-stoichiometric tantalum carbide. Journal of Physics Condensed Matter, 1996, 8, 8277-8293.	0.7	34
30	Phase equilibria in Mâ€“Xâ€“X' and Mâ€“Alâ€“X ternary systems (M = transition metal; X, X' = B, C, N, Si) and the crystal chemistry of ternary compounds. Russian Chemical Reviews, 1996, 65, 379-419.	2.5	34
31	Shortâ€Range Order in Superstructures. Physica Status Solidi (B): Basic Research, 1990, 160, 389-402.	0.7	33
32	Electrical conductivity and magnetic susceptibility of titanium monoxide. JETP Letters, 2001, 73, 621-625.	0.4	33
33	Observation of structural vacancies in titanium monoxide using transmission electron microscopy. Physics of the Solid State, 2003, 45, 87-93.	0.2	33
34	Order Parameter Functional Method in the Theory of Atomic Ordering. Physica Status Solidi (B): Basic Research, 1985, 131, 43-51.	0.7	32
35	Preparation of disordered and ordered highly nonstoichiometric carbides and evaluation of their homogeneity. Physics of the Solid State, 2000, 42, 1280-1286.	0.2	31
36	Magnetic susceptibility and atomic ordering in tantalum carbide. Physica Status Solidi A, 1988, 106, 459-466.	1.7	30

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37	Model for milling of powders. Technical Physics, 2011, 56, 975-980.	0.2	30
38	Determination of the particle sizes, microstrains, and degree of inhomogeneity in nanostructured materials from X-ray diffraction data. Glass Physics and Chemistry, 2007, 33, 276-282.	0.2	29
39	Diffraction of electrons in the CubicTi5O5 superstructure of titanium monoxide. JETP Letters, 2012, 96, 364-369.	0.4	28
40	A Study of the Atomic Ordering in the Niobium Carbide Using the Magnetic Susceptibility Method. Physica Status Solidi A, 1984, 84, 527-534.	1.7	26
41	Ti5O5 superstructures of cubic titanium monoxide. Journal of Experimental and Theoretical Physics, 2013, 117, 293-308.	0.2	26
42	Nonstoichiometry and superstructures. Physics-Uspekhi, 2014, 57, 839-876.	0.8	26
43	Calculating the energy parameters for the CV and OPF methods. Physica Status Solidi (B): Basic Research, 1987, 140, 335-346.	0.7	25
44	Heat capacity of niobium and tantalum carbides NbC_y and TaC_y in disordered and ordered states below 300 K. Physica Status Solidi (B): Basic Research, 1996, 194, 467-482.	0.7	25
45	New crystalline phase in thin lead sulfide films. JETP Letters, 2009, 89, 238-243.	0.4	25
46	The influence of imperfection of the crystal lattice on the electrokinetic and magnetic properties of disordered titanium monoxide. Physics of the Solid State, 2003, 45, 1242-1250.	0.2	24
47	Sequence of phase transformations in the formation of superstructures of the M6C5 type in nonstoichiometric carbides. Journal of Experimental and Theoretical Physics, 2009, 109, 417-433.	0.2	24
48	Facile synthesis, structure, and properties of Ag2S/Ag heteronanostructure. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	24
49	Thermal expansion, heat capacity and phase transformations in nanocrystalline and coarse-crystalline silver sulfide at 290â€“970ÀK. Journal of Thermal Analysis and Calorimetry, 2018, 131, 1155-1164.	2.0	24
50	Title is missing!. Physics-Uspekhi, 2006, 49, 693.	0.8	23
51	Effect of ball milling parameters on the particle size in nanocrystalline powders. Technical Physics Letters, 2007, 33, 828-832.	0.2	23
52	Effect of particle size on the oxidation of WC powders during heating. Inorganic Materials, 2011, 47, 133-138.	0.2	23
53	Polymorphic transformation in nanocrystalline silver sulfide. Physics of the Solid State, 2016, 58, 30-36.	0.2	23
