

# Vladimir Ustinov

## List of Publications by Year in descending order

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329  
times ranked

1392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transverse and Lateral Structure of the Spin-Flop Phase in Fe/Cr Antiferromagnetic Superlattices. Physical Review Letters, 2002, 89, 167203.	2.9	77
2	Magnetoresistance and magnetization of Fe/Cr(001) superlattices with noncollinear magnetic ordering. Physical Review B, 1996, 54, 15958-15966.	1.1	46
3	Electronic transport in ferromagnetic $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ single-crystal manganites. Physical Review B, 2004, 69, .	1.1	41
4	Correlation between microwave transmission and giant magnetoresistance in Fe/Cr superlattices. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1205-1206.	1.0	39
5	Magnetic properties of $\text{La}_{0.7}\text{Pr}_x\text{Ca}_{0.3}\text{MnO}_3$ single crystals: When is Banerjee criterion applicable?. Journal of Magnetism and Magnetic Materials, 2014, 354, 76-80.	1.0	35
6	Boundary conditions for the kinetic equations and the equations of motion of the magnetization of conduction electrons in a metal with surface paramagnetic impurities. Theoretical and Mathematical Physics (Russian Federation), 1980, 44, 814-822.	0.3	33
7	$\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$	1.1	32
8	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
9	Chemical potential of quasi-equilibrium magnon gas driven by pure spin current. Nature Communications, 2017, 8, 1579.	5.8	31
10	Hysteresis of microwave absorption of hard superconductors in magnetic field. Solid State Communications, 1989, 69, 611-614.	0.9	30
11	High frequency properties of magnetic multilayers. Journal of Magnetism and Magnetic Materials, 2003, 254-255, 603-607.	1.0	30
12	Colossal magnetoresistance manganites. Physics-Usppekhi, 2018, 61, 719-738.	0.8	30
13	Magnetic neutron off-specular scattering for the direct determination of the coupling angle in exchange-coupled multilayers. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1694-1696.	1.0	28
14	Magnetic off-specular neutron scattering from Fe/Cr multilayers. Physica B: Condensed Matter, 2000, 283, 194-198.	1.3	26
15	Magnetic phase transition and electronic transport in single-crystalline $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . Physical Review B, 2008, 78, .	1.1	26
16	Conduction and disorder in $\text{d}$ -based materials. Journal of Physics Condensed Matter, 1998, 10, 6301-6309.	0.7	25
17	Radiofrequency magnetoresistance of Fe/Cr superlattices. Journal of Experimental and Theoretical Physics, 2000, 90, 834-841.	0.2	25
18	Kondo-like effect in the resistivity of superparamagnetic cluster-layered Fe/Cr nanostructures. Journal of Magnetism and Magnetic Materials, 2006, 300, 148-152.	1.0	25

