

# AnA Eliseev

## List of Publications by Year in descending order

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224  
papers

3,169  
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147566

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264894

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228  
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228  
docs citations

228  
times ranked

2593  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable order in colloids of hard magnetic hexaferrite nanoplatelets. <i>Nano Research</i> , 2022, 15, 898-906.	5.8	11
2	Measurements of the work function of AgI intercalated carbon nanotubes using different scanning techniques. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 135, 114943.	1.3	1
3	Nanoporous polypropylene membrane contactors for CO <sub>2</sub> and H <sub>2</sub> S capture using alkali absorbents. <i>Chemical Engineering Research and Design</i> , 2022, 177, 448-460.	2.7	11
4	Surface-Enhanced Raman Scattering-Active Gold-Decorated Silicon Nanowire Substrates for Label-Free Detection of Bilirubin. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 4175-4184.	2.6	14
5	Simultaneous monitoring of sweat lactate content and sweat secretion rate by wearable remote biosensors. <i>Biosensors and Bioelectronics</i> , 2022, 202, 113970.	5.3	38
6	Colloidal synthesis of CdTe nanoplatelets using various cadmium precursors. <i>Optical Materials</i> , 2022, 131, 112606.	1.7	5
7	Local Contact Fluorination of Graphene. <i>ChemNanoMat</i> , 2021, 7, 443-446.	1.5	0
8	MXene-based gas separation membranes with sorption type selectivity. <i>Journal of Membrane Science</i> , 2021, 621, 118994.	4.1	47
9	Evolution of Pore Ordering during Anodizing of Aluminum Single Crystals: <i>In Situ</i> Small-Angle X-ray Scattering Study. <i>Journal of Physical Chemistry C</i> , 2021, 125, 9287-9295.	1.5	12
10	Core-Shell Nanozymes – Artificial Peroxidase – Stability with Superior Catalytic Properties. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5547-5551.	2.1	16
11	The role of oxidation level in mass-transport properties and dehumidification performance of graphene oxide membranes. <i>Carbon</i> , 2021, 183, 404-414.	5.4	26
12	Nanowhiskers of K <sub>2</sub> Ti <sub>6</sub> O <sub>13</sub> as a promoter of photocatalysis in anatase mesocrystals. <i>Catalysis Today</i> , 2021, 378, 133-139.	2.2	5
13	Facilitated transport of ammonia in ultra-thin Prussian Blue membranes with potential-tuned selectivity. <i>Journal of Membrane Science</i> , 2021, 639, 119714.	4.1	11
14	Mass flow and momentum flux in nanoporous membranes in the transitional flow region. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17134-17141.	1.3	1
15	Fabrication of Epitaxial W-Doped VO <sub>2</sub> Nanostructured Films for Terahertz Modulation Using the Solvothermal Process. <i>ACS Applied Nano Materials</i> , 2021, 4, 10592-10600.	2.4	17
16	One-step synthesis of vanadium-doped anatase mesocrystals for Li-ion battery anodes. <i>Nanotechnology</i> , 2021, 33, .	1.3	2
17	Highly Luminescent Gradient Alloy CdSe <sub>1-x</sub> S <sub>x</sub> Nanoplatelets with Reduced Reabsorption for White-Light Generation. <i>ACS Photonics</i> , 2020, 7, 3188-3198.	3.2	14
18	Effect of annealing temperature on thermo-diffusional boron doping of silicon nanowire arrays probed by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 2146-2152.	1.2	3