54	Atomic Ordering and Phase Equilibria in Strongly Nonstoichiometric Carbides and Nitrides. , 1999, , 47-64.		22

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55	Twinning and short-range order in ordered titanium monoxide. Physics of the Solid State, 2006, 48, 1689-1697.	0.2	21
56	Band structure and properties of polymorphic modifications of lower tungsten carbide W2C. Physics of the Solid State, 2008, 50, 1420-1426.	0.2	21
57	Thermal expansion of nanocrystalline and coarse-crystalline silver sulfide Ag2S. Physics of the Solid State, 2016, 58, 251-257.	0.2	20
58	93Nb NMR study of an ordered and a disordered non-stoichiometric niobium carbide. Journal of Physics C: Solid State Physics, 1987, 20, 5655-5666.	1.5	19
59	Shortâ€Range Order in Nonstoichiometrie Transition Metal Carbides, Nitrides, and Oxides. Physica Status Solidi (B): Basic Research, 1989, 156, 11-40.	0.7	19
60	Mechanical milling process modeling and making WC nanocrystalline powder. Inorganic Materials, 2009, 45, 35-42.	0.2	19
61	Neutron diffraction study of nanocrystalline NbC0.93 powders and the anisotropy of deformation distortions. JETP Letters, 2015, 100, 629-634.	0.4	18
62	Superconductivity in Disordered and Ordered Niobium Carbide. Physica Status Solidi (B): Basic Research, 1989, 151, 211-224.	0.7	17
63	Order-disorder phase transformations and specific heat of nonstoichiometric vanadium carbide. Physics of the Solid State, 1999, 41, 474-480.	0.2	17
64	Nanostructure and atomic ordering in vanadium carbide. JETP Letters, 1999, 69, 472-478.	0.4	16
65	Ordering effects in nonstoichiometric titanium carbide. Inorganic Materials, 2000, 36, 155-161.	0.2	16
66	Observation of structural vacancies. JETP Letters, 2003, 77, 25-29.	0.4	16
67	Optical properties of nanostructured lead sulfide films with a D03 cubic structure. Semiconductors, 2011, 45, 1559-1570.	0.2	16
68	Structure and properties of nanoscale Ag 2 S/Ag heterostructure. Materials Letters, 2017, 188, 351-354.	1.3	16
69	Thermal expansion of nanostructured PbS films and anharmonicity of atomic vibrations. Physics of the Solid State, 2014, 56, 2353-2358.	0.2	15
70	Acanthiteâ€“argentite transformation in nanocrystalline silver sulfide and the Ag2S/Ag nanoheterostructure. Semiconductors, 2016, 50, 682-687.	0.2	15
71	Effect of nonstoichiometry on elastic properties of niobium carbide NbC. International Journal of Refractory Metals and Hard Materials, 2021, 95, 105435.	1.7	15
72	Nitrogen Partial Pressure of Stoichiometric and Nonstoichiometric Titanium, Vanadium and Niobium Nitrides and Carbonitrides. Physica Status Solidi (B): Basic Research, 1998, 209, 267-286.	0.7	14

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73	Atomic-vacancy ordering and magnetic susceptibility of nonstoichiometric hafnium carbide. JETP Letters, 1999, 69, 324-329.	0.4	14
74	Title is missing!. Journal of Structural Chemistry, 2001, 42, 1002-1024.	0.3	14
75	V8C7â€"Î´ superstructure in nonstoichiometric vanadium carbide powders. JETP Letters, 2015, 102, 154-160.	0.4	14
76	Thermal expansion and the heat capacity of nanocrystalline and coarse-crystalline silver sulfide Ag2S. Physics of the Solid State, 2017, 59, 1887-1894.	0.2	13
77	Effect of ordering on the structure and specific heat of nonstoichiometric titanium carbide. JETP Letters, 1999, 69, 669-675.	0.4	12
78	Ordering effects on the microstructure and microhardness of nonstoichiometric titanium carbide TiCy. Inorganic Materials, 2000, 36, 695-698.	0.2	12
79	Title is missing!. Inorganic Materials, 2003, 39, 43-47.	0.2	12