#	ARTICLE	IF	CITATIONS
19	Microwave magnetoresistance of Fe/Cr multilayers in current-perpendicular-to-plane geometry. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 82-84.	1.0	23
20	Longitudinal sound velocity and internal friction in ferromagnetic $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ single-crystal manganites. Physical Review B, 2002, 66, .	1.1	23
21	Magnetocaloric effect in inhomogeneous ferromagnets. Journal of Applied Physics, 2013, 113, .	1.1	23
22	Semiconductor-metal transition and magnetoresistance in (La, Ca)MnO <sub>3</sub> : Experiments and simple model. Physica B: Condensed Matter, 1996, 225, 214-224.	1.3	22
23	Magnetic and superconducting phase diagram of Nb/Gd/Nb trilayers. Physical Review B, 2018, 97, .	1.1	21
24	Penetration of the electromagnetic waves through doped lanthanum manganites. Journal of Applied Physics, 2002, 91, 3693-3697.	1.1	20
25	Colossal magnetoresistance of the inhomogeneous ferromagnetic semiconductor HgCr <sub>2</sub> Se <sub>4</sub> . Physics of the Solid State, 2008, 50, 901.	0.2	20
26	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
27	A unified semiclassical theory of parallel and perpendicular giant magnetoresistance in metallic superlattices. Journal of Physics Condensed Matter, 1995, 7, 3471-3484.	0.7	19
28	Spin injection maser. JETP Letters, 2007, 86, 193-196.	0.4	19
29	Giant Magnetoresistance of Metallic Exchange-Coupled Multilayers and Spin Valves. Physics of Metals and Metallography, 2017, 118, 1300-1359.	0.3	19
30	Parameters of Fe/Cr interfacial electron scattering from infrared magnetoreflexion. Physical Review B, 2010, 81, .	1.1	18
31	Effect of inhomogeneity on magnetic, magnetocaloric, and magnetotransport properties of $\text{La}_{0.6}\text{Pr}_{0.1}\text{Ca}_{0.3}\text{MnO}_3$ single crystal. Journal of Magnetism and Magnetic Materials, 2012, 324, 1112-1116.	1.0	18
32	High-sensitive hysteresisless spin valve with a composite free layer. Physics of Metals and Metallography, 2012, 113, 341-348.	0.3	18
33	Giant antiresonance in electromagnetic wave reflection from a 3D structure with ferrite spinel nanoparticles. Technical Physics, 2013, 58, 568-577.	0.2	18
34	Electric measurement and magnetic control of spin transport in InSb-based lateral spin devices. Physical Review B, 2017, 96, .	1.1	18
35	Inhomogeneous ferromagnetic resonance modes in $[\text{Fe}/\text{Cr}]_n$ superlattices with a high biquadratic exchange constant. Journal of Experimental and Theoretical Physics, 1999, 89, 986-994.	0.2	17
36	Kinetic effects in an $\text{La}_{0.8}\text{Ba}_{0.2}\text{MnO}_3$ single crystal. Journal of Experimental and Theoretical Physics, 2000, 90, 1027-1034.	0.2	17

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37	Interlayer coupling in Fe/Cr/Gd multilayer structures. Journal of Experimental and Theoretical Physics, 2015, 120, 1041-1054.	0.2	17
38	Spin-glass state of Fe/Cr multilayer structures with ultrathin iron layers. JETP Letters, 2008, 88, 118-122.	0.4	16
39	Giant magnetoresistance of CoFe/Cu superlattices with the (Ni <sub>80</sub> Fe <sub>20</sub> ) <sub>60</sub> Cr <sub>40</sub> buffer layer. Physics of Metals and Metallography, 2015, 116, 987-992.	0.3	16
40	Elastic properties of La <sub>1-x</sub> Ba <sub>x</sub> MnO <sub>3</sub> single crystals. Journal of Alloys and Compounds, 2005, 394, 39-42.	2.8	15
41	Nuclear resonance reflectivity from a [ <sup>57</sup> Fe/Cr] <sub>30</sub> multilayer with the Synchrotron Mössbauer Source. Journal of Synchrotron Radiation, 2018, 25, 473-483.	1.0	15
42	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
43	Magnetic proximity effect in Nb/Gd superlattices seen by neutron reflectometry. Physical Review B, 2019, 99, .	1.1	15
44	Domains and interface roughness in Fe/Cr multilayers: influence on the GMR effect. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 338-341.	1.0	14
45	Magnetic inhomogeneity of lanthanum manganites single crystals. Journal of Magnetism and Magnetic Materials, 2010, 322, 963-966.	1.0	14
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	The effect of annealing on the magnetoresistance of polycrystalline (La - Y - Ca) perovskites. Journal of Physics Condensed Matter, 1996, 8, 8513-8524.	0.7	13
48	Influence of annealing conditions on the magnetoresistance of (La <sub>1-x</sub> Y <sub>x</sub> Ca) manganites. Solid State Communications, 1997, 101, 361-366.	0.9	13
49	Electrical magnetochiral effect and kinetic magnetoelectric effect induced by chiral exchange field in helical magnetics. Physical Review B, 2020, 102, .	1.1	13
50	Magnetic resonance frequencies in multilayers with biquadratic exchange and non-collinear magnetic ordering. Journal of Magnetism and Magnetic Materials, 1997, 165, 468-470.	1.0	12
51	Ferromagnetic resonance in multilayer [Fe/Cr] <sub>n</sub> structures with noncollinear magnetic ordering. JETP Letters, 1998, 67, 727-732.	0.4	12
52	Elastic and kinetic properties of single-crystal La <sub>0.75</sub> Ba <sub>0.25</sub> MnO <sub>3</sub> . Physics of the Solid State, 2003, 45, 1754-1758.	0.2	12
53	Electric dipole mechanism of the generation of electromagnetic radiation due to the spin transport in an InSb semiconductor. JETP Letters, 2006, 84, 79-83.	0.4	12
54	INTERLAYER COUPLING AND MAGNETIC ANISOTROPY AS KEY FACTORS FOR CREATION OF HYSTERESIS-LESS SPIN VALVES. Spin, 2014, 04, 1440001.	0.6	12

