

# Lada V. Yashina

## List of Publications by Year in descending order

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148  
papers

3,758  
citations

117625

34  
h-index

161849

54  
g-index

150  
all docs

150  
docs citations

150  
times ranked

5476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust behavior and spin-texture stability of the topological surface state in Bi <sub>2</sub> Se <sub>3</sub> upon deposition of gold. <i>Npj Quantum Materials</i> , 2022, 7, .	5.2	5
2	Computational insight into the grain boundary structure and atomic mobility in metallic lithium. <i>Acta Materialia</i> , 2022, 233, 117988.	7.9	4
3	Angle-Resolved Photoemission of Topological Matter: Examples from Magnetism, Electron Correlation, and Phase Transitions. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2000371.	1.5	2
4	Ambiguities in solvation free energies from cluster-continuum quasichemical theory: lithium cation in protic and aprotic solvents. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 16077-16088.	2.8	10
5	WS <sub>2</sub> nanotubes dressed in gold and silver: Synthesis, optoelectronic properties, and NO <sub>2</sub> sensing. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
6	Impact of Cathodic Electric Double Layer Composition on the Performance of Aprotic Li-O <sub>2</sub> Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 030520.	2.9	9
7	Impact of ordering on the reactivity of mixed crystals of topological insulators with anion substitution: Bi <sub>2</sub> SeTe <sub>2</sub> and Sb <sub>2</sub> SeTe <sub>2</sub> . <i>Applied Surface Science</i> , 2021, 541, 148490.	6.1	0
8	On the catalytic and degradative role of oxygen-containing groups on carbon electrode in non-aqueous ORR. <i>Carbon</i> , 2021, 176, 632-641.	10.3	9
9	First-Principles Study of the Surfaces and Equilibrium Shape of Discharge Products in Li-Air Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24984-24994.	8.0	7
10	Observation of a giant mass enhancement in the ultrafast electron dynamics of a topological semimetal. <i>Communications Physics</i> , 2021, 4, .	5.3	4
11	Nitrogen-doped graphene on a curved nickel surface. <i>Carbon</i> , 2021, 183, 711-720.	10.3	2
12	Hybrid h-BN-Graphene Monolayer with B-C Boundaries on a Lattice-Matched Surface. <i>Chemistry of Materials</i> , 2020, 32, 1172-1181.	6.7	7
13	Enhanced surface sensitivity of X-ray photoelectron holography through the example of Bi <sub>2</sub> Te <sub>3</sub> (111) surface. <i>Applied Surface Science</i> , 2020, 505, 144531.	6.1	0
14	Positive Electrode Passivation by Side Discharge Products in Li-O <sub>2</sub> Batteries. <i>Langmuir</i> , 2020, 36, 8716-8722.	3.5	9
15	Atomic and Electronic Structure of a Multidomain GeTe Crystal. <i>ACS Nano</i> , 2020, 14, 16576-16589.	14.6	15
16	Lithium Planar Deposition vs Whisker Growth: Crucial Role of Surface Diffusion. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10511-10518.	4.6	15
17	Reconstruction of atomic structure using holographic methods. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
18	Free-standing Li <sup>+</sup> -conductive films based on PEO-PVDF blends. <i>RSC Advances</i> , 2020, 10, 16118-16124.	3.6	20