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19	Citrate-assisted hydrothermal synthesis of vanadium dioxide textured films with metal-insulator transition and infrared thermochromic properties. <i>Ceramics International</i> , 2020, 46, 19919-19927.	2.3	11
20	Bismuth nanowires: electrochemical fabrication, structural features, and transport properties. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 14953-14964.	1.3	10
21	Anodic alumina membrane capacitive sensors for detection of vapors. <i>Talanta</i> , 2020, 219, 121248.	2.9	12
22	Hydrothermal epitaxy growth of self-organized vanadium dioxide 3D structures with metal-insulator transition and THz transmission switch properties. <i>CrystEngComm</i> , 2020, 22, 2612-2620.	1.3	10
23	Membrane condenser heat exchanger for conditioning of humid gases. <i>Separation and Purification Technology</i> , 2020, 241, 116697.	3.9	5
24	Complex Investigation of Water Impact on Li-Ion Conductivity of $\text{Li}_{1.3}\text{Al}_{0.3}\text{Ti}_{1.7}(\text{PO}_4)_3$ Electrochemical, Chemical, Structural, and Morphological Aspects. <i>Chemistry of Materials</i> , 2020, 32, 3723-3732.	3.2	24
25	Measure is Treasure: Proper Iodine Vapor Treatment as a New Method of Morphology Improvement of Lead-Halide Perovskite Films. <i>Chemistry of Materials</i> , 2020, 32, 9140-9146.	3.2	8
26	Manifestation of strong magnetic and giant Raman anisotropy in single crystals of Cu for H substituted strontium hydroxyapatite. <i>CrystEngComm</i> , 2019, 21, 4976-4980.	1.3	0
27	Determination of the Free Charge Carrier Concentration in Boron-Doped Silicon Nanowires Using Attenuated Total Reflection Infrared Spectroscopy. <i>Semiconductors</i> , 2019, 53, 1524-1528.	0.2	1
28	Labyrinthine transport of hydrocarbons through grafted laminar CdTe nanosheet membranes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21684-21692.	5.2	10
29	Thin graphene oxide membranes for gas dehumidification. <i>Journal of Membrane Science</i> , 2019, 577, 184-194.	4.1	52
30	Operando study of water vapor transport through ultra-thin graphene oxide membranes. <i>2D Materials</i> , 2019, 6, 035039.	2.0	25
31	Enhancing gas separation efficiency by surface functionalization of nanoporous membranes. <i>Separation and Purification Technology</i> , 2019, 221, 74-82.	3.9	10
32	Spontaneous MXene monolayer assembly at the liquid-air interface. <i>Nanoscale</i> , 2019, 11, 9980-9986.	2.8	24
33	Plasmonic Properties of Halloysite Nanotubes with Immobilized Silver Nanoparticles for Applications in Surface-Enhanced Raman Scattering. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800886.	0.8	9
34	Infrared Diagnostics of Free Charge Carriers in Silicon Nanowires. <i>International Journal of Nanoscience</i> , 2019, 18, 1940030.	0.4	1
35	Polar and non-polar structures of $\text{NH}_4\text{TiO}_3$ . <i>Journal of Applied Crystallography</i> , 2019, 52, 23-26.	1.9	10
36	Eu and Cu co-substituted calcium vanadate The crystal structure, luminescence and color. <i>Dyes and Pigments</i> , 2018, 148, 219-223.	2.0	8

