Lada V. Yashina

List of Publications by Year
in descending order

148	3,758	117625	161849
papers	citations	34 h-index	54 g-index

150	150	150	5476
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reactivity of Carbon in Lithiumâ€“Oxygen Battery Positive Electrodes. Nano Letters, 2013, 13, 4697-4701.	9.1	262
2	Tolerance of Topological Surface States towards Magnetic Moments: Fe on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mn Physical Review Letters, 2012, 108, 256810.	7.8	181
3	Negligible Surface Reactivity of Topological Insulators Bi₂Se₃ and Bi₂Te₃ towards Oxygen and Water. ACS Nano, 2013, 7, 5181-5191.	14.6	118
4	Nonmagnetic band gap at the Dirac point of the magnetic topological insulator (Bi1â^'xMnx)2Se3. Nature Communications, 2016, 7, 10559.	12.8	102
5	Structure and electronic properties of AgX (X = Cl, Br, I)-intercalated single-walled carbon nanotubes. Carbon, 2010, 48, 2708-2721.	10.3	83
6	Role of surface hydroxyl groups in promoting room temperature CO sensing by Pd-modified nanocrystalline SnO2. Journal of Solid State Chemistry, 2010, 183, 2389-2399.	2.9	81
7	Mechanism of Oxygen Reduction in Aprotic Liâ€“Air Batteries: The Role of Carbon Electrode Surface Structure. Journal of Physical Chemistry C, 2017, 121, 1569-1577.	3.1	80
8	Reversal of the Circular Dichroism in Angle-Resolved Photoemission from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Te</mml:mi><mml:mn Physical Review Letters, 2013, 110, 216801.	7.8	77
9	Photoemission of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Bi</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Circularly Polarized Light: Probe of Spin Polarization or Means for Spin Manipulation?. Physical Review X, 2014, 4, .	8.9	76
10	XPS study of fresh and oxidized GeTe and (Ge,Sn)Te surface. Solid State Ionics, 2001, 141-142, 513-522.	2.7	73
11	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
12	The Chemistry of Imperfections in N-Graphene. Nano Letters, 2014, 14, 4982-4988.	9.1	69
13	Carbon nanowalls: the next step for physical manifestation of the black body coating. Scientific Reports, 2013, 3, 3328.	3.3	64
14	Ultrafast spin-polarization control of Dirac fermions in topological insulators. Physical Review B, 2016, 93, .	3.2	61
15	X-ray photoelectron studies of clean and oxidized Î±-GeTe(111) surfaces. Journal of Applied Physics, 2008, 103, .	2.5	55
16	2D layered transport properties from topological insulator Bi2Se3 single crystals and micro flakes. Scientific Reports, 2016, 6, 27483.	3.3	55
17	Large-Scale Sublattice Asymmetry in Pure and Boron-Doped Graphene. Nano Letters, 2016, 16, 4535-4543.	9.1	55
18	Phase relations in pseudobinary systems of germanium, tin, and lead chalcogenides. Inorganic Materials, 2006, 42, 596-604.	0.8	52

#	Article	IF	Citations
19	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
20	Raman Spectroscopy of Lattice-Matched Graphene on Strongly Interacting Metal Surfaces. ACS Nano, 2017, 11, 6336-6345.	14.6	52
21	Probing Operating Electrochemical Interfaces by Photons and Neutrons. ChemElectroChem, 2015, 2, 1427-1445.	3.4	51
22	Growth and Characterization of One-Dimensional SnTe Crystals within the Single-Walled Carbon Nanotube Channels. Journal of Physical Chemistry C, 2011, 115, 3578-3586.	3.1	50
23	Acceptor doping of single-walled carbon nanotubes by encapsulation of zinc halogenides. European Physical Journal B, 2012, 85, 1.	1.5	49
24	Controlled assembly of graphene-capped nickel, cobalt and iron silicides. Scientific Reports, 2013, 3, 2168.	3.3	49
25	Epitaxial B-Graphene: Large-Scale Growth and Atomic Structure. ACS Nano, 2015, 9, 7314-7322.	14.6	49
26	Singleâ€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
27	Monitoring of lithium plating by neutron reflectometry. Applied Surface Science, 2017, 424, 378-382.	6.1	47
28	Experimental and computational insight into the properties of the lattice-mismatched structures: Monolayers of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>h</mml:mi></mml:math>-BN and graphene on Ir(111). Physical Review B, 2012, 86, .	3.2	46
29	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
30	Subpicosecond spin dynamics of excited states in the topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:m Physical Review B, 2017, 95, .	3.2	41
31	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
32	Kinetic Isotope Effect in the Hydrogenation and Deuteration of Graphene. Advanced Functional Materials, 2013, 23, 1628-1635.	14.9	38
33	XPS study of SnTe(100) oxidation by molecular oxygen. Surface Science, 2005, 584, 77-82.	1.9	36
34	Phase relations between germanium, tin, and lead chalcogenides in pseudobinary systems containing orthorhombic phases. Inorganic Materials, 2008, 44, 345-356.	0.8	36
35	Study of the electronic structure of single-walled carbon nanotubes filled with cobalt bromide. JETP Letters, 2010, 91, 196-200.	1.4	35
36	Anisotropic effect of warping on the lifetime broadening of topological surface states in angle-resolved photoemission from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	34

