

# Evelina Domashevskaya

## List of Publications by Year in descending order

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186  
papers

1,670  
citations

331670

21  
h-index

434195

31  
g-index

188  
all docs

188  
docs citations

188  
times ranked

1375  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure of the full-Heusler $\text{Co}_{2-x}\text{Fe}_{1+x}\text{Si}$ and half-Heusler $\text{CoFeSi}$ alloys obtained by first-principles calculations and ultrasoft X-ray emission spectroscopy. <i>European Physical Journal B</i> , 2022, 95, 1.	1.5	3
2	Bound oxygen influence on the phase composition and electrical properties of semi-insulating silicon films. <i>Materials Science in Semiconductor Processing</i> , 2021, 121, 105287.	4.0	0
3	The state of individual layers and interfaces in multilayer nanostructures $[(\text{Co}/\text{C})_{40}/(\text{F}/\text{e})_{40}/(\text{B})_{20}]_{34}/(\text{S}/\text{Si})_{41}/\text{O}$ . <i>Surface and Interface Analysis</i> , 2021, 53, 244-249.		
4	Features of the two-stage formation of macroporous and mesoporous silicon structures. <i>Kondensirovannye Sredy Mezhfaznye Granitsy</i> , 2021, 23, 41-48.	0.3	0
5	Effect of Phase Transformations of a Metal Component on the Magneto-Optical Properties of Thin-Films Nanocomposites $(\text{CoFeZr})_x(\text{MgF}_2)_{100-x}$ . <i>Nanomaterials</i> , 2021, 11, 1666.	4.1	3
6	Investigation of the Magnetic Properties of Amorphous Multilayer Nanostructures $[(\text{CoFeB})_{60}\text{C}_{40}/\text{SiO}_2]_{200}$ and $[(\text{CoFeB})_{34}(\text{SiO}_2)_{66}/\text{C}]_{46}$ by the Transversal Kerr Effect. <i>Kondensirovannye Sredy Mezhfaznye Granitsy</i> , 2020, 22, 438-445.	0.3	0
7	On the Morphology and Optical Properties of Molybdenum Disulfide Nanostructures from a Monomolecular Layer to a Fractal-Like Substructure. <i>Semiconductors</i> , 2019, 53, 923-929.	0.5	2
8	Oscillating fine structure of x-ray absorption and atomic structure of metallic layers in a magnetic multilayer nanostructure $(\text{Fe}_{45}\text{Zr}_{10}/\text{SiO}_2)_n$ . <i>Materials Research Express</i> , 2019, 6, 1150g9.	1.6	2
9	A study of multilayer nanostructures $[(\text{Co}_{45}/\text{Fe}_{45}/\text{Zr}_{10})_{35}/(\text{Al}_2\text{O}_3)_{65}]/\text{Si}$ and $[(\text{Co}_{45}/\text{Fe}_{45}/\text{Zr}_{10})_{35}/(\text{Al}_2\text{O}_3)_{65}]/\text{Si}$ by means of XRD, XRR, IR spectroscopy, and USXES. <i>EPJ Applied Physics</i> , 2019, 87, 21301.	0.7	3
10	Influence of the Crystal Structure of the Nucleus on the Morphology of t-ZnO Tetrapods. <i>Crystallography Reports</i> , 2019, 64, 212-215.	0.6	2
11	Effect of Process Conditions on the Structure and Optical Properties of $\text{MoO}_3$ Produced by Vapor Transport Deposition. <i>Inorganic Materials</i> , 2019, 55, 49-58.	0.8	2
12	The Influence of Relative Content of a Metal Component in a Dielectric Matrix on the Formation and Dimensions of Cobalt Nanocrystallites in $\text{Co}_x(\text{MgF}_2)_{100-x}$ Film Composites. <i>Physics of the Solid State</i> , 2019, 61, 71-79.	0.6	9
13	Photoluminescence Properties of Nanoporous Nanocrystalline Carbonate-Substituted Hydroxyapatite. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2018, 124, 187-192.	0.6	5
14	Study of the nanoporous CHAP photoluminescence for developing the precise methods of early caries detection. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 307, 012027.	0.6	1

