Vladimir Ustinov

List of Publications by Year in descending order

322	2,260	331259	476904
papers	citations	21 h-index	29 g-index

329	329	329	1392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advantages of using Cu1-Ñ...InÑ... alloys as spacers in GMR multilayers. Journal of Alloys and Compounds, 2022, 917, 165512.	2.8	2
2	Enhancement of microwave giant magnetoresistance effect in reflected wave. Applied Physics Letters, 2022, 120, 233502.	1.5	0
3	Effective Co-rich ternary CoFeNi alloys for spintronics application. Journal of Alloys and Compounds, 2021, 854, 157171.	2.8	5
4	Influence of Dimensional Effects on the Curie Temperature of Dy and Ho Thin Films. Physics of Metals and Metallography, 2021, 122, 465-471.	0.3	1
5	Formation of Unidirectional Magnetic Anisotropy in a Spin Valve Containing a Dysprosium Layer. Physics of Metals and Metallography, 2021, 122, 540-546.	0.3	3
6	Tunable spin-flop transition in artificial ferrimagnets. Physical Review B, 2021, 104, .	1.1	3
7	Application of a Gd Reference Layer for the Study of Magnetic Metallic Nanostructures by Neutron Reflectometry. Journal of Surface Investigation, 2021, 15, 899-902.	0.1	1
8	Magnetic Structure of Planar Dy/Co Nanoheterostructures at Room Temperature. Journal of Surface Investigation, 2021, 15, 966-969.	0.1	0
9	Magnetoresistive Properties of Dy-Based Bottom Spin Valve. IEEE Nanotechnology Magazine, 2021, 20, 866-872.	1.1	3
10	Flexible Spin Valves: Interlayer Interaction and Deformation Sensitivity. Physics of Metals and Metallography, 2021, 122, 1066-1074.	0.3	1
11	Spin Valves as a Tool for Studying Helicoidal Magnetism. Journal of Surface Investigation, 2021, 15, 1278-1281.	0.1	1
12	Depth-resolved local atomic structure of Fe/Cr multilayer film with GMR effect: Experimental results. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 253, 114247.	1.7	1
13	Microwave penetration through (Fe0.82Ni0.18)/V superlattices. Journal of Magnetism and Magnetic Materials, 2020, 493, 165700.	1.0	2
14	Noncollinear Magnetic Order in a Dysprosium Layer and Magnetotransport Properties of a Spin Valve Containing the CoFe/Dy/CoFe Structure. Physics of Metals and Metallography, 2020, 121, 624-630.	0.3	8
15	Use of a Spin-Flop State for the Creation of Spin-Valve Elements for a Full Wheatstone Bridge. Physics of Metals and Metallography, 2020, 121, 721-728.	0.3	1
16	Electrical magnetochiral effect and kinetic magnetoelectric effect induced by chiral exchange field in helical magnetics. Physical Review B, 2020, 102, .	1.1	13
17	Microwave Giant Magnetoresistance and Ferromagnetic and Spin-Wave Resonances in (CoFe)/Cu Nanostructures. Journal of Experimental and Theoretical Physics, 2020, 131, 139-148.	0.2	7
18	Structure and Magnetism of Co/Dy Superlattices. Physics of the Solid State, 2020, 62, 1664-1666.	0.2	4

#	Article	IF	Citations
19	Analysis of Structural Features of Periodic Fe/Pd/Gd/Pd Multilayered Systems. Crystallography Reports, 2020, 65, 985-994.	0.1	2
20	Mobility of magnetic helicoid in holmium nano-layer. Current Applied Physics, 2020, 20, 1328-1334.	1.1	2
21	Development of Reference Layer Method in Resonant Neutron Reflectometry. Journal of Surface Investigation, 2020, 14, S161-S164.	0.1	2
22	Electron Spin Current and Spin-Dependent Galvanomagnetic Phenomena in Metals. Physics of Metals and Metallography, 2020, 121, 223-234.	0.3	8
23	Magnetic Properties of Dy Thin Films Grown on Al2O3 Substrates with Different Crystallographic Orientations. Physics of Metals and Metallography, 2020, 121, 1127-1131.	0.3	5
24	Transmission of Microwaves through Magnetic Metallic Nanostructures. Physics of Metals and Metallography, 2020, 121, 1137-1167.	0.3	0