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37	Charge transfer in single-walled carbon nanotubes filled with cadmium halogenides. Journal of Materials Science, 2013, 48, 8412-8419.	3.7	33
38	The use of galvanic displacement in synthesizing Pt(Cu) catalysts with the core-shell structure. Russian Journal of Electrochemistry, 2010, 46, 1189-1197.	0.9	31
39	A Combined Photoelectron Spectroscopy and ab Initio Study of the Adsorbate System O2/PbTe(001) and the Oxide Layer Growth Kinetics. Journal of Physical Chemistry C, 2008, 112, 19995-20006.	3.1	29
40	Detection of highly conductive surface electron states in topological crystalline insulators Pb1â^'xSnxSe using laser terahertz radiation. Scientific Reports, 2015, 5, 11540.	3.3	29
41	Tuning Surface Chemistry of TiC Electrodes for Lithiumâ€“Air Batteries. Chemistry of Materials, 2016, 28, 8248-8255.	6.7	29
42	Lithium Ion Coupled Electron-Transfer Rates in Superconcentrated Electrolytes: Exploring the Bottlenecks for Fast Charge-Transfer Rates with LiMn₂O₄ Cathode Materials. Langmuir, 2017, 33, 9378-9389.	3.5	29
43	Enhancing lithium-ion conductivity in NASICON glass-ceramics by adding yttria. CrystEngComm, 2018, 20, 1375-1382.	2.6	29
44	Role of PdO_x and RuO_y Clusters in Oxygen Exchange between Nanocrystalline Tin Dioxide and the Gas Phase. Journal of Physical Chemistry C, 2013, 117, 23858-23867.	3.1	28
45	Oxygen Reduction by Lithiated Graphene and Graphene-Based Materials. ACS Nano, 2015, 9, 320-326.	14.6	28
46	Rapid Surface Oxidation of Sb₂Te₃ as Indication for a Universal Trend in the Chemical Reactivity of Tetradymite Topological Insulators. Chemistry of Materials, 2016, 28, 8916-8923.	6.7	27
47	Gold Decoration and Photoresistive Response to Nitrogen Dioxide of WS₂ Nanotubes. Chemistry - A European Journal, 2018, 24, 18952-18962.	3.3	27
48	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
49	Atomic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> surfaces probed by photoelectron diffraction and holography. Physical Review B, 2015, 91, .	3.7	26
50	XPS and ab initio study of the interaction of PbTe with molecular oxygen. Surface Science, 2005, 574, 52-64.	1.9	25
51	Comprehensive thermodynamic description of the quasiternary system PbTeâ€“GeTeâ€“SnTe. Journal of Alloys and Compounds, 2006, 413, 133-143.	5.5	24
52	On the Bridgman growth of leadâ€“tin selenide crystals with uniform tin distribution. Journal of Crystal Growth, 2009, 311, 3257-3264.	1.5	24
53	Catalytic impact of RuOx clusters to high ammonia sensitivity of tin dioxide. Sensors and Actuators B: Chemical, 2012, 175, 186-193.	7.8	24
54	Atomically precise semiconductorâ€”graphene and hBN interfaces by Ge intercalation. Scientific Reports, 2015, 5, 17700.	3.3	24