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19	IR Spectroscopic Study of Interatomic Interaction in [(CoFeB)60C40/SiO2]200 and [(CoFeB)34(SiO2)66/C]46 Multilayer Nanostructures with Metal-Containing Composite Layers. <i>Inorganic Materials</i> , 2018, 54, 140-146.	0.8	3
20	Phase Formation and Electronic Structure Peculiarities in the Al1-xSi x Film Composites under the Conditions of Magnetron and Ion-Beam Sputtering. <i>Physics of the Solid State</i> , 2018, 60, 1021-1028.	0.6	1
21	Phase composition of the buried silicon interlayers in the amorphous multilayer nanostructures [(Co)45(Fe)45(Zr)10]x(Si)1-x(H)1-x and [(Co)45(Fe)45(Zr)10]x(Si)1-x(Al)1-x. <i>Surface and Interface Analysis</i> , 2018, 50, 1265-1270.	1.8	12
22	Composition of nanocomposites of thin tin layers on porous silicon, formed by magnetron sputtering. <i>Physics of the Solid State</i> , 2017, 59, 791-800.	0.6	0
23	Formation of silicon nanocrystals in multilayer nanoperiodic a-SiO x /insulator structures from the results of synchrotron investigations. <i>Semiconductors</i> , 2017, 51, 349-352.	0.5	5
24	Electronic structure and phase composition of silicon oxide in the metal-containing composite layers of a [(Co40Fe40B20)34(SiO2)66/C]46 multilayer amorphous nanostructure with carbon interlayers. <i>Inorganic Materials</i> , 2017, 53, 930-936.	0.8	3
25	X-ray and x-ray electron spectroscopy of new materials. <i>Journal of Structural Chemistry</i> , 2017, 58, 1057-1060.	1.0	4
26	Excitation of luminescence of the nanoporous bioactive nanocrystalline carbonate-substituted hydroxyapatite for early tooth disease detection. <i>Results in Physics</i> , 2017, 7, 3853-3858.	4.1	7
27	Electronic structure and phase composition of dielectric interlayers in multilayer amorphous nanostructure [(CoFeB)60C40/SiO2]200. <i>Physics of the Solid State</i> , 2017, 59, 168-173.	0.6	5
28	Specific features of the atomic structure of metallic layers of multilayered (CoFeZr/SiO2)32 and (CoFeZr/a-Si)40 nanostructures with different interlayers. <i>Physics of the Solid State</i> , 2017, 59, 385-391.	0.6	1
29	Composition of nanocomposites based on thin layers of tin on porous silicon formed by magnetron sputtering. <i>Physica B: Condensed Matter</i> , 2017, 504, 1-8.	2.7	2
30	Systems of silicon nanocrystals and their peculiarities. <i>Series in Materials Science and Engineering</i> , 2017, , 107-154.	0.1	0
31	Ab initio calculation and synchrotron X-ray spectroscopy investigations of tin oxides near the Sn L 3 absorption edges. <i>Physics of the Solid State</i> , 2016, 58, 2379-2384.	0.6	1
32	A soft X-ray synchrotron study of the charge state of iron ions in the ferrihydrite core of the ferritin Dps protein in Escherichia coli. <i>Biophysics (Russian Federation)</i> , 2016, 61, 705-710.	0.7	11
33	Small-angle diffraction by heterogeneous composite nanostructures based on (Co45Fe45Zr10)35(Al2O3)65. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2016, 80, 1407-1410.	0.6	1
34	The electronic structure peculiarities of a strained silicon layer in silicon-on-insulator: Experimental and theoretical data. <i>Applied Surface Science</i> , 2016, 382, 331-335.	6.1	1
35	A novel approach to the electronic structure and surface composition investigations of tin-oxygen system materials by means of X-ray absorption spectroscopy combined with ab initio calculations. <i>Computational Materials Science</i> , 2016, 121, 119-123.	3.0	17
36	Interatomic interactions at interfaces of multilayered nanostructures (Co45Fe45Zr10/a-Si)40 and (Co45Fe45Zr10/SiO2)32. <i>Physics of the Solid State</i> , 2016, 58, 1024-1033.	0.6	6