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37	Meniscus Curvature Effect on the Asymmetric Mass Transport through Nanochannels in Capillary Condensation Regime. <i>Journal of Physical Chemistry C</i> , 2018, 122, 29537-29548.	1.5	8
38	Multifunctional Composites Based on Graphite Oxide, Doxorubicin, and Magnetic Nanoparticles for Targeted Drug Delivery. <i>Nanotechnologies in Russia</i> , 2018, 13, 152-160.	0.7	5
39	Rotational dynamics of colloidal hexaferrite nanoplates. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	21
40	Diffusion doping route to plasmonic Si/SiO <sub>x</sub> nanoparticles. <i>RSC Advances</i> , 2018, 8, 18896-18903.	1.7	8
41	Luminescent down shifting CdTe colloidal quantum dots for enhancing polycrystalline silicon solar cells. <i>Optik</i> , 2018, 169, 41-47.	1.4	8
42	Silver Eco-Solvent Ink for Reactive Printing of Polychromatic SERS and SPR Substrates. <i>Sensors</i> , 2018, 18, 521.	2.1	7
43	Structural and Optical Properties of Silicon Nanowire Arrays Fabricated by Metal Assisted Chemical Etching With Ammonium Fluoride. <i>Frontiers in Chemistry</i> , 2018, 6, 653.	1.8	13
44	Nanoscale architecture of graphene oxide membranes for improving dehumidification performance. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2018, 9, 614-621.	0.2	5
45	Utilization of pertraction and capillary condensation technologies for complex treatment of associated petroleum gas with microporous membranes. <i>Neftyanoe Khozyaystvo - Oil Industry</i> , 2018, , 51-57.	0.1	2
46	The effect of geometric confinement on gas separation characteristics of additive poly[3-(trimethylsilyl)tricyclonene-7]. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2018, 9, 252-258.	0.2	1
47	Synthesis, structure, luminescence, and color features of the Eu- and Cu-doped calcium apatite. <i>Dyes and Pigments</i> , 2017, 141, 209-216.	2.0	19
48	Oriented arrays of iron nanowires: synthesis, structural and magnetic aspects. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 81, 327-332.	1.1	5
49	Capsulate structure effect on SWNTs doping in Rb <sub>x</sub> Ag <sub>1-x</sub> @SWNT composites. <i>CrystEngComm</i> , 2017, 19, 3063-3070.	1.3	7
50	Structural and magnetic properties of the nanocomposite materials based on a mesoporous silicon dioxide matrix. <i>Journal of Experimental and Theoretical Physics</i> , 2017, 124, 476-492.	0.2	1
51	Size-Dependent Structure Relations between Nanotubes and Encapsulated Nanocrystals. <i>Nano Letters</i> , 2017, 17, 805-810.	4.5	24
52	Mass Transport through Defects in Graphene Layers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23669-23675.	1.5	6
53	Growth of Porous Anodic Alumina on Low-Index Surfaces of Al Single Crystals. <i>Journal of Physical Chemistry C</i> , 2017, 121, 27511-27520.	1.5	34
54	Liquid permeation and chemical stability of anodic alumina membranes. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 561-570.	1.5	29

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55	Porous polypropylene membrane contactors for dehumidification of gases. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2017, , 798-803.	0.2	4
56	The structure and continuous stoichiometry change of 1DTbBr x @SWCNTs. <i>Journal of Microscopy</i> , 2016, 262, 92-101.	0.8	5
57	Spectroelectrochemistry of intercalated single-walled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 1585-1589.	0.7	3
58	Enhanced photon lifetime in silicon nanowire arrays and increased efficiency of optical processes in them. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	1.5	13
59	Study of one-dimensional crystal@single wall carbon nanotube nanocomposites using atomic resolution scanning transmission electron microscopy. <i>Nanotechnologies in Russia</i> , 2016, 11, 166-173.	0.7	2
60	Experimental and Theoretical Study of Enhanced Vapor Transport through Nanochannels of Anodic Alumina Membranes in a Capillary Condensation Regime. <i>Journal of Physical Chemistry C</i> , 2016, 120, 10982-10990.	1.5	28
61	Environmental control of electron-phonon coupling in barium doped graphene. <i>2D Materials</i> , 2016, 3, 045003.	2.0	14
62	Crystallography-Induced Correlations in Pore Ordering of Anodic Alumina Films. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19698-19704.	1.5	21
63	Enhanced gas separation factors of microporous polymer constrained in the channels of anodic alumina membranes. <i>Scientific Reports</i> , 2016, 6, 31183.	1.6	32
64	Measurements of the work function of single-walled carbon nanotubes encapsulated by AgI, AgCl, and CuBr using kelvin probe technique with different kinds of probes. <i>Journal of Experimental and Theoretical Physics</i> , 2016, 123, 143-148.	0.2	6
65	Synthesis and characterization of the copper doped Ca-La apatites. <i>Dyes and Pigments</i> , 2016, 133, 109-113.	2.0	14
66	The impact of dimensionality and stoichiometry of CuBr on its coupling to sp-carbon. <i>Carbon</i> , 2016, 99, 619-623.	5.4	9
67	Gas permeation through nanoporous membranes in the transitional flow region. <i>Nanotechnology</i> , 2016, 27, 085707.	1.3	42
68	Atomically precise semiconductor-graphene and hBN interfaces by Ge intercalation. <i>Scientific Reports</i> , 2015, 5, 17700.	1.6	24
69	Nanomechanical humidity detection through porous alumina cantilevers. <i>Beilstein Journal of Nanotechnology</i> , 2015, 6, 1332-1337.	1.5	10
70	Control over the distribution of luminescent impurities inside opal photonic crystals. <i>Superlattices and Microstructures</i> , 2015, 85, 615-619.	1.4	5
71	Resonance Raman spectroscopic study of shape-induced phase transition in CdSe nanoclusters. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 1-3.	1.2	7
72	Synthesis and characterization of the Bi-for-Ca substituted copper-based apatite pigments. <i>Dyes and Pigments</i> , 2015, 113, 96-101.	2.0	28