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55	Size-Dependent Structure Relations between Nanotubes and Encapsulated Nanocrystals. Nano Letters, 2017, 17, 805-810.	9.1	24
56	Small-angle neutron scattering studies of pore filling in carbon electrodes: mechanisms limiting lithiumâ€“air battery capacity. Nanoscale, 2019, 11, 6838-6845.	5.6	24
57	Laser-induced persistent photovoltage on the surface of a ternary topological insulator at room temperature. Applied Physics Letters, 2017, 110, .	3.3	23
58	The oxidation of PbTe(100) surface in dry oxygen. Surface and Interface Analysis, 2004, 36, 993-996.	1.8	22
59	Local structural analysis of Inâ€doped Bi₂Se₃ topological insulator using Xâ€ray fluorescence holography. Surface and Interface Analysis, 2019, 51, 51-55.	1.8	20
60	Free-standing Li⁺-conductive films based on PEOâ€“PVDF blends. RSC Advances, 2020, 10, 16118-16124.	3.6	20
61	The formation and properties of one-dimensional FeHal2 (Hal = Cl, Br, I) nanocrystals in channels of single-walled carbon nanotubes. Nanotechnologies in Russia, 2009, 4, 634-646.	0.7	19
62	The oxidation of the PbS(001) surface with O2 and air studied with photoelectron spectroscopy and ab initio modeling. Surface Science, 2011, 605, 473-482.	1.9	19
63	Homogeneous nucleation of Li₂O₂under Liâ€“O₂battery discharge. Nanoscale, 2020, 12, 4591-4601.	5.6	19
64	Intact Dirac cone of Bi₂Te₃ covered with a monolayer Fe. Physica Status Solidi - Rapid Research Letters, 2013, 7, 139-141.	2.4	18
65	Laterally Selective Oxidation of Large-Scale Graphene with Atomic Oxygen. Journal of Physical Chemistry C, 2017, 121, 27915-27922.	3.1	18
66	Tailoring of the carbon nanowall microstructure by sharp variation of plasma radical composition. Physical Chemistry Chemical Physics, 2014, 16, 25621-25627.	2.8	17
67	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
68	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
69	Native and graphene-coated flat and stepped surfaces of TiC. Carbon, 2018, 132, 656-666.	10.3	17
70	High-temperature quantum oscillations of the Hall resistance in bulk Bi2Se3. Scientific Reports, 2018, 8, 485.	3.3	17
71	Electromigration in Lithium Whisker Formation Plays Insignificant Role during Electroplating. ChemElectroChem, 2019, 6, 1324-1328.	3.4	17
72	Anomalous behavior of the electronic structure of (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (xmlns:mml="http://www.w across the quantum phase transition from topological to triv. Physical Review B, 2018, 98, .	3.2	16

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73	The application of VLS growth technique to bulk semiconductors. Journal of Crystal Growth, 2003, 252, 68-78.	1.5	15
74	Site- and spin-dependent coupling at the highly ordered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>h</mml:mi></mml:math> -BN/Co(0001) interface. Physical Review B, 2018, 98, .	3.2	15
75	Can surface reactivity of mixed crystals be predicted from their counterparts? A case study of (Bi1â^'xSbx)2Te3 topological insulators. Journal of Materials Chemistry C, 2018, 6, 8941-8949.	5.5	15
76	Atomic and Electronic Structure of a Multidomain GeTe Crystal. ACS Nano, 2020, 14, 16576-16589.	14.6	15
77	Lithium Planar Deposition vs Whisker Growth: Crucial Role of Surface Diffusion. Journal of Physical Chemistry Letters, 2020, 11, 10511-10518.	4.6	15
78	Chemical and electrochemical processes in low-temperature superionic hydrogen sulfide sensors. Russian Journal of Electrochemistry, 2007, 43, 552-560.	0.9	14
79	Self-assembled nanoparticle patterns on carbon nanowall surfaces. Physical Chemistry Chemical Physics, 2016, 18, 12344-12349.	2.8	14
80	Environmental control of electronâ€“phonon coupling in barium doped graphene. 2D Materials, 2016, 3, 045003.	4.4	14
81	Photoelectron Diffraction and Holography Studies of 2D Materials and Interfaces. Journal of the Physical Society of Japan, 2018, 87, 061005.	1.6	14
82	The role of glass crystallization processes in preparation of high Li-conductive NASICON-type ceramics. CrystEngComm, 2019, 21, 3106-3115.	2.6	14
83	Synthesis and electrocatalytic activity of platinum nanoparticle/carbon nanotube composites. Inorganic Materials, 2011, 47, 618-625.	0.8	13
84	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
85	Cobalt-assisted recrystallization and alignment of pure and doped graphene. Nanoscale, 2018, 10, 12123-12132.	5.6	13
86	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
87	Mass Spectrometric Study of Vapor Composition over Germanium Telluride. Inorganic Materials, 2002, 38, 559-563.	0.8	12
88	Surface plasmon on topological insulator/dielectric interface enhanced ZnO ultraviolet photoluminescence. AIP Advances, 2012, 2, .	1.3	12
89	Peculiarities of the Pt(Cu)/C catalyst formation by galvanic displacement of copper in H2PtCl4 solutions. Russian Journal of Electrochemistry, 2012, 48, 173-180.	0.9	12
90	Impact of ultrafast transport on the high-energy states of a photoexcited topological insulator. Physical Review B, 2018, 98, .	3.2	12