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37	Composition and optical properties of amorphous a-SiO <sub>x</sub> :H films with silicon nanoclusters. Semiconductors, 2016, 50, 212-216.	0.5	3
38	Deep Centers at the Interface in In <sub>2</sub> x Ga <sub>2</sub> (1-x)Te <sub>3</sub> /InAs and In <sub>2</sub> Te <sub>3</sub> /InAs Heterostructures. Semiconductors, 2016, 50, 309-313.	0.5	0
39	On the electrical and optical properties of oxide nanolayers produced by the thermal oxidation of metal tin. Semiconductors, 2016, 50, 180-184.	0.5	0
40	Atomic and electronic structure of amorphous and nanocrystalline layers of semi-insulating silicon produced by chemical-vapor deposition at low pressures. Journal of Surface Investigation, 2015, 9, 1228-1236.	0.5	4
41	Synchrotron characterization of functional tin dioxide nanowires. AIP Conference Proceedings, 2015, , .	0.4	0
42	Peculiarities of electronic structure of silicon-on-insulator structures and their interaction with synchrotron radiation. Modern Electronic Materials, 2015, 1, 67-72.	0.6	0
43	Peculiarities of the electronic structure and phase composition of amorphous (SiO <sub>2</sub> ) <sub>x</sub> (a-Si:H) x <sup>1</sup> composite films according to X-ray spectroscopy data. Technical Physics Letters, 2015, 41, 1010-1012.	0.7	5
44	Women physicists in Russia in a period of new reforms in fundamental science and higher education. AIP Conference Proceedings, 2015, , .	0.4	0
45	Atomic and electronic structure peculiarities of silicon wires formed on substrates with varied resistivity according to ultrasoft X-ray emission spectroscopy. Technical Physics Letters, 2015, 41, 344-347.	0.7	5
46	Investigations of the composition of macro-, micro- and nanoporous silicon surface by ultrasoft X-ray spectroscopy and X-ray photoelectron spectroscopy. Applied Surface Science, 2015, 359, 550-559.	6.1	15
47	XANES and XPS investigations of surface defects in wire-like SnO <sub>2</sub> crystals. Physics of the Solid State, 2015, 57, 153-161.	0.6	36
48	Formation of Si nanocrystals in multilayered nanoporous Al <sub>2</sub> O <sub>3</sub> /SiO <sub>x</sub> /Al <sub>2</sub> O <sub>3</sub> /SiO <sub>x</sub> /.../Si(100) structures: Synchrotron and photoluminescence data. Semiconductors, 2015, 49, 409-413.	0.5	4
49	Variations of the optical characteristics of nano-, meso-, and macroporous silicon with time. Technical Physics, 2015, 60, 1096-1100.	0.7	2
50	Structure and composition of metal-substituted calcium-deficient hydroxyapatite. Journal of Surface Investigation, 2014, 8, 1128-1136.	0.5	12
51	X-Ray photoelectron spectroscopy investigations of atomic interactions in surface layers of multilayered nanostructures (Co <sub>45</sub> Fe <sub>45</sub> Zr <sub>10</sub> /a-Si) <sub>40</sub> and (Co <sub>45</sub> Fe <sub>45</sub> Zr <sub>10</sub> /SiO <sub>2</sub> ) <sub>32</sub> . Physics of the Solid State, 2014, 56, 2294-2306.	0.6	9
52	Specific features of the electronic and atomic structures of silicon single crystals in the aluminum matrix. Physics of the Solid State, 2014, 56, 2543-2547.	0.6	1
53	Synthesis of europium-doped zinc oxide micro- and nanowires. Russian Journal of Physical Chemistry A, 2014, 88, 108-111.	0.6	5
54	Optical characteristics of porous silicon structures. Technical Physics, 2014, 59, 224-229.	0.7	27

