

# Andrey V Svalov

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetic and Microwave Properties of FeNi Thin Films of Different Thicknesses Deposited Onto Cyclo Olefin Copolymer Flexible Substrates. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	3
2	Advanced Characterization of FeNi-Based Films for the Development of Magnetic Field Sensors with Tailored Functional Parameters. Sensors, 2022, 22, 3324.	2.1	10
3	Modified field dependence of the magnetocaloric effect in Gd powder obtained by ball milling. Materials Letters, 2021, 284, 128921.	1.3	6
4	Changes in the Magnetic Structure upon Varying the Magnetic Layer Thickness in [TbCo/Si] <sub>n</sub> Films. Physics of Metals and Metallography, 2021, 122, 115-120.	0.3	2
5	Exchange bias in FeNi/FeMn/GdCo trilayers: The role of the magnetic prehistory. Current Applied Physics, 2021, 23, 68-75.	1.1	3
6	Influence of the Parameters of Permalloy-Based Multilayer Film Structures on the Sensitivity of Magnetic Impedance Effect. Physics of Metals and Metallography, 2021, 122, 223-229.	0.3	8
7	Magnetoimpedance Thin Film Sensor for Detecting of Stray Fields of Magnetic Particles in Blood Vessel. Sensors, 2021, 21, 3621.	2.1	19
8	Magnetoimpedance of CoFeCrSiB Ribbon-Based Sensitive Element with FeNi Covering: Experiment and Modeling. Sensors, 2021, 21, 6728.	2.1	15
9	Exchange bias features in FeNi/FeMn/Gd-Co films. Journal of Magnetism and Magnetic Materials, 2020, 507, 166839.	1.0	6
10	Angular Dependence of the Ferromagnetic Resonance Parameters of [Ti/FeNi] <sub>6</sub> /Ti/Cu/Ti/[FeNi/Ti] <sub>6</sub> Nanostructured Multilayered Elements in the Wide Frequency Range. Nanomaterials, 2020, 10, 433.	1.9	3
11	Measurement of the Parameters of Ferromagnetic Microwires in a Frequency Range from 0.1 to 20 GHz. Inorganic Materials: Applied Research, 2020, 11, 181-187.	0.1	2
12	Features of the sperimagnetic structure of TbCo-based multilayers. AIP Conference Proceedings, 2020, , .	0.3	2
13	Role of mechanical treatments in the formation of magnetocaloric properties of Gd melt spun ribbons. AIP Conference Proceedings, 2020, , .	0.3	0
14	Rapidly quenched non-strained nanocrystalline Gd ribbons: Structural features and magnetic properties. Journal of Magnetism and Magnetic Materials, 2019, 490, 165529.	1.0	2
15	Thermosensitive Spin Valve Based on an Artificial Ferrimagnet: Magnetization Process in a Wide Range of Fields. Physics of the Solid State, 2019, 61, 1609-1613.	0.2	1
16	Influence of the Thickness of Gadolinium Layers on the Magnetic Properties and Magnetization Reversal Processes in Low-Dimensional Co/Gd/Co Systems. Physics of the Solid State, 2019, 61, 326-331.	0.2	2
17	Spontaneous Spin Reorientation in GdCo Amorphous Films. Physics of Metals and Metallography, 2019, 120, 1055-1062.	0.3	6
18	Magnetic Materials for Thin Film Based Magnetoimpedance Biosensing. Physics of Metals and Metallography, 2019, 120, 1243-1251.	0.3	5