80	Ordering of the lowest tungsten carbide W2C. JETP Letters, 2007, 85, 34-39.	0.4	12
81	Vacuum annealing of nanocrystalline WC powders. Inorganic Materials, 2012, 48, 680-690.	0.2	12
82	Domains of the phases V8C7 and V3C2 in bulk carbide VC y. JETP Letters, 2015, 101, 533-538.	0.4	12
83	Silver sulfide nanoparticles with a carbon-containing shell. Inorganic Materials, 2016, 52, 441-446.	0.2	12
84	Anisotropy of microstructure and elastic properties of niobium carbide nanopowders. Solid State Sciences, 2020, 100, 106092.	1.5	12
85	Relation between Shortâ€Range and Longâ€Range Order in Solid Solutions with Basal B.C.C. and F.C.C. Structures. Physica Status Solidi (B): Basic Research, 1985, 130, 413-420.	0.7	11
86	Dependence of the resistivity of nonstoichiometric titanium carbide TiCy on the density and distribution of carbon vacancies. JETP Letters, 1999, 70, 294-300.	0.4	11
87	Ordered orthorhombic phases of titanium monoxide. JETP Letters, 2001, 74, 91-95.	0.4	11
88	Ordering in the Î¶-Ta4C3â^'x carbide phase. JETP Letters, 2005, 82, 287-291.	0.4	11
89	Magnetic susceptibility of nonstoichiometric compounds of transition d-metals. Physics-Uspekhi, 2005, 48, 651-673.	0.8	11
90	Accounting for nonstoichiometry of niobium carbide NbC y upon milling to a nanocrystalline state. Physics of the Solid State, 2013, 55, 2522-2530.	0.2	11

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91	Magnetic susceptibility of palladium subjected to severe plastic deformation. Physica Status Solidi (B): Basic Research, 1996, 196, 251-260.	0.7	10
92	Surface segregation of ZrC from a carbide solid solution. Physics of the Solid State, 2002, 44, 68-74.	0.2	10
93	Title is missing!. Doklady Physical Chemistry, 2003, 390, 147-151.	0.2	10
94	Atomic-vacancy ordering in the carbide phase Î¶-Ta4C3t-x. Physics of the Solid State, 2006, 48, 1634-1645.	0.2	10
95	Surface segregation in decomposing carbide solid solutions. JETP Letters, 2008, 88, 435-440.	0.4	10
96	Effect of the nonstoichiometry of tantalum carbide TaC y on the particle size of nanopowders prepared by milling. Physics of the Solid State, 2015, 57, 70-78.	0.2	10
97	ZrC Segregation to the Surface of Dilute Solid Solutions of Zirconium Carbide in Niobium Carbide. Inorganic Materials, 2001, 37, 1024-1029.	0.2	9
98	Annealing-induced ordering of bulk nonstoichiometric vanadium carbide. Inorganic Materials, 2006, 42, 14-18.	0.2	9
99	Preparation and microstructure of VC0.875 nanopowder. Inorganic Materials, 2013, 49, 347-354.	0.2	9
100	Family of Ti5O5 superstructures. Journal of Experimental and Theoretical Physics, 2015, 120, 851-859.	0.2	9
101	High-energy ball milling of nonstoichiometric compounds. Physics-Uspekhi, 2020, 63, 342-364.	0.8	9
102	Elastic properties of superionic cubic silver sulfide Î²-Ag₂S. Physical Chemistry Chemical Physics, 2021, 23, 2914-2922.	1.3	9
103	Particle size effects on the oxidation of tungsten carbide nanopowders. Russian Journal of Physical Chemistry A, 2010, 84, 2095-2101.	0.1	8
104	Symmetry analysis of ordered phases of the lower tungsten carbide W2C. Physics of the Solid State, 2011, 53, 175-181.	0.2	8
105	Effect of the milling energy on the anisotropy of deformation distortions in nanocrystalline powders of nonstoichiometric tantalum carbide TaC y. Physics of the Solid State, 2015, 57, 1166-1176.	0.2	8
106	Effect of nonstoichiometry on the lattice constant of cubic vanadium carbide VC y. Physics of the Solid State, 2017, 59, 1520-1525.	0.2	8