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55	Synchrotron studies of SnO <sub>2</sub> wire-like crystals. Journal of Surface Investigation, 2014, 8, 111-116.	0.5	6
56	Theoretical and experimental study of the electronic structure of tin dioxide. Physics of the Solid State, 2014, 56, 1748-1753.	0.6	16
57	Specific features of the sol-gel formation and optical properties of 3d metal/porous silicon composites. Semiconductors, 2014, 48, 551-555.	0.5	5
58	XANES investigations of interatomic interactions in multilayered nanostructures (Co <sub>45</sub> Fe <sub>45</sub> Zr <sub>10</sub> /a-Si) <sub>40</sub> and (Co <sub>45</sub> Fe <sub>45</sub> Zr <sub>10</sub> /SiO <sub>2</sub> ) <sub>32</sub> . Physics of the Solid State, 2013, 55, 1294-1303.	0.6	9
59	Synchrotron investigations of Si/Mo/Si <sup>δ</sup> /c-Si (100) multilayer nanoperiodic structures. Physics of the Solid State, 2013, 55, 634-641.	0.6	4
60	Properties of epitaxial (Al <sub>x</sub> Ga <sub>1-x</sub> ) <sub>1-y</sub> C <sub>y</sub> alloys grown by MOCVD autoepitaxy. Semiconductors, 2013, 47, 7-12.	0.5	7
61	Structural and optical properties of porous silicon prepared from a p <sup>+</sup> -epitaxial layer on n-Si(111). Technical Physics, 2013, 58, 404-407.	0.7	1
62	Structural features and surface morphology of Al <sub>x</sub> Ga <sub>1-x</sub> As <sub>z</sub> P <sub>1-z</sub> /GaAs(100) heterostructures. Applied Surface Science, 2013, 267, 181-184.	6.1	23
63	The problem of XANES spectrum interpretation measured by TEY technique at different photon glancing angles. Journal of Electron Spectroscopy and Related Phenomena, 2013, 191, 35-40.	1.7	1
64	Synchrotron study of the formation of nanoclusters in Al <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> /Si(100) multilayer nanostructures. Semiconductors, 2013, 47, 1316-1323.	0.5	6
65	Photoluminescence properties of heavily doped heterostructures based on (Al <sub>x</sub> Ga <sub>1-x</sub> ) <sub>1-y</sub> Si <sub>y</sub> solid solutions. Physics of the Solid State, 2013, 55, 2169-2172.	0.6	10
66	The synthesis and optical properties of different zinc oxide nanostructures. Russian Journal of Physical Chemistry A, 2013, 87, 2246-2252.	0.6	3
67	Synthesis of nanocrystalline hydroxyapatite by precipitation using hen's eggshell. Ceramics International, 2013, 39, 4539-4549.	4.8	108
68	Electronic structure of undoped and doped SnO <sub>x</sub> nanolayers. Thin Solid Films, 2013, 537, 137-144.	1.8	16
69	Optical properties of porous silicon processed in tetraethyl orthosilicate. Technical Physics, 2013, 58, 284-288.	0.7	14
70	Investigations of Porous Silicon with Deposited 3D-Metals by Auger- and Ultrasoft X-Ray Emission Spectroscopy. Journal of Nanoscience and Nanotechnology, 2012, 12, 8806-8810.	0.9	2
71	Interference phenomena of synchrotron radiation in TEY spectra for silicon-on-insulator structure. Journal of Synchrotron Radiation, 2012, 19, 609-618.	2.4	5
72	Composition and reactivity of porous silicon nanopowders. Inorganic Materials, 2012, 48, 965-970.	0.8	6