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55	An hysteretic magnetization reversal of spin valves with a strong and weak interlayer coupling. <i>Physics of Metals and Metallography</i> , 2014, 115, 350-357.	0.3	12
56	Spin effects induced by thermal perturbation in a normal metal/magnetic insulator system. <i>Physical Review B</i> , 2015, 91, .	1.1	12
57	High-Sensitive Sensing Elements Based on Spin Valves with Antiferromagnetic Interlayer Coupling. <i>Physics of Metals and Metallography</i> , 2019, 120, 653-659.	0.3	12
58	Charge carriers in $\text{La}_{0.67}\text{YxBa}_{0.33}\text{MnO}_3$ . <i>Solid State Communications</i> , 1998, 106, 357-361.	0.9	11
59	A magnetic pair-breaking effect in rare earth-doped manganites. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 250, 435-438.	0.9	11
60	Onset of spin-density-wave antiferromagnetism in $\text{Cr}\tilde{\nu}$ multilayers. <i>Physical Review B</i> , 2007, 76, .	1.1	11
61	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. <i>Physics of Metals and Metallography</i> , 2013, 114, 1087-1122.	0.3	11
62	Effect of phonon focusing on Knudsen flow of phonon gas in single-crystal nanowires made of spintronics materials. <i>Physics of Metals and Metallography</i> , 2017, 118, 10-20.	0.3	11
63	High GMR Effect and Perfect Microstructure in CoFe/Cu Multilayers. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-4.	1.2	11
64	Effects of disordering on local moments in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ and $\text{YBa}_2(\text{Cu}_{1-x}\text{Fe}_x)\text{O}_{7-x}$ . <i>Physica C: Superconductivity and Its Applications</i> , 1990, 171, 276-286.	0.6	10
65	Detection of the flux-line lattice in high-Tc superconductors by ESR-probe decoration. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 174, 447-454.	0.6	10
66	In-plane magnetisation anisotropy of FeCr superlattices with biquadratic exchange coupling. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 1811-1813.	1.0	10
67	Magneto refractive effect and giant magnetoresistance in $\text{Fe}(\text{t x})/\text{Cr}$ superlattices. <i>Physics of the Solid State</i> , 2009, 51, 2480-2485.	0.2	10
68	C60 layer growth on the Co/Si(111)  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."/> <i>Physica C: Superconductivity and Its Applications</i> , 1990, 171, 276-286.	3.1	10
69	Magneto resistive Properties of CoFe/Cu/CoFe/Dy Pseudo Spin Valves under Conditions of Interdiffusion of Dysprosium and CoFe Ferromagnetic Alloy Layers. <i>Physics of Metals and Metallography</i> , 2019, 120, 429-435.	0.3	10
70	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. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2017, 14, .	0.8	10
71	Ordering in magnetic multilayers by off-specular neutron scattering. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 258-259, 382-387.	1.0	9
72	Residual electrical resistivity in dilute nonmagnetic alloys of transition metals. <i>Physical Review B</i> , 2005, 71, .	1.1	9