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73	Quasi free-standing one-dimensional nanocrystals of PbTe grown in 1.4 nm SWNTs. <i>Nanosystems: Physics, Chemistry, Mathematics</i> , 2015, , 850-856.	0.2	1
74	Effect of double nuclear scattering on nuclear-magnetic interference in experiment with small-angle diffraction of polarized neutrons. <i>Journal of Surface Investigation</i> , 2014, 8, 1010-1019.	0.1	2
75	Photoluminescence of nitrogen-doped nanodiamonds of cavitation synthesis. <i>Doklady Physics</i> , 2014, 59, 564-567.	0.2	2
76	Experimental study into the formation of nanodiamonds and fullerenes during cavitation in an ethanol-aniline mixture. <i>Doklady Physics</i> , 2014, 59, 503-506.	0.2	6
77	Periodic order and defects in Ni-based inverse opal-like crystals on the mesoscopic and atomic scale. <i>Physical Review B</i> , 2014, 90, .	1.1	10
78	Comparative Study of Structure and Permeability of Porous Oxide Films on Aluminum Obtained by Single- and Two-Step Anodization. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 7819-7824.	4.0	45
79	Raman identification of calcite grains in the Chelyabinsk meteorite. <i>Geochemistry International</i> , 2013, 51, 593-598.	0.2	8
80	Formation of artificial opals viewed in situ by X-ray grazing incidence diffraction. <i>Journal of Surface Investigation</i> , 2013, 7, 1234-1239.	0.1	3
81	Three-dimensional artificial spin ice in nanostructured Co on an inverse opal-like lattice. <i>Physical Review B</i> , 2013, 87, .	1.1	29
82	Influence of substrate microstructure on longitudinal correlation length of porous system of anodic alumina: Small-angle scattering study. <i>Nanotechnologies in Russia</i> , 2013, 8, 631-638.	0.7	6
83	Preparation of Nanocrystalline Nitrogen-doped Mesoporous Titanium Dioxide. <i>Mendeleev Communications</i> , 2013, 23, 11-13.	0.6	5
84	Longitudinal pore alignment in anodic alumina films grown on polycrystalline metal substrates. <i>Journal of Applied Crystallography</i> , 2013, 46, 1705-1710.	1.9	20
85	Characterization of CuHal-intercalated carbon nanotubes with x-ray absorption spectroscopy combined with x-ray photoelectron and resonant photoemission spectroscopies. <i>Journal of Physics: Conference Series</i> , 2013, 430, 012133.	0.3	2
86	The structure and electronic properties of copper iodide 1D nanocrystals within single walled carbon nanotubes. <i>Journal of Physics: Conference Series</i> , 2013, 471, 012035.	0.3	3
87	Single-walled carbon nanotubes filled with nickel halogenides: Atomic structure and doping effect. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 2328-2332.	0.7	47
88	Electrochemical X-ray Photolithography. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11602-11605.	7.2	8
89	Anodic Alumina Membranes for Separation Processes in Liquid Media. <i>Procedia Engineering</i> , 2012, 44, 1706-1707.	1.2	1
90	Permeability of anodic alumina membranes with branched channels. <i>Nanotechnology</i> , 2012, 23, 335601.	1.3	53