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73	Peculiarities of electron-energy structure of surface layers of porous silicon formed on p-type substrates. <i>Inorganic Materials</i> , 2012, 48, 1291-1297.	0.8	3
74	Study of the morphological growth features and optical characteristics of multilayer porous silicon samples grown on n-type substrates with an epitaxially deposited p+-layer. <i>Semiconductors</i> , 2012, 46, 1079-1084.	0.5	23
75	Synchrotron investigation of the multilayer nanoperiodical $\text{Al}_{2-x}\text{O}_{3-x}/\text{SiO}/\text{Al}_{2-x}\text{O}_{3-x}/\text{SiO}$ structure formation. <i>Surface and Interface Analysis</i> , 2012, 44, 1182-1186.	1.8	4
76	AES and XPS investigations of the surface layers of porous silicon with Fe, Co, and Ni embedded pores. <i>Journal of Surface Investigation</i> , 2012, 6, 106-110.	0.5	9
77	Structural and spectral features of MOCVD $\text{Al}_x\text{Ga}_y\text{In}_{1-x-y}\text{As}_z\text{P}_{1-z}/\text{GaAs}$ (100) alloys. <i>Semiconductors</i> , 2012, 46, 719-729.	0.5	18
78	Influence of natural aging on photoluminescence from porous silicon. <i>Technical Physics</i> , 2012, 57, 305-307.	0.7	15
79	XPS study of the oxidation of nanosize Ni/Si(100) films. <i>Journal of Structural Chemistry</i> , 2011, 52, 115-122.	1.0	8
80	Effect of natural aging on photoluminescence of porous silicon. <i>Technical Physics Letters</i> , 2011, 37, 789-792.	0.7	20
81	Synchrotron radiation interference in front of the silicon absorption edge for silicon-on-insulator structures. <i>Journal of Surface Investigation</i> , 2011, 5, 141-149.	0.5	4
82	Synchrotron investigations of electronic and atomic-structure peculiarities for silicon-oxide films™ surface layers containing silicon nanocrystals. <i>Journal of Surface Investigation</i> , 2011, 5, 958-967.	0.5	7
83	X-ray diffraction and IR spectroscopy investigation of synthesized and biogenic nanocrystalline hydroxyapatite. <i>Journal of Surface Investigation</i> , 2011, 5, 1162-1167.	0.5	19
84	Effect of silicon on relaxation of the crystal lattice in MOCVD™hydride $\text{Al}_x\text{Ga}_{1-x}\text{As}/\text{Si}/\text{GaAs}$ (100) heterostructures. <i>Semiconductors</i> , 2011, 45, 481-492.	0.5	23
85	Spinodal Decomposition of $\text{Ga}_x\text{In}_{1-x}\text{As}_y\text{P}_{1-y}$ Quaternary Alloys. <i>Semiconductors</i> , 2011, 45, 1433-1440.	0.5	23
86	Spectral features of $\text{CoGeTe}$ amorphous thin film. <i>Optics and Laser Technology</i> , 2011, 43, 20-24.	4.6	15
87	Features of atomic and electronic structure of oxides on porous silicon surface according to XANES data. <i>Journal of Surface Investigation</i> , 2010, 4, 384-389.	0.5	2
88	The substructure and luminescence of low-temperature $\text{AlGaAs}/\text{GaAs}$ (100) heterostructures. <i>Semiconductors</i> , 2010, 44, 184-188.	0.5	23
89	Relaxation of crystal lattice parameters and structural ordering in $\text{In}_x\text{Ga}_{1-x}\text{As}$ epitaxial alloys. <i>Semiconductors</i> , 2010, 44, 1106-1112.	0.5	7
90	Morphology of tin oxide nanocrystals grown by vapor-phase transport method. <i>Technical Physics Letters</i> , 2010, 36, 541-543.	0.7	0