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73	Heterometallic complexes combining $[Mn^{III}(salpn)]^{+}$ and $[Fe(CN)_6]^{4-}$ units as the products of reactions between $[Mn^{III}(salpn)(H_2O)C(CN)_3]$ and $[Fe(CN)_6]^{3-/4-}$ . <i>New Journal of Chemistry</i> , 2014, 38, 4167-4176.	1.4	9
74	Hysteresis-free spin valves with a noncollinear configuration of magnetic anisotropy. <i>Physics of the Solid State</i> , 2014, 56, 1125-1130.	0.2	9
75	Effect of annealing on magnetoresistance and microstructure of multilayered CoFe/Cu systems with different buffer layer. <i>Physics of Metals and Metallography</i> , 2015, 116, 156-161.	0.3	9
76	Microstructure of periodic metallic magnetic multilayer systems. <i>Thin Solid Films</i> , 2017, 632, 79-87.	0.8	9
77	Magnetization reversal and inverted magnetoresistance of exchange-biased spin valves with a gadolinium layer. <i>Journal of Applied Physics</i> , 2017, 121, 123902.	1.1	9
78	Coherent Fan Magnetic Structure in Dy/Gd Superlattices. <i>JETP Letters</i> , 2018, 108, 341-345.	0.4	9
79	Exchange-Coupled Superlattices with Record Magnetoresistance. <i>Physics of Metals and Metallography</i> , 2018, 119, 1162-1166.	0.3	9
80	Microwave Giant Magnetoresistance in $[CoFe/Cu]_n$ Superlattices with Record-High Magnetoresistance. <i>Technical Physics Letters</i> , 2019, 45, 225-227.	0.2	9
81	ESR-probe decoration in $YBa_2Cu_3O_{7-\delta}$ single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 197, 27-34.	0.6	8
82	Magnetization processes in multiaxial antiferromagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 146, 305-314.	1.0	8
83	Morphology of crystallites and magnetic structure of non-collinear Fe/Cr multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 203, 181-183.	1.0	8
84	Multiple spin-flip transitions and stairs-like GMR in Fe/Cr superlattices with uniaxial in-plane anisotropy. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 300, e281-e283.	1.0	8
85	Effect of yttrium doping on magnetic and elastic properties of $La_{0.8}Sr_{0.2}MnO_3$ single crystal. <i>Journal of Alloys and Compounds</i> , 2009, 467, 22-26.	2.8	8
86	Magnetic peculiarities of plutonium and compounds. <i>Physics of Metals and Metallography</i> , 2013, 114, 1155-1181.	0.3	8
87	Interface Structure and Magnetoresistance Studies of $[Co/C]_n$ Superlattices by Means of NMR and TEM. <i>Solid State Phenomena</i> , 2014, 215, 358-363.	0.3	8
88	A new interpretation of X-ray reflectivity in real space for low contrast multilayer systems I. Mathematical algorithm and numerical simulations. <i>Superlattices and Microstructures</i> , 2014, 74, 100-113.	1.4	8
89	Spin-flop states in a synthetic antiferromagnet and variations of unidirectional anisotropy in FeMn-based spin valves. <i>Physics of Metals and Metallography</i> , 2016, 117, 1179-1184.	0.3	8
90	NiFeCo/Cu superlattices with high magnetoresistive sensitivity and weak hysteresis. <i>Physics of the Solid State</i> , 2016, 58, 2011-2017.	0.2	8