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91	Glass-ceramic manganite-based composites with the electro-resistance memory effect. Doklady Chemistry, 2012, 447, 254-257.	0.2	0
92	Synthesis of diamondlike nanoparticles under cavitation in toluene. Doklady Physics, 2012, 57, 373-377.	0.2	11
93	HRTEM of 1DSnTe@SWNT nanocomposite located on thin layers of graphite. Journal of Microscopy, 2012, 248, 117-119.	0.8	10
94	Magnetoplasmonic nanostructures based on nickel inverse opal slabs. Journal of Applied Physics, 2012, 111, .	1.1	33
95	Microwave properties of Ni-based ferromagnetic inverse opals. Physical Review B, 2012, 86, .	1.1	16
96	Synthesis of nanocomposites on basis of single-walled carbon nanotubes intercalated by manganese halogenides. Journal of Physics: Conference Series, 2012, 345, 012034.	0.3	8
97	Structure and luminescence characteristics of ZnS nanodot array in porous anodic aluminum oxide. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1462-1465.	0.8	18
98	Origin of long-range orientational pore ordering in anodic films on aluminium. Journal of Materials Chemistry, 2012, 22, 11922.	6.7	57
99	Acceptor doping of single-walled carbon nanotubes by encapsulation of zinc halogenides. European Physical Journal B, 2012, 85, 1.	0.6	49
100	Interaction between single walled carbon nanotube and 1D crystal in CuX@SWCNT (X=Cl, Br, I) nanostructures. Carbon, 2012, 50, 4021-4039.	5.4	71
101	The structure of 1D and 3D CuI nanocrystals grown within 1.5-2.5 nm single wall carbon nanotubes obtained by catalyzed chemical vapor deposition. Carbon, 2012, 50, 4696-4704.	5.4	30
102	The structure of nanocomposite 1D cationic conductor crystal@SWNT. Journal of Microscopy, 2012, 246, 309-321.	0.8	18
103	Mechanically stable flat anodic titania membranes for gas transport applications. Journal of Porous Materials, 2012, 19, 71-77.	1.3	8
104	The Kinetics and Mechanism of Long-Range Pore Ordering in Anodic Films on Aluminum. Journal of Physical Chemistry C, 2011, 115, 23726-23731.	1.5	50
105	Acetone Sensing by Modified SnO2 Nanocrystalline Sensor Materials. NATO Science for Peace and Security Series B: Physics and Biophysics, 2011, , 409-421.	0.2	3
106	Growth and Characterization of One-Dimensional SnTe Crystals within the Single-Walled Carbon Nanotube Channels. Journal of Physical Chemistry C, 2011, 115, 3578-3586.	1.5	50
107	Controlled way to prepare quasi-1D nanostructures with complex chemical composition in porous anodic alumina. Chemical Communications, 2011, 47, 2396-2398.	2.2	24
108	Synthesis and properties of magnetoresistive (La,Sr)MnO3-based glass-ceramic borate-matrix composites. Inorganic Materials, 2011, 47, 670-673.	0.2	1