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91	Atomic and electronic structure of the surface of porous silicon layers. Russian Journal of General Chemistry, 2010, 80, 1128-1135.	0.8	1
92	Effect of the temperatures on structural and optical properties of tin oxide (SnO <sub>x</sub> ) powder. Physica B: Condensed Matter, 2010, 405, 313-317.	2.7	15
93	Raman investigation of low temperature AlGaAs/GaAs(100) heterostructures. Physica B: Condensed Matter, 2010, 405, 2694-2696.	2.7	26
94	Structural and optical investigations of Al <sub>x</sub> Ga <sub>1-x</sub> As/Si/GaAs(100) MOCVD heterostructures. Physica B: Condensed Matter, 2010, 405, 4607-4614.	2.7	25
95	Structural, microstructural and optical properties of multiphase Ge-Co-Te system. Physica B: Condensed Matter, 2010, 405, 2107-2109.	2.7	1
96	Compensation temperatures induced by longitudinal fields in a mixed spin Ising ferrimagnet. Solid State Communications, 2010, 150, 1253-1257.	1.9	12
97	XANES, USXES and XPS investigations of electron energy and atomic structure peculiarities of the silicon suboxide thin film surface layers containing Si nanocrystals. Surface and Interface Analysis, 2010, 42, 891-896.	1.8	14
98	XRD and Raman Study of Low Temperature AlGaAs/GaAs (100) Heterostructures. NATO Science for Peace and Security Series B: Physics and Biophysics, 2010, , 225-236.	0.3	3
99	10.1007/s11451-008-1025-0. , 2010, 50, 139.		0
100	Synthesis and Microscopic Characterization of In <sub>2</sub> O <sub>3</sub> /SnO <sub>2</sub> /Hetero-Junction Beaded Nanowires. Journal of Advanced Microscopy Research, 2010, 5, 63-66.	0.3	0
101	Evolution of nanoporous silicon phase composition and electron energy structure under natural ageing. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1651-1655.	0.8	23
102	Role of the buffer porous layer and dysprosium doping in GaInP <sub>0.5</sub> porGaAs <sub>0.5</sub> GaAs heterostructures. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1694-1696.	0.8	1
103	Electron structure of iron and cobalt nanocomposites on the basis of porous silicon. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1656-1660.	0.8	3
104	Electron structure of porous silicon obtained without the use of HF acid. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1557-1560.	0.8	13
105	Spin compensation temperatures in the mean-field approximation of a mixed spin-2 and spin-5/2 Ising ferrimagnetic system. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4713-4718.	2.6	18
106	Preparation of porous silicon nanocomposites with iron and cobalt and investigation of their electron structure by X-ray spectroscopy techniques. Technical Physics Letters, 2009, 35, 827-830.	0.7	11
107	The formation of tin oxides in thin-film Sn/C/KCl(100) structures. Crystallography Reports, 2009, 54, 110-115.	0.6	4
108	The effects of the porous buffer layer and doping with dysprosium on internal stresses in the GaInP:Dy/por-GaAs/GaAs(100) heterostructures. Semiconductors, 2009, 43, 1098-1101.	0.5	0