25	The influence of microstructure on perpendicular magnetic anisotropy in Co/Dy periodic multilayer systems. Physica B: Condensed Matter, 2019, 573, 28-35.	1.3	7
26	High-Sensitive Sensing Elements Based on Spin Valves with Antiferromagnetic Interlayer Coupling. Physics of Metals and Metallography, 2019, 120, 653-659.	0.3	12
27	Experimental Approbation of Reference Layer Method in Resonant Neutron Reflectometry. Physics of Metals and Metallography, 2019, 120, 838-843.	0.3	4
28	Spin valve with a composite dysprosium-based pinned layer as a tool for determining Dy nanolayer helimagnetism. Current Applied Physics, 2019, 19, 1252-1258.	1.1	15
29	Atomic Structure of Multilayered Low-Contrast Fe/Cr Thin Films: Mathematical Formalism and Numerical Experiments. Physics of Metals and Metallography, 2019, 120, 756-762.	0.3	1
30	Magnetoresistive Properties of CoFe/Cu/CoFe/Dy Pseudo Spin Valves under Conditions of Interdiffusion of Dysprosium and CoFe Ferromagnetic Alloy Layers. Physics of Metals and Metallography, 2019, 120, 429-435.	0.3	10
31	Microwave Giant Magnetoresistance in [CoFe/Cu]n Superlattices with Record-High Magnetoresistance. Technical Physics Letters, 2019, 45, 225-227.	0.2	9
32	High GMR Effect and Perfect Microstructure in CoFe/Cu Multilayers. IEEE Transactions on Magnetics, 2019, 55, 1-4.	1.2	11
33	Transition in a Magnetic Non-Collinear Spin-Flop State in a Fe/Pd/Gd/Pd Superlattice. JETP Letters, 2019, 109, 406-409.	0.4	5
34	Magnetic proximity effect in Nb/Gd superlattices seen by neutron reflectometry. Physical Review B, 2019, 99, .	1.1	15
35	Nuclear Magnetic Resonance and X-ray Reflectometry of Co/Cu Superlattices. Applied Magnetic Resonance, 2019, 50, 415-423.	0.6	2
36	Magnetoresistance of CoFeNi/Cu Superlattices Differing in the Ferromagnetic Alloy Composition. Physics of Metals and Metallography, 2019, 120, 831-837.	0.3	7

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37	Spin current polarization and electrical conductivity in metal helimagnets. Journal of Physics: Conference Series, 2019, 1389, 012151.	0.3	3
38	Magnetic ordering in Fe/X/Gd (X=Cr, Pd) superlattices. Journal of Physics: Conference Series, 2019, 1389, 012152.	0.3	0
39	Novel method of phase determination in neutron reflectometry using reference layer. Journal of Physics: Conference Series, 2019, 1389, 012153.	0.3	1
40	Microstructure and magnetoresistance of Co90Fe10/Cu and Co65Fe26Ni9/Cu multilayers. Journal of Physics: Conference Series, 2019, 1389, 012156.	0.3	0
41	Magnetoresistive properties of exchange biased spin valve caused by helical magnetic ordering in dysprosium layer. Journal of Physics: Conference Series, 2019, 1389, 012158.	0.3	0
42	NMR studies of interlayer boundaries in Co/Cu superlattices. Journal of Physics: Conference Series, 2019, 1389, 012159.	0.3	0
43	Spin-Wave Resonance in (Fe0.82Ni0.18)/V Nanostructure. Journal of Experimental and Theoretical Physics, 2019, 129, 911-923.	0.2	1
44	Spin valve based sensor elements for full Wheatstone bridge. Journal of Physics: Conference Series, 2019, 1389, 012157.	0.3	0
45	Anhysteretic magnetic reversal of meander-shaped spin valve with synthetic antiferromagnet. Sensors and Actuators A: Physical, 2019, 285, 73-79.	2.0	3
46	Twisted magnetization states and inhomogeneous resonance modes in a Fe/Gd ferrimagnetic multilayer. Journal of Magnetism and Magnetic Materials, 2019, 475, 668-674.	1.0	14
47	Experimental determination of gadolinium scattering characteristics in neutron reflectometry with reference layer. Physica B: Condensed Matter, 2019, 552, 58-61.	1.3	8
48	Magnetic and superconducting phase diagram of Nb/Gd/Nb trilayers. Physical Review B, 2018, 97, .	1.1	21