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109	Arrays of interacting ferromagnetic nanofilaments: Small-angle neutron diffraction study. JETP Letters, 2011, 94, 635-641.	0.4	14
110	Magnetic topology of Co-based inverse opal-like structures. Physical Review B, 2011, 84, .	1.1	21
111	Face-centered cubic carbon synthesis under cavitation compression. Doklady Physics, 2011, 56, 463-466.	0.2	8
112	X-ray absorption investigation of the electronic structure of the CuI@SWCNT nanocomposite. Physics of the Solid State, 2011, 53, 643-653.	0.2	6
113	Electric-field-assisted self-assembly of colloidal particles. Physics of the Solid State, 2011, 53, 1126-1130.	0.2	17
114	Radiation parameters of thin-film electroluminescent emitters based on ZnSe nanocomposite layers. Technical Physics, 2011, 56, 896-898.	0.2	2
115	Tuning the microstructure and functional properties of metal nanowire arrays via deposition potential. Electrochimica Acta, 2011, 56, 2378-2384.	2.6	63
116	Magnetic properties of cobalt nanowires: Study by polarized SANS. Physica B: Condensed Matter, 2011, 406, 2405-2408.	1.3	9
117	Two-dimensional spatially ordered arrays of cobalt nanowires: polarized SANS study. Journal of Physics: Conference Series, 2010, 247, 012033.	0.3	3
118	Study of Inverse Ni-based Photonic Crystal using the Microradian X-ray Diffraction. Journal of Physics: Conference Series, 2010, 247, 012029.	0.3	3
119	Synthesis and structure study of ordered arrays of ZnSe nanodots. Journal of Surface Investigation, 2010, 4, 645-648.	0.1	5
120	Magnetic properties of a two-dimensional spatially ordered array of nickel nanowires. Physics of the Solid State, 2010, 52, 1080-1086.	0.2	11
121	Analysis of the imperfection of opal-like photonic crystals synthesized on conducting substrates. Physics of the Solid State, 2010, 52, 1087-1091.	0.2	3
122	Magnetic transitions in one- and two-dimensional nanostructures. Nanotechnologies in Russia, 2010, 5, 214-222.	0.7	1
123	Nanostructures: Scattering beyond the Born approximation. Physical Review B, 2010, 81, .	1.1	22
124	Synthesis and structural study of the ordered germanium nanorod arrays. Journal of Structural Chemistry, 2010, 51, 132-136.	0.3	12
125	Structure and electronic properties of AgX (X = Cl, Br, I)-intercalated single-walled carbon nanotubes. Carbon, 2010, 48, 2708-2721.	5.4	83
126	Long-range ordering in anodic alumina films: a microradian X-ray diffraction study. Journal of Applied Crystallography, 2010, 43, 531-538.	1.9	33



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127	Synthesis of ZnSe semiconductor nanodot arrays by templated PVD. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 1539-1541.	0.8	5
128	Study of the electronic structure of single-walled carbon nanotubes filled with cobalt bromide. <i>JETP Letters</i> , 2010, 91, 196-200.	0.4	35
129	Morphological modification of the surface of polymers by the replication of the structure of anodic aluminum oxide. <i>JETP Letters</i> , 2010, 92, 453-456.	0.4	10
130	Confinement effects of CdSe nanocrystals intercalated into mesoporous silica. <i>Applied Physics Letters</i> , 2010, 96, 111907.	1.5	8
131	Controlled growth of metallic inverse opals by electrodeposition. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 15414.	1.3	38
132	Electronic Structure of CuI@SWCNT Nanocomposite Studied by X-Ray Absorption Spectroscopy. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2010, 18, 574-578.	1.0	7
133	Fabrication of Artificial Opals by Electric-Field-Assisted Vertical Deposition. <i>Langmuir</i> , 2010, 26, 2346-2351.	1.6	56
134	10.1007/s11448-008-1004-x. , 2010, 87, 12.		0
135	Special features of the structure of aluminum alloy welds formed by friction welding. <i>Metal Science and Heat Treatment</i> , 2009, 51, 184-190.	0.2	2
136	Determination of the real structure of artificial and natural opals on the basis of three-dimensional reconstructions of reciprocal space. <i>JETP Letters</i> , 2009, 90, 272-277.	0.4	20
137	Two-dimensional spatially ordered system of nickel nanowires probed by polarized SANS. <i>Physica B: Condensed Matter</i> , 2009, 404, 2568-2571.	1.3	7
138	Magnetophotonic properties of inverse magnetic metal opals. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 833-835.	1.0	8
139	Cobalt-containing nanocomposites based on zeolites of MFI framework type. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3866-3869.	1.0	10
140	Double Stacking Faults in Convectively Assembled Crystals of Colloidal Spheres. <i>Langmuir</i> , 2009, 25, 10408-10412.	1.6	54
141	Structural and magnetic properties of inverse opal photonic crystals studied by x-ray diffraction, scanning electron microscopy, and small-angle neutron scattering. <i>Physical Review B</i> , 2009, 79, .	1.1	24
142	Preparing magnetic nanoparticles with controllable anisotropy of functional properties within a porous matrix of alumina. <i>Nanotechnologies in Russia</i> , 2009, 4, 176-181.	0.7	11
143	The thermal stability of porous anodic titania films. <i>Nanotechnologies in Russia</i> , 2009, 4, 296-301.	0.7	6
144	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