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19	In Situ XPS Studies of Solid Electrolyte Electroreduction Through Graphene Electrode. Journal of the Electrochemical Society, 2020, 167, 110533.	2.9	3
20	Revising the pathways of the Li reaction with organic carbonates. Physical Chemistry Chemical Physics, 2020, 22, 16184-16192.	2.8	4
21	Comparative Catalytic Activity of Graphene Imperfections in Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2020, 124, 6038-6053.	3.1	12
22	Homogeneous nucleation of $\text{Li}_2\text{O}_2$ under $\text{O}_2$ battery discharge. Nanoscale, 2020, 12, 4591-4601.	5.6	19
23	Mechanistic Studies of Gas Reactions with Multicomponent Solids: What Can We Learn By Combining NAP XPS and Atomic Resolution STEM/EDX?. Journal of Physical Chemistry C, 2019, 123, 26201-26210.	3.1	6
24	Decoding the structure of interfaces and impurities in 2D materials by photoelectron holography. 2D Materials, 2019, 6, 045046.	4.4	5
25	Photoelectromagnetic Effect Induced by Terahertz Radiation in $(\text{Bi}_{1-x}\text{Sbx})_2\text{Te}_3$ Topological Insulators. Semiconductors, 2019, 53, 37-41.	0.5	2
26	The role of glass crystallization processes in preparation of high Li-conductive NASICON-type ceramics. CrystEngComm, 2019, 21, 3106-3115.	2.6	14
27	Tape-casted liquid-tight lithium-conductive membranes for advanced lithium batteries. Journal of Materials Science, 2019, 54, 8531-8541.	3.7	5
28	Small-angle neutron scattering studies of pore filling in carbon electrodes: mechanisms limiting lithium-air battery capacity. Nanoscale, 2019, 11, 6838-6845.	5.6	24
29	Electromigration in Lithium Whisker Formation Plays Insignificant Role during Electroplating. ChemElectroChem, 2019, 6, 1324-1328.	3.4	17
30	Local structural analysis of In-doped $\text{Bi}_2\text{Se}_3$ topological insulator using X-ray fluorescence holography. Surface and Interface Analysis, 2019, 51, 51-55.	1.8	20
31	Studies of electrochemical interfaces by TOF neutron reflectometry at the IBR-2 reactor. Journal of Physics: Conference Series, 2018, 994, 012006.	0.4	1
32	Native and graphene-coated flat and stepped surfaces of TiC. Carbon, 2018, 132, 656-666.	10.3	17
33	Enhancing lithium-ion conductivity in NASICON glass-ceramics by adding yttria. CrystEngComm, 2018, 20, 1375-1382.	2.6	29
34	High-temperature quantum oscillations of the Hall resistance in bulk $\text{Bi}_2\text{Se}_3$ . Scientific Reports, 2018, 8, 485.	3.3	17
35	Photoelectron Diffraction and Holography Studies of 2D Materials and Interfaces. Journal of the Physical Society of Japan, 2018, 87, 061005.	1.6	14
36	Spin-polarized Fermi surface, hole-doping and band gap in graphene with boron impurities. Nanoscale, 2018, 10, 22810-22817.	5.6	2

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37	5. Characterization methods. , 2018, , 261-408.		0
38	Site- and spin-dependent coupling at the highly ordered $\text{hBN/Co(0001)}$ interface. Physical Review B, 2018, 98, .	3.2	15
39	Anomalous behavior of the electronic structure of $\text{ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td}$ across the quantum phase transition from topological to triv. Physical Review B, 2018, 98, .	3.2	16
40	Gold Decoration and Photoresistive Response to Nitrogen Dioxide of $\text{WS}_2$ Nanotubes. Chemistry - A European Journal, 2018, 24, 18952-18962.	3.3	27
41	Impact of ultrafast transport on the high-energy states of a photoexcited topological insulator. Physical Review B, 2018, 98, .	3.2	12
42	Notable Reactivity of Acetonitrile Towards $\text{Li}_2\text{O}_2/\text{LiO}_2$ Probed by NAP XPS During $\text{Li-O}_2$ Battery Discharge. Topics in Catalysis, 2018, 61, 2114-2122.	2.8	12
43	Cobalt-assisted recrystallization and alignment of pure and doped graphene. Nanoscale, 2018, 10, 12123-12132.	5.6	13
44	Can surface reactivity of mixed crystals be predicted from their counterparts? A case study of $(\text{Bi}_{1-x}\text{Sbx})_2\text{Te}_3$ topological insulators. Journal of Materials Chemistry C, 2018, 6, 8941-8949.	5.5	15
45	X-ray photoelectron spectroscopy study of the interaction of lithium with graphene. Physical Sciences Reviews, 2018, 3, .	0.8	0
46	Monitoring of lithium plating by neutron reflectometry. Applied Surface Science, 2017, 424, 378-382.	6.1	47
47	Subpicosecond spin dynamics of excited states in the topological insulator $\text{Bi}_2\text{Te}_3$ . Physical Review B, 2017, 95, .		
48	Laser-induced persistent photovoltage on the surface of a ternary topological insulator at room temperature. Applied Physics Letters, 2017, 110, .	3.3	23
49	Raman Spectroscopy of Lattice-Matched Graphene on Strongly Interacting Metal Surfaces. ACS Nano, 2017, 11, 6336-6345.	14.6	52
50	Lithium Ion Coupled Electron-Transfer Rates in Superconcentrated Electrolytes: Exploring the Bottlenecks for Fast Charge-Transfer Rates with $\text{LiMn}_2\text{O}_4$ Cathode Materials. Langmuir, 2017, 33, 9378-9389.	3.5	29
51	Size-Dependent Structure Relations between Nanotubes and Encapsulated Nanocrystals. Nano Letters, 2017, 17, 805-810.	9.1	24
52	Mechanism of Oxygen Reduction in Aprotic $\text{Li-O}_2$ Air Batteries: The Role of Carbon Electrode Surface Structure. Journal of Physical Chemistry C, 2017, 121, 1569-1577.	3.1	80
53	Observation of hidden atomic order at the interface between Fe and topological insulator $\text{Bi}_2\text{Te}_3$ . Physical Chemistry Chemical Physics, 2017, 19, 30520-30532.	2.8	8
54	Laterally Selective Oxidation of Large-Scale Graphene with Atomic Oxygen. Journal of Physical Chemistry C, 2017, 121, 27915-27922.	3.1	18