107	The Effect of Temperature on the Particle Sizes and the Recrystallization of Silver Sulfide Nanopowders. Physics of the Solid State, 2018, 60, 1308-1315.	0.2	8
108	Argentite-Acanthite Transformation in Silver Sulfide as a Disorder-Order Transition. JETP Letters, 2019, 109, 584-588.	0.4	8

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109	Ordering Sequence in Strongly Nonstoichiometric Niobium Carbide with the Formation of Nb6C5-Type Superstructures. Journal of Experimental and Theoretical Physics, 2019, 129, 863-876.	0.2	8
110	Nonstoichiometry, structure and properties of nanocrystalline oxides, carbides and sulfides. Russian Chemical Reviews, 2021, 90, 601-626.	2.5	8
111	High-Temperature Heat Capacity and Order-Disorder Phase Transformations in Nonstoichiometric Titanium Carbide. Physica Status Solidi (B): Basic Research, 1999, 212, R11-R12.	0.7	7
112	Preparation of nanocrystalline lead sulfide powder with controlled particles size. Russian Journal of General Chemistry, 2014, 84, 173-180.	0.3	7
113	Structure and stoichiometry of nanocrystalline silver sulfide. Doklady Physical Chemistry, 2015, 464, 238-243.	0.2	7
114	Milling of nonstoichiometric niobium carbide powder to a nanocrystalline state. Inorganic Materials, 2015, 51, 29-37.	0.2	7
115	Low-temperature decomposition and segregation on a surface in carbide-containing solid solutions of the zirconiumâ€“niobiumâ€“carbon system and in related ternary systems. Physical Chemistry Chemical Physics, 2020, 22, 14918-14931.	1.3	7
116	Mechanical properties of nonstoichiometric cubic titanium carbide TiC_y. Physical Chemistry Chemical Physics, 2021, 23, 18558-18567.	1.3	7
117	Ordering of Tungsten Carbides. Springer Series in Materials Science, 2013, , 57-108.	0.4	7
118	Atomic Displacements in the Î±â€“Î² Phase Transition in Ag2S and in Ag2S/Ag Heterostructure. Journal of Experimental and Theoretical Physics, 2019, 129, 1005-1016.	0.2	7
119	Electrokinetic and magnetic properties of cubic titanium monoxide with a double-defect structure. Doklady Physics, 2002, 47, 39-43.	0.2	6
120	Phase transitions in the lowest tungsten carbide W2C. Doklady Physics, 2007, 52, 656-662.	0.2	6
121	The disorder-order transition in cubic vanadium monoxide with vacancies in the metal sublattice. Journal of Experimental and Theoretical Physics, 2009, 108, 267-278.	0.2	6
122	DO3-type cubic structure of nonstoichiometric vanadium monoxide. JETP Letters, 2010, 91, 286-291.	0.4	6
123	Phases and Equilibria in the Wâ€“C and Wâ€“Coâ€“C Systems. Springer Series in Materials Science, 2013, , 5-56.	0.4	6
124	Synthesis and characterization of novel stellate sea-urchin-like silver particles with extremely low density and superhydrophobicity. Journal of Materials Chemistry A, 2017, 5, 20289-20297.	5.2	6
125	Synthesis of Ag₂S colloidal solutions in D₂O heavy water. RSC Advances, 2020, 10, 40171-40179.	1.7	6
126	Structural and mechanical properties of predicted vacancy ordered tantalum carbide phases. Acta Materialia, 2022, 223, 117449.	3.8	6

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127	Magnetic properties of a monocrystalline quasicrystal in the Al-Pd-Mn system. JETP Letters, 2000, 72, 144-147.	0.4	5
128	Title is missing!. Journal of Structural Chemistry, 2001, 42, 470-484.	0.3	5
129	Analysis of Surface Segregation and Solid-Phase Decomposition of Substitutional Solid Solutions. Doklady Physical Chemistry, 2003, 392, 235-239.	0.2	5
130	Magnetic Susceptibility of Tungsten Carbide: Relaxation and Impurity Effects. JETP Letters, 2005, 82, 509.	0.4	5