49	Double-spiral magnetic structure of the Fe/Cr multilayer revealed by nuclear resonance reflectivity. Physical Review B, 2018, 97, .	1.1	8
50	Nuclear resonance reflectivity from a [⁵⁷Fe/Cr]₃₀multilayer with the Synchrotron MÃ¶ssbauer Source. Journal of Synchrotron Radiation, 2018, 25, 473-483.	1.0	15
51	A subnanometric resolution method for studying local atomic structure of interface and surface of multilayered nanoheterostructure thin films. Thin Solid Films, 2018, 656, 44-52.	0.8	0
52	Coherent Fan Magnetic Structure in Dy/Gd Superlattices. JETP Letters, 2018, 108, 341-345.	0.4	9
53	Exchange-Coupled Superlattices with Record Magnetoresistance. Physics of Metals and Metallography, 2018, 119, 1162-1166.	0.3	9
54	Giant Magnetoresistance and Hysteresis Phenomena in CoFe/Cu Superlattices with Highly Perfect Crystallographic Texture. Physics of Metals and Metallography, 2018, 119, 1073-1078.	0.3	7

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55	Top and Bottom Spin Valves With Ni-Fe-Mn Antiferromagnetic Layer. EPJ Web of Conferences, 2018, 185, 01006.	0.1	0
56	Colossal magnetoresistance manganites. Physics-Uspekhi, 2018, 61, 719-738.	0.8	30
57	Specific Features of the Magnetic Anisotropy of Thin Yttrium Iron Garnet Films Prepared by Pulsed Laser Deposition. Physics of Metals and Metallography, 2018, 119, 1062-1067.	0.3	6
58	Effect of Cr Spacer on Structural and Magnetic Properties of Fe/Gd Multilayers. Journal of Experimental and Theoretical Physics, 2018, 127, 742-752.	0.2	8
59	Microstructure and Magnetic Properties of the Gadolinium Nanolayer in a Thermo-Sensitive Spin Valve. Physics of Metals and Metallography, 2018, 119, 817-824.	0.3	3
60	Mikhail Vissarionovich Sadovskii (on his 70th birthday). Physics-Uspekhi, 2018, 61, 212-213.	0.8	0
61	Spin Valves with the Controlled Shift of Low-Field Hysteresis Loop and High-Sensitive Sensing Elements on Their Basis. Physics of Metals and Metallography, 2018, 119, 530-535.	0.3	7
62	Nuclear Resonance Reflectivity of Dy/Gd Superlattices. JETP Letters, 2018, 107, 196-199.	0.4	3
63	Influence of the Interface State on the Magnetoresistive Properties of Co/Cu Superlattices. Physics of Metals and Metallography, 2018, 119, 309-315.	0.3	5
64	Magnetooptical, optical, and magnetotransport properties of Co/Cu superlattices with ultrathin cobalt layers. Physics of the Solid State, 2017, 59, 53-62.	0.2	2
65	Crystal structure and magnetic properties of Fe/Cr/Gd superlattices. Physics of Metals and Metallography, 2017, 118, 143-149.	0.3	5
66	Elastic properties of La0.82Ca0.18MnO3 single crystal. Physics of the Solid State, 2017, 59, 283-286.	0.2	1
67	Microstructure of periodic metallic magnetic multilayer systems. Thin Solid Films, 2017, 632, 79-87.	0.8	9
68	Determination of neutron scattering potential of the thin multilayered film with gadolinium reference layer. Superlattices and Microstructures, 2017, 109, 201-208.	1.4	8
69	Magnetoresistive sensitivity and uniaxial anisotropy of spin-valve microstrips with a synthetic antiferromagnet. Physics of Metals and Metallography, 2017, 118, 415-420.	0.3	6
70	Dynamic spin-current generation in hybrid structures by sound wave. Low Temperature Physics, 2017, 43, 442-448.	0.2	0
71	Magnetization reversal and inverted magnetoresistance of exchange-biased spin valves with a gadolinium layer. Journal of Applied Physics, 2017, 121, 123902.	1.1	9
72	Effect of phonon focusing on Knudsen flow of phonon gas in single-crystal nanowires made of spintronics materials. Physics of Metals and Metallography, 2017, 118, 10-20.	0.3	11