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55	Double Fe-impurity charge state in the topological insulator Bi <sub>2</sub> Se <sub>3</sub> . Applied Physics Letters, 2017, 111, .	3.3	7
56	Manifestation of topological surface electron states in the photoelectromagnetic effect induced by terahertz laser radiation. Semiconductor Science and Technology, 2016, 31, 095010.	2.0	17
57	A study of surface electron states in topological insulators (Bi <sub>1-x</sub> In <sub>x</sub> ) <sub>2</sub> Se <sub>3</sub> with the use of terahertz laser radiation. , 2016, , .		0
58	Self-assembled nanoparticle patterns on carbon nanowall surfaces. Physical Chemistry Chemical Physics, 2016, 18, 12344-12349.	2.8	14
59	Environmental control of electron-phonon coupling in barium doped graphene. 2D Materials, 2016, 3, 045003.	4.4	14
60	Tuning Surface Chemistry of TiC Electrodes for Lithium-Air Batteries. Chemistry of Materials, 2016, 28, 8248-8255.	6.7	29
61	Ultrafast spin-polarization control of Dirac fermions in topological insulators. Physical Review B, 2016, 93, .	3.2	61
62	Rapid Surface Oxidation of Sb <sub>2</sub> Te <sub>3</sub> as Indication for a Universal Trend in the Chemical Reactivity of Tetradymite Topological Insulators. Chemistry of Materials, 2016, 28, 8916-8923.	6.7	27
63	2D layered transport properties from topological insulator Bi <sub>2</sub> Se <sub>3</sub> single crystals and micro flakes. Scientific Reports, 2016, 6, 27483.	3.3	55
64	Large-Scale Sublattice Asymmetry in Pure and Boron-Doped Graphene. Nano Letters, 2016, 16, 4535-4543.	9.1	55
65	Nonmagnetic band gap at the Dirac point of the magnetic topological insulator (Bi <sub>1-x</sub> Mnx) <sub>2</sub> Se <sub>3</sub> . Nature Communications, 2016, 7, 10559.	12.8	102
66	The impact of dimensionality and stoichiometry of CuBr on its coupling to sp-carbon. Carbon, 2016, 99, 619-623.	10.3	9
67	Detection of highly conductive surface electron states in topological crystalline insulators Pb <sub>1-x</sub> Sn <sub>x</sub> Se using laser terahertz radiation. Scientific Reports, 2015, 5, 11540.	3.3	29
68	Atomically precise semiconductor-graphene and hBN interfaces by Ge intercalation. Scientific Reports, 2015, 5, 17700.	3.3	24
69	Probing Operating Electrochemical Interfaces by Photons and Neutrons. ChemElectroChem, 2015, 2, 1427-1445.	3.4	51
70	Terahertz probing of surface electron states in topological crystalline insulators Pb <sub>1-x</sub> Sn <sub>x</sub> Se. , 2015, , .		0
71	Oxygen Reduction by Lithiated Graphene and Graphene-Based Materials. ACS Nano, 2015, 9, 320-326.	14.6	28
72	Atomic structure of Bi <sub>2</sub> Te <sub>3</sub> surfaces probed by photoelectron diffraction and holography. Physical Review B, 2015, 91, .		26