131	Ordering of nonstoichiometric hexagonal compounds M 2 X: A sequence of special figures. Physics of the Solid State, 2009, 51, 2051-2057.	0.2	5
132	Sequence of disorder-order and order-order transitions accompanying the formation of M2X superstructures. JETP Letters, 2010, 91, 119-124.	0.4	5
133	Elastic and thermal properties of Zr z Nb1 â^' z C x N y solid solutions. Physics of the Solid State, 2013, 55, 1557-1561.	0.2	5
134	Microstructure of nanocrystalline nonstoichiometric vanadium carbide VC0.875. Physics of the Solid State, 2013, 55, 430-436.	0.2	5
135	Preparation and structural characterization of nanocrystalline vanadium carbide VCy powder on the upper boundary of its homogeneity interval. Mendeleev Communications, 2014, 24, 338-339.	0.6	5
136	A sequence of transformations related to the formation of M3X2-type superstructures. Journal of Experimental and Theoretical Physics, 2015, 120, 91-96.	0.2	5
137	Effect of small particle sizes on the measured density of nanocrystalline powders of nonstoichiometric tantalum carbide TaC y. Physics of the Solid State, 2016, 58, 1687-1693.	0.2	5
138	Evolution of microstructure of niobium carbide NbC_{0.77} powders. Crystal Research and Technology, 2017, 52, 1700061.	0.6	5
139	Time-of-flight neutron diffraction of nanocrystalline powders of nonstoichiometric niobium carbide NbC0.77. Physics of the Solid State, 2017, 59, 607-612.	0.2	5
140	Ag2S/Ag heteronanostructure. JETP Letters, 2017, 106, 587-592.	0.4	5
141	Microinhomogeneity of the Structure of Nanocrystalline Niobium and Vanadium Carbides. JETP Letters, 2018, 108, 253-259.	0.4	5
142	Disorderâ€“order and orderâ€“order phase transformations in Ta₅C₄phases predicted using the evolutionary algorithm and symmetry analysis. Physical Chemistry Chemical Physics, 2020, 22, 24116-24132.	1.3	5
143	Niobium Monoxide Superstructures. JETP Letters, 2020, 111, 176-182.	0.4	5
144	Vacancy ordered phases of nonstoichiometric hafnium carbide from evolutionary crystal structure predictions. Journal of Alloys and Compounds, 2022, 891, 162063.	2.8	5

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145	Polymorphic Phase Transformations in Nanocrystalline Ag2S Silver Sulfide in a Wide Temperature Interval and Influence of Nanostructured Ag2S on the Interface Formation in Ag2S/ZnS Heteronanostructure. Nanomaterials, 2022, 12, 1668.	1.9	5
146	Structural Vacancies in Nonstoichiometric Compounds at High Pressure. Thermodynamic Model. Physica Status Solidi A, 1984, 85, 159-166.	1.7	4
147	Effect of atomic ordering on the heat-capacity of non-stoichiometric niobium carbide. Physica Status Solidi A, 1984, 86, K11-K14.	1.7	4
148	Structure and Specific Heat of Disordered and Ordered Titanium Monoxide TiOy. Journal of Structural Chemistry, 2003, 44, 235-242.	0.3	4
149	Short-range order and twins in ordered titanium monoxide. JETP Letters, 2004, 79, 468-472.	0.4	4
150	Cluster formation in LiNi0.4Fe0.6O2. Physics of the Solid State, 2004, 46, 1686-1692.	0.2	4
151	Magnetic Susceptibility and Thermal Stability of Nanocrystalline Tungsten Carbide. Doklady Physical Chemistry, 2005, 405, 229-234.	0.2	4
152	Crystal structure and microstructure of disordered and ordered vanadium carbonitrides. Inorganic Materials, 2007, 43, 827-833.	0.2	4
153	Atomic-vacancy ordering in the lowest tungsten carbide W2C. Journal of Experimental and Theoretical Physics, 2007, 105, 710-721.	0.2	4
154	Quasielastic neutron scattering study of hydrogen motion in NbC0.71H0.28. Journal of Physics Condensed Matter, 2009, 21, 175410.	0.7	4