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91	Notable Reactivity of Acetonitrile Towards Li2O2/LiO2 Probed by NAP XPS During Liâ€“O2 Battery Discharge. Topics in Catalysis, 2018, 61, 2114-2122.	2.8	12
92	Comparative Catalytic Activity of Graphene Imperfections in Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2020, 124, 6038-6053.	3.1	12
93	One-Dimensional Crystals inside Single-Walled Carbon Nanotubes: Growth, Structure and Electronic Properties. , 0, , .		11
94	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
95	Phase equilibria in ternary reciprocal systems based on IVâ€“VI compounds. Inorganic Materials, 2009, 45, 968-974.	0.8	10
96	Ambiguities in solvation free energies from cluster-continuum quasichemical theory: lithium cation in protic and aprotic solvents. Physical Chemistry Chemical Physics, 2021, 23, 16077-16088.	2.8	10
97	The In/PbTe barrier structures with a thin intermediate insulating layer. Semiconductors, 2000, 34, 1365-1369.	0.5	9
98	XPS study of fresh and oxidized (Pb,Ge)Te surfaces. Surface and Interface Analysis, 2002, 34, 498-501.	1.8	9
99	The impact of dimensionality and stoichiometry of CuBr on its coupling to sp-carbon. Carbon, 2016, 99, 619-623.	10.3	9
100	Positive Electrode Passivation by Side Discharge Products in Liâ€“O₂ Batteries. Langmuir, 2020, 36, 8716-8722.	3.5	9
101	Impact of Cathodic Electric Double Layer Composition on the Performance of Aprotic Li-O2 Batteries. Journal of the Electrochemical Society, 2021, 168, 030520.	2.9	9
102	On the catalytic and degradative role of oxygen-containing groups on carbon electrode in non-aqueous ORR. Carbon, 2021, 176, 632-641.	10.3	9
103	Phase equilibria in pseudoternary systems of IVâ€“VI compounds. Inorganic Materials, 2010, 46, 464-471.	0.8	8
104	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
105	Observation of hidden atomic order at the interface between Fe and topological insulator Bi₂Te₃. Physical Chemistry Chemical Physics, 2017, 19, 30520-30532.	2.8	8
106	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
107	Atomic geometry and electron structure of the GaTe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo>(</mml:mo><mml:mn>10</mml:mn><mml:mover) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Physical Review B, 2012, 85, .		7
108	Double Fe-impurity charge state in the topological insulator Bi2Se3. Applied Physics Letters, 2017, 111, .	3.3	7

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109	Hybrid h-BNâ€“Graphene Monolayer with Bâ€“C Boundaries on a Lattice-Matched Surface. Chemistry of Materials, 2020, 32, 1172-1181.	6.7	7
110	First-Principles Study of the Surfaces and Equilibrium Shape of Discharge Products in Liâ€“Air Batteries. ACS Applied Materials & Interfaces, 2021, 13, 24984-24994.	8.0	7
111	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
112	The effect of LiFeBO3/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
113	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
114	Theoretical modeling of oxygen adsorption on the PbTe(001) surface. Russian Journal of Inorganic Chemistry, 2008, 53, 752-760.	1.3	5
115	Preparation of Nanocrystalline Nitrogen-doped Mesoporous Titanium Dioxide. Mendeleev Communications, 2013, 23, 11-13.	1.6	5
116	Decoding the structure of interfaces and impurities in 2D materials by photoelectron holography. 2D Materials, 2019, 6, 045046.	4.4	5
117	Tape-casted liquid-tight lithium-conductive membranes for advanced lithium batteries. Journal of Materials Science, 2019, 54, 8531-8541.	3.7	5
118	Robust behavior and spin-texture stability of the topological surface state in Bi2Se3 upon deposition of gold. Npj Quantum Materials, 2022, 7, .	5.2	5
119	Oxygen chemisorption on the PbS(001) surface: Quantum-chemical modeling. Russian Journal of Inorganic Chemistry, 2009, 54, 727-733.	1.3	4
120	Revising the pathways of the Li reaction with organic carbonates. Physical Chemistry Chemical Physics, 2020, 22, 16184-16192.	2.8	4
121	Observation of a giant mass enhancement in the ultrafast electron dynamics of a topological semimetal. Communications Physics, 2021, 4, .	5.3	4
122	Computational insight into the grain boundary structure and atomic mobility in metallic lithium. Acta Materialia, 2022, 233, 117988.	7.9	4
123	Reactivity of Lead Chalcogenide (001) Surfaces Interacting with H2S. Journal of Physical Chemistry C, 2007, 111, 17297-17304.	3.1	3
124	Fabrication of nanocomposites based on carbon nanotubes containing Pt nanoparticles and TiO2. Inorganic Materials, 2011, 47, 858-863.	0.8	3
125	Comparative reactivity of AIVBVI compounds in their reactions with dioxygen. Russian Journal of Inorganic Chemistry, 2011, 56, 1284-1289.	1.3	3
126	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