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73	The effect of LiFeBO <sub>3</sub> /C composite synthetic conditions on the quality of the cathodic material for lithium-ion batteries. Russian Journal of Electrochemistry, 2015, 51, 619-626.	0.9	6
74	Epitaxial B-Graphene: Large-Scale Growth and Atomic Structure. ACS Nano, 2015, 9, 7314-7322.	14.6	49
75	Experimental and theoretical studies on the electronic properties of praseodymium chloride-filled single-walled carbon nanotubes. Journal of Materials Science, 2015, 50, 5419-5430.	3.7	11
76	Insight into Bio-metal Interface Formation in vacuo: Interplay of S-layer Protein with Copper and Iron. Scientific Reports, 2015, 5, 8710.	3.3	17
77	Experimental and Computational Insight into the Chemical Bonding and Electronic Structure of Clathrate Compounds in the Sn-In-As System. Inorganic Chemistry, 2015, 54, 11542-11549.	4.0	2
78	Anisotropic effect of warping on the lifetime broadening of topological surface states in angle-resolved photoemission from $\text{Bi}_2\text{Te}_3$ . Physical Review B, 2014, 90, .	3.2	34
79	Tailoring of the carbon nanowall microstructure by sharp variation of plasma radical composition. Physical Chemistry Chemical Physics, 2014, 16, 25621-25627.	2.8	17
80	The Chemistry of Imperfections in N-Graphene. Nano Letters, 2014, 14, 4982-4988.	9.1	69
81	Photoemission of $\text{Bi}_2\text{Te}_3$ under Circularly Polarized Light: Probe of Spin Polarization or Means for Spin Manipulation?. Physical Review X, 2014, 4, .	8.9	76
82	Controlled assembly of graphene-capped nickel, cobalt and iron silicides. Scientific Reports, 2013, 3, 2168.	3.3	49
83	Comparison of modification of electronic properties of single-walled carbon nanotubes filled with metal halogenide, chalcogenide, and pure metal. Applied Physics A: Materials Science and Processing, 2013, 112, 297-304.	2.3	38
84	Reactivity of Carbon in Lithium-Oxygen Battery Positive Electrodes. Nano Letters, 2013, 13, 4697-4701.	9.1	262
85	Charge transfer in single-walled carbon nanotubes filled with cadmium halogenides. Journal of Materials Science, 2013, 48, 8412-8419.	3.7	33
86	Intact Dirac cone of $\text{Bi}_2\text{Te}_3$ covered with a monolayer Fe. Physica Status Solidi - Rapid Research Letters, 2013, 7, 139-141.	2.4	18
87	Preparation of Nanocrystalline Nitrogen-doped Mesoporous Titanium Dioxide. Mendeleev Communications, 2013, 23, 11-13.	1.6	5
88	Reversal of the Circular Dichroism in Angle-Resolved Photoemission from $\text{Bi}_2\text{Te}_3$ . Physical Review Letters, 2013, 110, 216801.	7.8	77
89	Negligible Surface Reactivity of Topological Insulators $\text{Bi}_2\text{Se}_3$ and $\text{Bi}_2\text{Te}_3$ towards Oxygen and Water. ACS Nano, 2013, 7, 5181-5191.	14.6	118
90	Kinetic Isotope Effect in the Hydrogenation and Deuteration of Graphene. Advanced Functional Materials, 2013, 23, 1628-1635.	14.9	38