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73	Local atomic structure of Fe/Cr multilayers: Depth-resolved method. Journal of Magnetism and Magnetic Materials, 2017, 440, 203-206.	1.0	1
74	Field-temperature evolution of the magnetic state of [Fe(1.2 Ã…)/Cr(10.5 Ã…)]30 structure by MÃ¶ssbauer reflectometry with synchrotron radiation. Journal of Magnetism and Magnetic Materials, 2017, 440, 225-229.	1.0	6
75	Magnetization and ferromagnetic resonance in a Fe/Gd multilayer: experiment and modelling. Journal of Physics Condensed Matter, 2017, 29, 115802.	0.7	6
76	Electric measurement and magnetic control of spin transport in InSb-based lateral spin devices. Physical Review B, 2017, 96, .	1.1	18
77	Chemical potential of quasi-equilibrium magnon gas driven by pure spin current. Nature Communications, 2017, 8, 1579.	5.8	31
78	Influence of phonon focusing on the Knudsen flow of phonon gas in single-crystal nanofilms of spintronic materials. Physics of Metals and Metallography, 2017, 118, 316-327.	0.3	5
79	Modelless approach in X-ray reflectivity of multilayer nanoheterostructure Fe/Cr. Journal of Magnetism and Magnetic Materials, 2017, 440, 207-209.	1.0	0
80	Giant Magnetoresistance of Metallic Exchange-Coupled Multilayers and Spin Valves. Physics of Metals and Metallography, 2017, 118, 1300-1359.	0.3	19
81	Crystal Structure and Magnetic Properties of Dy/Gd Superlattices. Physics of Metals and Metallography, 2017, 118, 1209-1214.	0.3	4
82	Control of Low-Field Hysteresis Loop Shift of Spin Valves. Physics of Metals and Metallography, 2017, 118, 1203-1208.	0.3	4
83	The influence of phonon focusing on density of states and the Knudsen phonon gas flow in nanowires with different types of anisotropy of elastic energy. Physica Status Solidi C: Current Topics in Solid State Physics, 2017, 14, .	0.8	10
84	Peculiarities of neutron waveguides with thin Gd layer. Journal of Physics: Conference Series, 2016, 746, 012064.	0.3	4
85	Phonon focusing and electronâ€“phonon drag in semiconductor crystals with degenerate charge-carrier statistics. Journal of Experimental and Theoretical Physics, 2016, 123, 489-505.	0.2	6
86	Spin-flop states in a synthetic antiferromagnet and variations of unidirectional anisotropy in FeMn-based spin valves. Physics of Metals and Metallography, 2016, 117, 1179-1184.	0.3	8
87	Nuclear resonance reflection of synchrotron radiation from thin dysprosium films with different types of magnetic ordering. Physics of Metals and Metallography, 2016, 117, 1198-1205.	0.3	3
88	NiFeCo/Cu superlattices with high magnetoresistive sensitivity and weak hysteresis. Physics of the Solid State, 2016, 58, 2011-2017.	0.2	8
89	Kev Minullinovich Salikhov (on his 80th birthday). Physics-Uspekhi, 2016, 59, 1266-1267.	0.8	0
90	Local atomic structure of solid solutions with overlapping shells by EXAFS: The regularization method. Journal of Electron Spectroscopy and Related Phenomena, 2016, 211, 1-11.	0.8	8

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91	Elastic properties of a La0.5Pr0.2Ca0.3MnO3 single crystal. Physics of the Solid State, 2016, 58, 296-299.	0.2	1
92	Spin-Flop in Synthetic Antiferromagnet and Anhysteretic Magnetic Reversal in FeMn-Based Spin Valves. IEEE Transactions on Magnetics, 2016, 52, 1-4.	1.2	5
93	Study of the structure of interlayer boundaries in [Co/Cu]10 superlattices by methods of NMR and X-ray reflectometry. Physics of Metals and Metallography, 2016, 117, 1192-1197.	0.3	5
94	Angular dependence of the FMR linewidth and the anisotropy of the relaxation time in iron garnets. Physics of Metals and Metallography, 2016, 117, 9-15.	0.3	5
95	Striking anomalies in the shape of MÃ¶ssbauer spectra measured near â€œmagneticâ€•Bragg reflection from [Fe/Cr] multilayer. Hyperfine Interactions, 2016, 237, 1.	0.2	4