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127	In Situ XPS Studies of Solid Electrolyte Electroreduction Through Graphene Electrode. Journal of the Electrochemical Society, 2020, 167, 110533.	2.9	3
128	Theoretical and experimental study of the reactivity of PbTe in interaction with oxygen: Effect of germanium impurity atoms. Russian Journal of Inorganic Chemistry, 2008, 53, 86-95.	1.3	2
129	Experimental and Computational Insight into the Chemical Bonding and Electronic Structure of Clathrate Compounds in the Snâ€“Inâ€“Asâ€“I System. Inorganic Chemistry, 2015, 54, 11542-11549.	4.0	2
130	Spin-polarized Fermi surface, hole-doping and band gap in graphene with boron impurities. Nanoscale, 2018, 10, 22810-22817.	5.6	2
131	Photoelectromagnetic Effect Induced by Terahertz Radiation in (Bi1 â€“xSbx)2Te3 Topological Insulators. Semiconductors, 2019, 53, 37-41.	0.5	2
132	Angleâ€Resolved Photoemission of Topological Matter: Examples from Magnetism, Electron Correlation, and Phase Transitions. Physica Status Solidi (B): Basic Research, 2021, 258, 2000371.	1.5	2
133	Nitrogen-doped graphene on a curved nickel surface. Carbon, 2021, 183, 711-720.	10.3	2
134	Ge Diffusion in SnTe Crystal. Materials Research Society Symposia Proceedings, 1998, 527, 429.	0.1	1
135	Study of the atomically clean InSe(0001) surface by X-ray photoelectron spectroscopy. Russian Microelectronics, 2012, 41, 521-526.	0.5	1
136	Studies of electrochemical interfaces by TOF neutron reflectometry at the IBR-2 reactor. Journal of Physics: Conference Series, 2018, 994, 012006.	0.4	1
137	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
138	Growth of polycrystalline GeTe films on Pb1 â€“ xSnxTe (x = 0, 0.05 or 0.2) and BaF2 substrates. Mendeleev Communications, 2004, 14, 136-137.	1.6	0
139	Terahertz probing of surface electron states in topological crystalline insulators Pb<inf>1−x</inf>Sn<inf>x</inf>Se. , 2015, , .		0
140	A study of surface electron states in topological insulators (Bi<inf>1â^'x</inf>In<inf>x</inf>)<inf>2</inf>Se<inf>3</inf> with the use of terahertz laser radiation. , 2016, , .		0
141	5. Characterization methods. , 2018, , 261-408.		0
142	X-ray photoelectron spectroscopy study of the interaction of lithium with graphene. Physical Sciences Reviews, 2018, 3, .	0.8	0
143	Enhanced surface sensitivity of X-ray photoelectron holography through the example of Bi2Te3(1â€¯1â€¯1) surface. Applied Surface Science, 2020, 505, 144531.	6.1	0
144	Reconstruction of atomic structure using holographic methods. AIP Conference Proceedings, 2020, , .	0.4	0

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145	WS2 nanotubes dressed in gold and silver: Synthesis, optoelectronic properties, and NO2 sensing. AIP Conference Proceedings, 2021, , .	0.4	0
146	Impact of ordering on the reactivity of mixed crystals of topological insulators with anion substitution: Bi2SeTe2 and Sb2SeTe2. Applied Surface Science, 2021, 541, 148490.	6.1	0
147	Infrared Spectroscopy of Semiconductor Structures Based on Alkyl-Substituted Lanthanide (III) Clam-Shell Mono-, Di-, and Di-Trisphthalocyanine Complexes. Journal of Nanoelectronics and Optoelectronics, 2011, 6, 478-483.	0.5	0
148	The development of thein 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