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19	Thickness Dependence of Magnetic Properties of Tb-Co/Ti and Tb-Co/Si Multilayers. Physics of Metals and Metallography, 2019, 120, 1260-1265.	0.3	3
20	The influence of the interlayer on the magnetic and structural properties of three-layer systems. Journal of Physics: Conference Series, 2019, 1389, 012021.	0.3	0
21	Magnetocaloric effect in TbCo-based multilayers. Journal of Physics: Conference Series, 2019, 1389, 012101.	0.3	1
22	Magnetic and magnetocaloric properties of Gd melt-spun ribbons. Journal of Physics: Conference Series, 2019, 1389, 012100.	0.3	4
23	Crystal structure and exchange bias of Ni-Mn-based films. Journal of Alloys and Compounds, 2019, 777, 264-270.	2.8	7
24	Thickness dependence of magnetic properties of thin amorphous ferrimagnetic rare earth-transition metal multilayers. Journal of Magnetism and Magnetic Materials, 2018, 459, 57-60.	1.0	8
25	Ferromagnetic phase in partially oxidized FeMn films. Journal of Magnetism and Magnetic Materials, 2018, 451, 546-548.	1.0	2
26	Multi-Step Magnetization Process of Gd-Co/Co/Cu/Co Thermo-Sensitive Spin Valves. Electronics (Switzerland), 2018, 7, 351.	1.8	4
27	Structural and magnetic characteristics of the Co/Cu/Co thin-film systems. EPJ Web of Conferences, 2018, 185, 03009.	0.1	0
28	Structural and Magnetic Properties of Ni <sub>0.8</sub> Fe <sub>0.2</sub> /Ti Nanoscale Multilayers. Nanomaterials, 2018, 8, 780.	1.9	7
29	Modelling of magnetoimpedance response of thin film sensitive element in the presence of ferrogel: Next step toward development of biosensor for in-tissue embedded magnetic nanoparticles detection. Biosensors and Bioelectronics, 2018, 117, 366-372.	5.3	58
30	Magnetic Dichroism in the Reflectivity of Linearly Polarized Synchrotron Radiation from a Ti(10) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 802-810.	0.2	2
31	Mechanical, Electrical and Magnetic Properties of Ferrogels with Embedded Iron Oxide Nanoparticles Obtained by Laser Target Evaporation: Focus on Multifunctional Biosensor Applications. Sensors, 2018, 18, 872.	2.1	40
32	Structure and magnetic properties of Tb-Co/Ti and Tb-Co/Al <sub>2</sub> O <sub>3</sub> multilayers. Journal of Magnetism and Magnetic Materials, 2018, 465, 147-150.	1.0	1
33	Thin-Film Magnetoimpedance Structures Onto Flexible Substrates as Deformation Sensors. IEEE Transactions on Magnetics, 2017, 53, 1-5.	1.2	16
34	Exchange interaction in Co/Bi/Co thin-film systems with Bi interlayer. Journal of Magnetism and Magnetic Materials, 2017, 440, 136-139.	1.0	9
35	Tailoring of switching field in GdCo-based spin valves by inserting Co layer. Journal of Magnetism and Magnetic Materials, 2017, 441, 795-798.	1.0	6
36	Investigation of the Special Features of Low-Temperature Carbon Coating Deposition on the Permalloy Film Surface Under Normal Conditions During Interaction with Aromatic Solvents. Russian Physics Journal, 2017, 60, 157-162.	0.2	0