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145	Measurements of work function of pristine and CuI doped carbon nanotubes. Journal of Experimental and Theoretical Physics, 2009, 109, 307-313.	0.2	8
146	Preparation and properties of single-walled nanotubes filled with inorganic compounds. Russian Chemical Reviews, 2009, 78, 833-854.	2.5	56
147	Chemical Reactions within Single-Walled Carbon Nanotube Channels. Chemistry of Materials, 2009, 21, 5001-5003.	3.2	33
148	Scanning probe measurements of CuI doped single-walled carbon nanotubes. Proceedings of SPIE, 2009, , .	0.8	0
149	Local atomic structure of zinc selenide films: EXAFS data. Journal of Structural Chemistry, 2008, 49, 124-128.	0.3	2
150	The electronic properties of SWNTs intercalated by electron acceptors. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 2283-2288.	1.3	31
151	Preparation and magnetic properties of ordered iron nanowires in mesoporous silica matrix. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 2531-2534.	1.3	2
152	Formation mechanism and packing options in tubular anodic titania films. Microporous and Mesoporous Materials, 2008, 114, 440-447.	2.2	36
153	Optical properties of $\text{Fe}^{3+}$ -ferric oxide nanoparticles in a mesoporous silica matrix. Technical Physics Letters, 2008, 34, 288-291.	0.2	12
154	Magnetic inverted photonic crystals: A polarized neutron scattering study. JETP Letters, 2008, 87, 12-17.	0.4	2
155	The structure of 1D CuI crystals inside SWNTs. Journal of Microscopy, 2008, 232, 335-342.	0.8	36
156	The Behaviour of 1D CuI Crystal@SWNT Nanocomposite under Electron Irradiation. AIP Conference Proceedings, 2008, , .	0.3	10
157	Ordered cobalt nanowires in mesoporous aluminosilicate. Materials Science and Engineering C, 2007, 27, 1411-1414.	3.8	2
158	Topology constrained magnetic structure of Ni photonic crystals. Physica B: Condensed Matter, 2007, 397, 23-26.	1.3	26
159	Polarized SANS study of spatially ordered magnetic nanowires. Physica B: Condensed Matter, 2007, 397, 82-84.	1.3	3
160	Ordered arrays of Ni magnetic nanowires: Synthesis and investigation. Physica E: Low-Dimensional Systems and Nanostructures, 2007, 37, 178-183.	1.3	33
161	Filling of single-walled carbon nanotubes by CuI nanocrystals via capillary technique. Physica E: Low-Dimensional Systems and Nanostructures, 2007, 37, 62-65.	1.3	49
162	Polarized small-angle neutron scattering study of two-dimensional spatially ordered systems of nickel nanowires. Journal of Applied Crystallography, 2007, 40, s532-s536.	1.9	12

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