155	Neutron diffraction analysis of a defect vanadium monoxide close to the equiatomic vanadium monoxide. JETP Letters, 2009, 89, 194-199.	0.4	4
156	Effect of carbon vacancies on the electric resistivity of nonstoichiometric VC y vanadium carbide. JETP Letters, 2009, 90, 191-196.	0.4	4
157	Effects of nonstoichiometry and ordering on the basic lattice constant of vanadium carbide VC y. JETP Letters, 2017, 105, 357-363.	0.4	4
158	Atomic Ordering as a New Method of Producing a Nanostructure. , 2003, , 313-327.		4
159	Local Static and Dynamic Atomic Displacements in Disordered Niobium Carbide. Physica Status Solidi (B): Basic Research, 1989, 154, 453-459.	0.7	3
160	Nanostructure of Dispersed and Compact Nonstoichiometric Vanadium Carbide. Russian Journal of General Chemistry, 2002, 72, 997-1006.	0.3	3
161	Ordered phases of lithium nickelite Li1â^'xâ^'z Ni1+x O2. JETP Letters, 2004, 79, 148-154.	0.4	3
162	V52O64 tetragonal superstructure of cubic vanadium monoxide with vacancies in the metal sublattice. JETP Letters, 2008, 88, 111-117.	0.4	3

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163	Ordered monoclinic vanadium suboxide V14O6. Physics of the Solid State, 2009, 51, 156-164.	0.2	3
164	Determination of the probability of existence of pair interactions in the formation of M 2t X 2tâ˜'1Superstructures in MX y nonstoichiometric compounds. Physics of the Solid State, 2010, 52, 370-376.	0.2	3
165	Ordering of MX y nonstoichiometric compounds with the formation of M 2 X superstructures. Physics of the Solid State, 2010, 52, 1935-1940.	0.2	3
166	Long- and short-range order in the Pd6B monoclinic superstructure and M6X5 and M6X allied superstructures. Journal of Experimental and Theoretical Physics, 2011, 113, 96-105.	0.2	3
167	Symmetry analysis of the monoclinic Pd6B superstructure: Long- and short-range orders. Physics of the Solid State, 2011, 53, 1664-1671.	0.2	3
168	Considering the polynuclear complexes in the ionic equilibria of the Pb2+-H2O system. Russian Journal of General Chemistry, 2012, 82, 626-634.	0.3	3
169	Hydrochemical precipitation of nanocrystalline lead sulfide powders. Inorganic Materials, 2015, 51, 1219-1224.	0.2	3
170	Anisotropy of strain distortions in nanocrystalline VC0.875 powders. Physics of the Solid State, 2015, 57, 1855-1860.	0.2	3
171	Strain distortions in vanadium carbide VC0.875 nanopowders. Mendeleev Communications, 2015, 25, 353-355.	0.6	3
172	Argentiteâ€“Acanthite Transition in Silver Sulfide as a Two-Sublattice Ordering. Journal of Experimental and Theoretical Physics, 2019, 129, 1045-1054.	0.2	3
173	Interface in Ag2S/ZnS Nanoheterostructures. JETP Letters, 2021, 113, 706-712.	0.4	3
174	Nanostructured Silver Sulfide Ag2S. Springer Series in Materials Science, 2018, , 189-312.	0.4	3
175	M5C4 Phasesâ€”New Family of Carbide Superstructures. Journal of Experimental and Theoretical Physics, 2020, 131, 572-581.	0.2	3
176	Phase Diagram for the Zrâ€“Nbâ€“C System. Doklady Physical Chemistry, 2000, 375, 249-253.	0.2	2
177	Effect of ordering on the structure and heat capacity of cubic vanadium carbonitrides VCxNy. JETP Letters, 2007, 84, 598-603.	0.4	2
178	Magnetic susceptibility and thermal stability of particle size of nanocrystalline tungsten carbide WC. Physics of the Solid State, 2007, 49, 1780-1786.	0.2	2
179	Monoclinic superstructure V14O6 of the tetragonal solid solution of oxygen in vanadium. JETP Letters, 2008, 86, 657-661.	0.4	2
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