96	Unidirectional Anisotropy in Nanostructures with Antiferromagnetic NiFeMn Layer. Solid State Phenomena, 2015, 233-234, 517-521.	0.3	1
97	Spin effects induced by thermal perturbation in a normal metal/magnetic insulator system. Physical Review B, 2015, 91, .	1.1	12
98	Phonon focusing and temperature dependences of thermal conductivity of silicon nanofilms. Journal of Experimental and Theoretical Physics, 2015, 120, 638-650.	0.2	7
99	Thermal stability of spin valves based on a synthetic antiferromagnet and Fe50Mn50 alloy. Physics of Metals and Metallography, 2015, 116, 1073-1079.	0.3	6
100	Spin valves based on Mn75Ir25 antiferromagnet with controllable functional parameters. Semiconductors, 2015, 49, 1698-1701.	0.2	1
101	Structural characterization of Cr/Gd/Cr and Cr/Gd/Fe/Cr multilayer nanostructures by X-ray reflectometry. Physics of Metals and Metallography, 2015, 116, 1116-1126.	0.3	1
102	Magnetization and magnetoresistance of a spin valve. Physics of Metals and Metallography, 2015, 116, 170-174.	0.3	3
103	Investigation of interfaces of multilayer Co/Cu structures using the method of nuclear magnetic resonance. Physics of Metals and Metallography, 2015, 116, 136-140.	0.3	7
104	Interlayer coupling in Fe/Cr/Gd multilayer structures. Journal of Experimental and Theoretical Physics, 2015, 120, 1041-1054.	0.2	17
105	Spin-dependent scattering of conduction electrons in Co/Cu multilayers. Journal of Magnetism and Magnetic Materials, 2015, 389, 169-175.	1.0	5
106	The phase problem for X-ray specular reflectivity from thin films: A new approach. Superlattices and Microstructures, 2015, 82, 612-622.	1.4	7
107	Effect of annealing on magnetoresistance and microstructure of multilayered CoFe/Cu systems with different buffer layer. Physics of Metals and Metallography, 2015, 116, 156-161.	0.3	9
108	Visualization of the atomic structure of solid solutions with the NaCl structure. Physics of the Solid State, 2015, 57, 717-721.	0.2	2

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109	Electric injection and detection of spin-polarized electrons in lateral spin valves on ferromagnetic metal-semiconductor InSb heterojunctions. JETP Letters, 2015, 101, 113-117.	0.4	7
110	Uniaxial anisotropy variations and the reduction of free layer coercivity in MnIr-based top spin valves. Applied Physics A: Materials Science and Processing, 2015, 121, 1133-1137.	1.1	3
111	Giant magnetoresistance of CoFe/Cu superlattices with the (Ni80Fe20)60Cr40 buffer layer. Physics of Metals and Metallography, 2015, 116, 987-992.	0.3	16
112	INTERLAYER COUPLING AND MAGNETIC ANISOTROPY AS KEY FACTORS FOR CREATION OF HYSTERESIS-LESS SPIN VALVES. Spin, 2014, 04, 1440001.	0.6	12
113	Polarized neutron reflectometry of Fe/Cr/Gd superlattices. Journal of Surface Investigation, 2014, 8, 983-986.	0.1	5
114	Physics of magnetic materials: A scientific school of E. A. Turov. Physics of Metals and Metallography, 2014, 115, 1047-1056.	0.3	0
115	Interface Structure and Magnetoresistance Studies of [Co/C]_nSuperlattices by Means of NMR and TEM. Solid State Phenomena, 2014, 215, 358-363.	0.3	8
116	Interfacial Electronic Scattering in Fe/Cr Superlattices. Solid State Phenomena, 2014, 215, 331-336.	0.3	0
117	C60 layer growth on the Co/Si(111)<mml:math altimg="si8.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.co.	3.1	10
118	Nature of the ferromagnetic ground state in the Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>molecular magnet. Physical Review B, 2014, 89, .	1.1	7
119	Magnetic properties of La0.7â^'xPrxCa0.3MnO3 single crystals: When is Banerjee criterion applicable?. Journal of Magnetism and Magnetic Materials, 2014, 354, 76-80.	1.0	35