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109	Phase formation under the effect of spinodal decomposition in epitaxial alloys of Ga <sub>x</sub> In <sub>1-x</sub> /P/GaAs(100) heterostructures. Semiconductors, 2009, 43, 1221-1225.	0.5	5
110	Structural and optical properties of low-temperature hydride-MOCVD AlGaAs/GaAs(100) heterostructures based on omission solid solutions. Semiconductors, 2009, 43, 1610-1616.	0.5	9
111	Temperature dependence of liquid volume. Technical Physics, 2009, 54, 1082-1084.	0.7	4
112	Structure and photoluminescence properties of SnO <sub>2</sub> nanowires synthesized from SnO powder. EPJ Applied Physics, 2009, 48, 10603.	0.7	10
113	Electronic and energy structure and X-ray spectra of Zn <sub>3</sub> P <sub>2</sub> and Cd <sub>3</sub> P <sub>2</sub> and their solid solution (Cd <sub>0.5</sub> Zn <sub>0.5</sub> ) <sub>3</sub> P <sub>2</sub> . Journal of Structural Chemistry, 2008, 49, 59-62.	1.0	3
114	XPS and XANES studies of SnO <sub>x</sub> nanolayers. Journal of Structural Chemistry, 2008, 49, 80-91.	1.0	23
115	Investigations of porous InP properties by XRD, IR, USXES, XANES and PL techniques. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 147, 144-147.	3.5	7
116	Structure, elemental composition, and mechanical properties of films prepared by radio-frequency magnetron sputtering of hydroxyapatite. Glass Physics and Chemistry, 2008, 34, 608-616.	0.7	8
117	Kinetics of resistive response of SnO <sub>2</sub> thin films in gas environment. Semiconductors, 2008, 42, 481-485.	0.5	4
118	Infrared reflection spectra of multilayer epitaxial heterostructures with embedded InAs and GaAs layers. Semiconductors, 2008, 42, 1055.	0.5	6
119	Composition and parameters of domains resulting from spinodal decomposition of quaternary alloys in epitaxial GaInP/Ga <sub>x</sub> In <sub>1-x</sub> As <sub>y</sub> P <sub>1-y</sub> /GaInP/GaAs(001) heterostructures. Semiconductors, 2008, 42, 1069-1075.	0.5	9
120	XANES and USXES studies of interatomic interactions in (Co <sub>41</sub> Fe <sub>39</sub> B <sub>20</sub> ) <sub>x</sub> (SiO <sub>2</sub> ) <sub>1-x</sub> nanocomposites. Physics of the Solid State, 2008, 50, 139-145.	0.6	7
121	Investigation of porous InP by X-ray diffraction, IR spectroscopy, USXES, XANES spectroscopy, and photoluminescence. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 439-442.	0.6	4
122	XANES study of interatomic interactions in (CoFeZr) <sub>x</sub> (SiO <sub>2</sub> ) <sub>1-x</sub> nanocomposites. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 448-452.	0.6	5
123	X-ray photoelectron spectroscopy of tin oxide nanolayers. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 504-509.	0.6	3
124	Synchrotron study of laser-thermally oxidized thin titanium films. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 510-514.	0.6	0
125	ELECTRON STRUCTURE INVESTIGATIONS OF InGaP/GaAs(100) HETEROSTRUCTURES WITH InP QUANTUM DOTS. International Journal of Nanoscience, 2007, 06, 215-219.	0.7	0
126	XANES and USXES investigations of interatomic interaction at the grain boundaries in nanocomposites (Co <sub>41</sub> Fe <sub>39</sub> B <sub>20</sub> ) <sub>x</sub> (SiO <sub>2</sub> ) <sub>1-x</sub> . Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 180-185.	1.7	9



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127	Investigations of the electron energy structure and phase composition of porous silicon with different porosity. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 156-158, 445-451.	1.7	15
128	Synchrotron investigations of the initial stage of tin nanolayers oxidation. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 156-158, 340-343.	1.7	12
129	Silicon nanocrystals in SiO <sub>2</sub> matrix obtained by ion implantation under cyclic dose accumulation. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2007, 38, 16-20.	2.7	17
130	Synchrotron investigations of the electron structure of silicon nanocrystals in a SiO <sub>2</sub> matrix. <i>Journal of Surface Investigation</i> , 2007, 1, 55-59.	0.5	3
131	SnO <sub>x</sub> obtaining by thermal oxidation of nanoscale tin films in the air and its characterization. <i>Thin Solid Films</i> , 2007, 515, 6350-6355.	1.8	23
132	XRD, AFM and IR investigations of ordered AlGaAs <sub>2</sub> phase in epitaxial Al <sub>x</sub> Ga <sub>1-x</sub> As/GaAs (100) heterostructures. <i>Surface and Interface Analysis</i> , 2006, 38, 828-832.	1.8	24
133	TEM and XANES investigations and optical properties of SnO nanolayers. <i>Surface and Interface Analysis</i> , 2006, 38, 514-517.	1.8	17
134	Optical properties of SnO <sub>2-x</sub> nanolayers. <i>Technical Physics Letters</i> , 2006, 32, 782-784.	0.7	2
135	Infrared reflectance spectra and morphologic features of the surface of epitaxial Al <sub>x</sub> Ga <sub>1-x</sub> As/GaAs(100) heterostructures with the ordered AlGaAs <sub>2</sub> phase. <i>Semiconductors</i> , 2006, 40, 406-413.	0.5	4
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