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91	Role of PdO <sub>x</sub> and RuO <sub>y</sub> Clusters in Oxygen Exchange between Nanocrystalline Tin Dioxide and the Gas Phase. Journal of Physical Chemistry C, 2013, 117, 23858-23867.	3.1	28
92	Carbon nanowalls: the next step for physical manifestation of the black body coating. Scientific Reports, 2013, 3, 3328.	3.3	64
93	The structure and electronic properties of copper iodide 1D nanocrystals within single walled carbon nanotubes. Journal of Physics: Conference Series, 2013, 471, 012035.	0.4	3
94	Surface plasmon on topological insulator/dielectric interface enhanced ZnO ultraviolet photoluminescence. AIP Advances, 2012, 2, .	1.3	12
95	Single-walled carbon nanotubes filled with nickel halogenides: Atomic structure and doping effect. Physica Status Solidi (B): Basic Research, 2012, 249, 2328-2332.	1.5	47
96	Effect of Copper Deposit Morphology on the Characteristics of a Pt(Cu)/C-Catalyst Obtained by Galvanic Displacement. Mendeleev Communications, 2012, 22, 203-205.	1.6	13
97	Experimental and computational insight into the properties of the lattice-mismatched structures: Monolayers of $h$ -BN and graphene on Ir(111). Physical Review B, 2012, 86, .	3.2	46
98	Study of the atomically clean InSe(0001) surface by X-ray photoelectron spectroscopy. Russian Microelectronics, 2012, 41, 521-526.	0.5	1
99	Catalytic impact of RuO <sub>x</sub> clusters to high ammonia sensitivity of tin dioxide. Sensors and Actuators B: Chemical, 2012, 175, 186-193.	7.8	24
100	Synthesis of nanocomposites on basis of single-walled carbon nanotubes intercalated by manganese halogenides. Journal of Physics: Conference Series, 2012, 345, 012034.	0.4	8
101	Acceptor doping of single-walled carbon nanotubes by encapsulation of zinc halogenides. European Physical Journal B, 2012, 85, 1.	1.5	49
102	Peculiarities of the Pt(Cu)/C catalyst formation by galvanic displacement of copper in H <sub>2</sub> PtCl <sub>4</sub> solutions. Russian Journal of Electrochemistry, 2012, 48, 173-180.	0.9	12
103	Atomic geometry and electron structure of the GaTe $1 \times 1$ surface. Physical Review B, 2012, 85, .	7.8	181
104	Laser electrodispersion as a new chlorine-free method for the production of highly effective metal-containing supported catalysts. Pure and Applied Chemistry, 2012, 84, 495-508.	1.9	26
105	Tolerance of Topological Surface States towards Magnetic Moments: Fe on $Bi_2Se_3$ . Physical Review Letters, 2012, 108, 256810.	7.8	181
106	Evolution of carbon film structure during its catalyst-free growth in the plasma of direct current glow discharge. Carbon, 2012, 50, 1477-1487.	10.3	52
107	Interaction between single walled carbon nanotube and 1D crystal in CuX@SWCNT (X=Cl, Br, I) nanostructures. Carbon, 2012, 50, 4021-4039.	10.3	71
108	Specific features of the formation of Pt(Cu) catalysts by galvanic displacement with carbon nanowalls used as support. Electrochimica Acta, 2012, 76, 137-144.	5.2	45

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109	Growth and Characterization of One-Dimensional SnTe Crystals within the Single-Walled Carbon Nanotube Channels. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3578-3586.	3.1	50
110	Synthesis and electrocatalytic activity of platinum nanoparticle/carbon nanotube composites. <i>Inorganic Materials</i> , 2011, 47, 618-625.	0.8	13
111	Fabrication of nanocomposites based on carbon nanotubes containing Pt nanoparticles and TiO <sub>2</sub> . <i>Inorganic Materials</i> , 2011, 47, 858-863.	0.8	3
112	Comparative reactivity of AlIVBVI compounds in their reactions with dioxygen. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 1284-1289.	1.3	3
113	The oxidation of the PbS(001) surface with O <sub>2</sub> and air studied with photoelectron spectroscopy and ab initio modeling. <i>Surface Science</i> , 2011, 605, 473-482.	1.9	19
114	Infrared Spectroscopy of Semiconductor Structures Based on Alkyl-Substituted Lanthanide (III) Clam-Shell Mono-, Di-, and Di-Trisphthalocyanine Complexes. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2011, 6, 478-483.	0.5	0
115	The use of galvanic displacement in synthesizing Pt(Cu) catalysts with the core-shell structure. <i>Russian Journal of Electrochemistry</i> , 2010, 46, 1189-1197.	0.9	31
116	Role of surface hydroxyl groups in promoting room temperature CO sensing by Pd-modified nanocrystalline SnO <sub>2</sub> . <i>Journal of Solid State Chemistry</i> , 2010, 183, 2389-2399.	2.9	81
117	Structure and electronic properties of AgX (X = Cl, Br, I)-intercalated single-walled carbon nanotubes. <i>Carbon</i> , 2010, 48, 2708-2721.	10.3	83
118	Phase equilibria in pseudoternary systems of IVâ€“VI compounds. <i>Inorganic Materials</i> , 2010, 46, 464-471.	0.8	8
119	Study of the electronic structure of single-walled carbon nanotubes filled with cobalt bromide. <i>JETP Letters</i> , 2010, 91, 196-200.	1.4	35
120	Phase equilibria in ternary reciprocal systems based on IVâ€“VI compounds. <i>Inorganic Materials</i> , 2009, 45, 968-974.	0.8	10
121	On the Bridgman growth of leadâ€“tin selenide crystals with uniform tin distribution. <i>Journal of Crystal Growth</i> , 2009, 311, 3257-3264.	1.5	24
122	The formation and properties of one-dimensional FeHal <sub>2</sub> (Hal = Cl, Br, I) nanocrystals in channels of single-walled carbon nanotubes. <i>Nanotechnologies in Russia</i> , 2009, 4, 634-646.	0.7	19
123	Oxygen chemisorption on the PbS(001) surface: Quantum-chemical modeling. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 727-733.	1.3	4
124	Theoretical and experimental study of the reactivity of PbTe in interaction with oxygen: Effect of germanium impurity atoms. <i>Russian Journal of Inorganic Chemistry</i> , 2008, 53, 86-95.	1.3	2
125	Theoretical modeling of oxygen adsorption on the PbTe(001) surface. <i>Russian Journal of Inorganic Chemistry</i> , 2008, 53, 752-760.	1.3	5
126	Phase relations between germanium, tin, and lead chalcogenides in pseudobinary systems containing orthorhombic phases. <i>Inorganic Materials</i> , 2008, 44, 345-356.	0.8	36