120	Diagnostics of the atomic structure of multilayer metallic nanoheterostructures from reflectometry data: A new approach to low-contrast systems. Physics of the Solid State, 2014, 56, 1904-1915.	0.2	7
121	A new interpretation of X-ray reflectivity in real space for low contrast multilayer systems I. Mathematical algorithm and numerical simulations. Superlattices and Microstructures, 2014, 74, 100-113.	1.4	8
122	Effect of spectrum processing procedure on the linearity of EPR dose reconstruction in tooth enamel. Radiation Measurements, 2014, 68, 7-13.	0.7	3
123	Heterometallic complexes combining [Mn^{III}(salpn)]⁺ and [Fe(CN)₆]^{4â^'} units as the products of reactions between [Mn^{III}(salpn)(H₂O)C(CN)₃] and [Fe(CN)₆]^{3â^'/4â^'}. New Journal of Chemistry, 2014, 38, 4167-4176.	1.4	9
124	Spin resonance associated with itinerant electrons affected by the injected spin current. JETP Letters, 2014, 99, 327-328.	0.4	0
125	Formation of ordered NiFeMn antiferromagnetic phase in permalloy/manganese bilayers in the course of thermomagnetic treatment. Physics of Metals and Metallography, 2014, 115, 335-341.	0.3	1
126	Anhysteretic magnetization reversal of spin valves with a strong and weak interlayer coupling. Physics of Metals and Metallography, 2014, 115, 350-357.	0.3	12

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127	Scattering of conduction electrons in Fe(t x , Ã...)/Cr(10 Ã...) superlattices with ultrathin iron layers. Physics of the Solid State, 2014, 56, 505-510.	0.2	3
128	Hysteresis-free spin valves with a noncollinear configuration of magnetic anisotropy. Physics of the Solid State, 2014, 56, 1125-1130.	0.2	9
129	Degree of perfection of the âŒ©111âŒª texture and the hysteresis of magnetoresistance in MnIr-based top spin valves. Physics of Metals and Metallography, 2013, 114, 383-389.	0.3	7
130	Elastic and magnetic properties of single-crystal La0.4Pr0.3Ca0.3MnO0.3. Physics of Metals and Metallography, 2013, 114, 390-394.	0.3	4
131	High-frequency properties of Fe/Cr superlattices with thin Cr layers in the millimeter-wavelength range. Technical Physics, 2013, 58, 1073-1079.	0.2	1
132	Giant antiresonance in electromagnetic wave reflection from a 3D structure with ferrite spinel nanoparticles. Technical Physics, 2013, 58, 568-577.	0.2	18
133	Top non-collinear spin valves with a composite free layer for hysteresis-free GMR sensors. Journal of the Korean Physical Society, 2013, 63, 663-666.	0.3	4
134	First principles electronic structure calculation and simulation of the evolution of radiation defects in plutonium by the density functional theory and the molecular dynamics approach. Physics of Metals and Metallography, 2013, 114, 1087-1122.	0.3	11
135	Magnetic peculiarities of plutonium and compounds. Physics of Metals and Metallography, 2013, 114, 1155-1181.	0.3	8
136	Study of the possibility of using Ni-Fe-Mn alloys as material for pinning layers in spin valves. Inorganic Materials: Applied Research, 2013, 4, 369-375.	0.1	0
137	Magnetocaloric effect in inhomogeneous ferromagnets. Journal of Applied Physics, 2013, 113, .	1.1	23
138	Diffusion Mechanism of Exchange Bias Formation in Permalloy-Manganese Nanostructures at Thermo-Magnetic Treatment. Journal of Nanoscience and Nanotechnology, 2012, 12, 7562-7565.	0.9	1
139	Low Hysteresis FeMn-Based Top Spin Valve. Journal of Nanoscience and Nanotechnology, 2012, 12, 7558-7561.	0.9	4
140	Ordered Mn-diluted Au/Si(111) reconstructions. Surface Science, 2012, 606, 104-109.	0.8	3
141	Investigation of nanostructures based on Ni80Fe20/(Ni80Fe20)20Mn80 bilayers with a unidirectional exchange anisotropy. Physics of Metals and Metallography, 2012, 113, 749-755.	0.3	4