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91	Local atomic structure of solid solutions with overlapping shells by EXAFS: The regularization method. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2016, 211, 1-11.	0.8	8
92	Determination of neutron scattering potential of the thin multilayered film with gadolinium reference layer. <i>Superlattices and Microstructures</i> , 2017, 109, 201-208.	1.4	8
93	Double-spiral magnetic structure of the Fe/Cr multilayer revealed by nuclear resonance reflectivity. <i>Physical Review B</i> , 2018, 97, .	1.1	8
94	Effect of Cr Spacer on Structural and Magnetic Properties of Fe/Gd Multilayers. <i>Journal of Experimental and Theoretical Physics</i> , 2018, 127, 742-752.	0.2	8
95	Experimental determination of gadolinium scattering characteristics in neutron reflectometry with reference layer. <i>Physica B: Condensed Matter</i> , 2019, 552, 58-61.	1.3	8
96	Noncollinear Magnetic Order in a Dysprosium Layer and Magnetotransport Properties of a Spin Valve Containing the CoFe/Dy/CoFe Structure. <i>Physics of Metals and Metallography</i> , 2020, 121, 624-630.	0.3	8
97	Electron Spin Current and Spin-Dependent Galvanomagnetic Phenomena in Metals. <i>Physics of Metals and Metallography</i> , 2020, 121, 223-234.	0.3	8
98	The Hall effect in La <sub>0.67</sub> Ba <sub>0.33</sub> MnO <sub>3</sub> . <i>Journal of Experimental and Theoretical Physics</i> , 1998, 86, 534-537.	0.2	7
99	The observation of non-homogeneous FMR modes in multilayer Fe/Cr structures. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 198-199, 455-457.	1.0	7
100	Interface formation and magnetic ordering in Fe/Cr hybrid nanostructures. <i>Physica B: Condensed Matter</i> , 2001, 297, 118-121.	1.3	7
101	Anomalous concentration dependence of residual electrical resistivity in Fe-Cr alloys. <i>Physical Review B</i> , 2005, 72, .	1.1	7
102	Kinetic properties of an La <sub>0.85</sub> Ba <sub>0.15</sub> MnO <sub>3</sub> single crystal. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 5433-5440.	0.7	7
103	Multi-stepwise GMR and layers magnetic reversal in uniaxial Fe/Cr superlattices. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 1249-1256.	0.8	7
104	TKE spectra of antiferromagnetic Cr(100) film and Fe <sub>tx</sub> /Cr(100) superlattices with ultrathin Fe layers. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 300, e359-e362.	1.0	7
105	Electromagnetic wave reflection from Fe/Cr nanostructures. <i>Technical Physics Letters</i> , 2007, 33, 771-774.	0.2	7
106	Determination of the concentration profile of interfaces in multilayered nanostructures according to the angular dependence of X-ray photoelectron spectra: A new approach. <i>Journal of Structural Chemistry</i> , 2008, 49, 165-173.	0.3	7
107	Magnetotransmission and magnetoreflexion in multilayer FeCr nanostructures. <i>Journal of Experimental and Theoretical Physics</i> , 2009, 108, 260-266.	0.2	7
108	Degree of perfection of the $\text{Fe}_{1-x}\text{Cr}_x$ texture and the hysteresis of magnetoresistance in MnIr-based top spin valves. <i>Physics of Metals and Metallography</i> , 2013, 114, 383-389.	0.3	7



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109	Nature of the ferromagnetic ground state in the Mn <sub>4</sub> molecular magnet. Physical Review B, 2014, 89, .	1.1	7
110	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
111	Phonon focusing and temperature dependences of thermal conductivity of silicon nanofilms. Journal of Experimental and Theoretical Physics, 2015, 120, 638-650.	0.2	7
112	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
113	The phase problem for X-ray specular reflectivity from thin films: A new approach. Superlattices and Microstructures, 2015, 82, 612-622.	1.4	7
114	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
115	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
116	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
117	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
118	Magnetoresistance of CoFeNi/Cu Superlattices Differing in the Ferromagnetic Alloy Composition. Physics of Metals and Metallography, 2019, 120, 831-837.	0.3	7
119	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
120	Microwave Absorption in Lanthanum Manganites. Physica Status Solidi A, 2000, 179, 221-236.	1.7	6
121	Investigations of Fe/Cr multilayer structures with ultrathin iron layers. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 157-160.	1.0	6
122	Structural and physicochemical characteristics of chelate nickel(II) compounds based on 1,2,3-triketone (hydrazone)imines. Russian Chemical Bulletin, 2007, 56, 108-114.	0.4	6
123	Giant magnetoresistive effect and magnetic resonance in the reflection of electromagnetic waves from Fe-Cr nanostructures. Technical Physics, 2009, 54, 1156-1161.	0.2	6
124	Elastic and magnetic properties of the La <sub>0.6</sub> Pr <sub>0.1</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> single crystal. Physics of the Solid State, 2011, 53, 1328-1332.	0.2	6
125	Thermal stability of spin valves based on a synthetic antiferromagnet and Fe <sub>50</sub> Mn <sub>50</sub> alloy. Physics of Metals and Metallography, 2015, 116, 1073-1079.	0.3	6
126	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