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127	X-ray photoelectron studies of clean and oxidized $\hat{\pm}$ -GeTe(111) surfaces. Journal of Applied Physics, 2008, 103, .	2.5	55
128	A Combined Photoelectron Spectroscopy and ab Initio Study of the Adsorbate System O <sub>2</sub> /PbTe(001) and the Oxide Layer Growth Kinetics. Journal of Physical Chemistry C, 2008, 112, 19995-20006.	3.1	29
129	Reactivity of Lead Chalcogenide (001) Surfaces Interacting with H <sub>2</sub> S. Journal of Physical Chemistry C, 2007, 111, 17297-17304.	3.1	3
130	Simulation of the geometric and electronic structures and properties of extrinsic defects involving germanium in lead telluride. Russian Journal of Inorganic Chemistry, 2007, 52, 83-91.	1.3	6
131	Simulation of core-level binding energy shifts in germanium-doped lead telluride crystals. Russian Journal of Inorganic Chemistry, 2007, 52, 242-249.	1.3	7
132	Chemical and electrochemical processes in low-temperature superionic hydrogen sulfide sensors. Russian Journal of Electrochemistry, 2007, 43, 552-560.	0.9	14
133	Comprehensive thermodynamic description of the quasiternary system PbTe-GeTe-SnTe. Journal of Alloys and Compounds, 2006, 413, 133-143.	5.5	24
134	Phase relations in pseudobinary systems of germanium, tin, and lead chalcogenides. Inorganic Materials, 2006, 42, 596-604.	0.8	52
135	XPS and ab initio study of the interaction of PbTe with molecular oxygen. Surface Science, 2005, 574, 52-64.	1.9	25
136	XPS study of SnTe(100) oxidation by molecular oxygen. Surface Science, 2005, 584, 77-82.	1.9	36
137	Growth of polycrystalline GeTe films on Pb <sub>1-x</sub> Sn <sub>x</sub> Te (x = 0, 0.05 or 0.2) and BaF <sub>2</sub> substrates. Mendeleev Communications, 2004, 14, 136-137.	1.6	0
138	The oxidation of PbTe(100) surface in dry oxygen. Surface and Interface Analysis, 2004, 36, 993-996.	1.8	22
139	The application of VLS growth technique to bulk semiconductors. Journal of Crystal Growth, 2003, 252, 68-78.	1.5	15
140	Growth of solid solution crystals (Pb, Sn)Te and (Pb, Ge)Te doped with Ga and In. Acta Crystallographica Section A: Foundations and Advances, 2002, 58, c357-c357.	0.3	0
141	XPS study of fresh and oxidized (Pb,Ge)Te surfaces. Surface and Interface Analysis, 2002, 34, 498-501.	1.8	9
142	Mass Spectrometric Study of Vapor Composition over Germanium Telluride. Inorganic Materials, 2002, 38, 559-563.	0.8	12
143	XPS study of fresh and oxidized GeTe and (Ge,Sn)Te surface. Solid State Ionics, 2001, 141-142, 513-522.	2.7	73
144	The In/PbTe barrier structures with a thin intermediate insulating layer. Semiconductors, 2000, 34, 1365-1369.	0.5	9

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145	The phase diagrams of the quasibinary systems (Pb,Ge)Te and (Ge,Sn)Te. Journal of Alloys and Compounds, 2000, 313, 85-92.	5.5	12
146	Ge Diffusion in SnTe Crystal. Materials Research Society Symposia Proceedings, 1998, 527, 429.	0.1	1
147	The development of their situobservation of crystal growth: the relationship between linear and mass growth rates. Acta Crystallographica Section A: Foundations and Advances, 1996, 52, C520-C520.	0.3	0
148	One-Dimensional Crystals inside Single-Walled Carbon Nanotubes: Growth, Structure and Electronic Properties. , 0, , .		11