142	Study of scattering of conduction electrons in Fe/Cr superlattices by IR magnetoreflection method. Physics of Metals and Metallography, 2012, 113, 1153-1161.	0.3	5
143	Anomalous magnetic antiresonance and resonance in ferrite nanoparticles embedded in opal matrix. Journal of Magnetism and Magnetic Materials, 2012, 324, 78-82.	1.0	31
144	Effect of inhomogeneity on magnetic, magnetocaloric, and magnetotransport properties of La0.6Pr0.1Ca0.3MnO3 single crystal. Journal of Magnetism and Magnetic Materials, 2012, 324, 1112-1116.	1.0	18

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145	High-sensitive hysteresisless spin valve with a composite free layer. Physics of Metals and Metallography, 2012, 113, 341-348.	0.3	18
146	Giant changes in magnetic and magnetoresistive properties of CoFe/Cu multilayers at subnanosized variations in the thickness of the chromium buffer layer. Physics of Metals and Metallography, 2011, 112, 138-145.	0.3	20
147	Effect of thermomagnetic treatment on the magnetic properties of permalloy/manganese bilayer films. Physics of Metals and Metallography, 2011, 112, 350-355.	0.3	3
148	Elastic and magnetic properties of the La0.6Pr0.1Ca0.3MnO3 single crystal. Physics of the Solid State, 2011, 53, 1328-1332.	0.2	6
149	Applying angle resolved EXAFS spectroscopy to the study of layers and interfaces in metallic multilayer nanoheterostructures. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 1039-1041.	0.1	0
150	Effect of vacancies on the spin density waves onset in Fe/Cr superlattices. European Physical Journal B, 2011, 81, 203-207.	0.6	2
151	In memory of Yurii Aleksandrovich Izyumov. Physics-Uspekhi, 2011, 54, 323-324.	0.8	0
152	Effect of yttrium doping on the resistivity and magnetoresistance of La0.80Sr0.20MnO3. Physics of Metals and Metallography, 2010, 110, 442-448.	0.3	2
153	Complementary application of neutron and synchrotron X-ray scattering to the determination of the magnetic microstructure of exchange-coupled layered nanoheterostructures. Physics of the Solid State, 2010, 52, 2259-2262.	0.2	5
154	MÃ¶ssbauer study of spatial dispersion of magnetization at Fe/Cr superlattice interfaces. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 352-357.	0.1	1
155	Effect of Si(100)-c(4 Ã— 12)-Al and Si(111)-(5.55 Ã— 5.55)-Cu reconstructions on the deposition of cobalt onto silicon surface. Technical Physics Letters, 2010, 36, 100-103.	0.2	3
156	Effective generation of the harmonics of magnetic flux in a toroid made of lanthanum manganite. Journal of Communications Technology and Electronics, 2010, 55, 1264-1270.	0.2	0
157	Transition from antiferromagnetic interlayer ordering to superparamagnetic state in Fe/Cr nanostructures by varying Fe thickness. European Physical Journal B, 2010, 74, 467-474.	0.6	5
158	Synthesis, structures, and magnetic properties of crystals of dinuclear copper(II) and cobalt(II) complexes with 3-(3,5-dimethylpyrazol-1-yl)-6-R-1,2,4,5-tetrazines. Russian Chemical Bulletin, 2010, 59, 717-723.	0.4	5
159	Magnetic inhomogeneity of lanthanum manganites single crystals. Journal of Magnetism and Magnetic Materials, 2010, 322, 963-966.	1.0	14
160	Magnetooptics of Fe/Cr Superlattices. Solid State Phenomena, 2010, 168-169, 517-520.	0.3	1
161	Giant Drop of Magnetic Hysteresis with Decreasing Thickness of Cr-Buffer Layer of CoFe/Cu Superlattices. Solid State Phenomena, 2010, 168-169, 303-306.	0.3	0
162	Parameters of Fe/Cr interfacial electron scattering from infrared magnetoreflection. Physical Review B, 2010, 81, .	1.1	18

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