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127	Magnetoresistive sensitivity and uniaxial anisotropy of spin-valve microstrips with a synthetic antiferromagnet. <i>Physics of Metals and Metallography</i> , 2017, 118, 415-420.	0.3	6
128	Field-temperature evolution of the magnetic state of $[\text{Fe}(1.2 \text{ \AA})/\text{Cr}(10.5 \text{ \AA})]_{30}$ structure by Mössbauer reflectometry with synchrotron radiation. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 440, 225-229.	1.0	6
129	Magnetization and ferromagnetic resonance in a Fe/Gd multilayer: experiment and modelling. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 115802.	0.7	6
130	Specific Features of the Magnetic Anisotropy of Thin Yttrium Iron Garnet Films Prepared by Pulsed Laser Deposition. <i>Physics of Metals and Metallography</i> , 2018, 119, 1062-1067.	0.3	6
131	On the theory of the spontaneous Hall effect in ferromagnetic films. <i>Solid State Communications</i> , 1982, 43, 743-745.	0.9	5
132	Correlation between giant magnetoresistance and magnetization in metallic superlattices: a comparison of perpendicular and in-plane geometries. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 148, 307-308.	1.0	5
133	Magneto-optical study of the non-collinear magnetic structure of Fe/Cr superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 156, 179-180.	1.0	5
134	High frequency impedance of magnetic superlattices showing giant magnetoresistance. <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 165, 125-127.	1.0	5
135	Transport effects in $\text{La}_{0.67}\text{R}_x\text{Sr}_{0.33}\text{MnO}_3$ (R=Eu, Gd). <i>Physics of the Solid State</i> , 2001, 43, 501-507.	0.2	5
136	The sound velocity, internal friction, and thermal expansion in a single crystal of $\text{La}_{0.85}\text{Sr}_{0.15}\text{MnO}_3$ . <i>Journal of Experimental and Theoretical Physics</i> , 2001, 93, 121-125.	0.2	5
137	Giant thermal hysteresis of sound velocity and internal friction in a $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$ single crystal. <i>JETP Letters</i> , 2001, 74, 115-117.	0.4	5
138	Effect of interface structure on magnetic and magnetoresistive properties of Fe/Cr multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 240, 511-513.	1.0	5
139	Method of the reflections function in the X-ray reflectometry study of multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 240, 494-496.	1.0	5
140	Absence of Polaron Conductivity in $\text{La}_{0.8}\text{Ba}_{0.2}\text{MnO}_3$ . <i>Physica Status Solidi A</i> , 2002, 189, 673-676.	1.7	5
141	Theory of the residual resistivity of dilute alloys of nonmagnetic 3d-5d transition metals. <i>Low Temperature Physics</i> , 2006, 32, 863-867.	0.2	5
142	Rectangular Waveguide With Metallic Nanostructure Driven by Magnetic Field. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007, 28, 567-578.	0.6	5
143	Influence of $\pi$ stacking on the magnetic properties of the copper(II) complex with 6-phenyl-3-(2-pyridyl)-5-trifluoroacetylmethylidene-4,5-dihydro-1,2,4-triazine. <i>Russian Chemical Bulletin</i> , 2008, 57, 561-566.	0.4	5
144	Transport effects in single-crystal $\text{La}_{0.82}\text{Ca}_{0.18}\text{MnO}_3$ . <i>Physics of the Solid State</i> , 2008, 50, 691-695.	0.2	5

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145	Elastic properties of lanthanum manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 682-685.	1.0	5
146	High resolution in EXAFS data analysis of multilayer nanostructures. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 175, 27-30.	0.8	5
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