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37	Nanostructured materials for magnetic biosensing. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1494-1506.	1.1	41
38	Magnetoimpedance effect in multilayered permalloy structure with different magnetostriction: Small-pressure sensor. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	6
39	Magnetoimpedance biosensor prototype for ferrogel detection. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 441, 650-655.	1.0	17
40	Nanostructuring as a procedure to control the field dependence of the magnetocaloric effect. <i>Materials and Design</i> , 2017, 114, 214-219.	3.3	22
41	Influence of the Size and Structural Factors on the Magnetism of Multilayer Films Based on 3d and 4f Metals. <i>Physics of Metals and Metallography</i> , 2017, 118, 1263-1299.	0.3	22
42	Applying a stochastic pore-network modelling to obtain refined dependence between porosity and absolute permeability by example of Neocomian deposits of the West Siberian fields. <i>Neftyanoe Khozyaystvo - Oil Industry</i> , 2017, , 96-98.	0.1	1
43	Magnetic properties of NixFe100-x layers in exchange-coupled FeMn/NixFe100-x film structures. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1
44	Magnetoimpedance effect in the FeNi/Ti-based multilayered structure: A pressure sensor prototype. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	8
45	Spin valves based on amorphous ferrimagnetic Gd <sup>2+</sup> Co films. <i>Physics of Metals and Metallography</i> , 2016, 117, 876-882.	0.3	4
46	Exchange Coupling in NixMn100-x/Fe20Ni80 Films. <i>Physics Procedia</i> , 2016, 82, 63-68.	1.2	0
47	Exchange Bias in FeMn/M (M = FeNi, Gd, Tb) Films. <i>Physics Procedia</i> , 2016, 82, 56-62.	1.2	3
48	Flexible thin film magnetoimpedance sensors. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 415, 91-96.	1.0	41
49	High-yield fabrication of 60 nm Permalloy nanodiscs in well-defined magnetic vortex state for biomedical applications. <i>Nanotechnology</i> , 2016, 27, 175302.	1.3	34
50	Influence of Bi on the magnetic and magneto-optical properties of Co/Bi/Co and Bi/Co thin-film systems. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 07MF01.	0.8	2
51	Thermo-sensitive spin valve based on layered artificial ferrimagnet. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	22
52	Magnetic nanoscopic correlations in the crossover between a superspin glass and a superferromagnet. <i>Journal of Applied Physics</i> , 2016, 119, .	1.1	10
53	Thickness-dependent Curie temperature in ferrimagnetic Gd <sup>2+</sup> Co/Ti multilayers. <i>Superlattices and Microstructures</i> , 2016, 90, 242-246.	1.4	9
54	Magnetoimpedance of FeNi-based asymmetric sensitive elements. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 415, 87-90.	1.0	11

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55	Exchange bias in sputtered FeNi/FeMn systems: Effect of short low-temperature heat treatments. Journal of Magnetism and Magnetic Materials, 2016, 402, 49-54.	1.0	14
56	Thin-film magneto-impedance structures with very large sensitivity. Journal of Magnetism and Magnetic Materials, 2016, 400, 321-326.	1.0	56
57	The Influence of Si on Magnetic and Magneto-Optical Properties of Co/Si/Co Thin-Film Systems. Solid State Phenomena, 2015, 233-234, 653-656.	0.3	7
58	Effect of temperature on magnetization reversal characteristics of ferromagnetic 3d metal layers within exchange-coupled FeMn-based structures. Physics of Metals and Metallography, 2015, 116, 1175-1181.	0.3	2
59	Study of the effect of the deposition rate and seed layers on structure and magnetic properties of magnetron sputtered FeNi films. Vacuum, 2015, 119, 245-249.	1.6	18
60	Anomalies in hysteresis properties of Fe <sub>20</sub> Ni <sub>80</sub> /Tb-Co films with unidirectional anisotropy. Thin Solid Films, 2015, 577, 1-5.	0.8	7
61	High-Frequency Magnetoimpedance Response of Thin-Film Microstructures Using Coplanar Waveguides. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	14
62	Specific features of the formation of atomic magnetic moments in amorphous films RE-Co (RE = La, Gd). Tj ETQq0 0,0 rgBT /Overlock 10	0.2	13
63	Giant magnetoimpedance biosensor for ferrogel detection: Model system to evaluate properties of natural tissue. Applied Physics Letters, 2015, 106, .	1.5	71
64	Tuning the structure and magnetic softness of thin permalloy films by variations in the thickness of titanium seed layer. Materials Letters, 2015, 152, 159-162.	1.3	10
65	Fe <sub>20</sub> Ni <sub>80</sub> /Fe <sub>50</sub> Mn <sub>50</sub> film magnetoresistive medium. Technical Physics, 2015, 60, 116-122.	0.2	16
66	Exchange bias in FeNi/FeMn/FeNi multilayers. Superlattices and Microstructures, 2015, 83, 216-223.	1.4	10
67	Equivalent Magnetic Noise of Micro-Patterned Multilayer Thin Films Based GMI Microsensor. IEEE Sensors Journal, 2015, 15, 6707-6714.	2.4	19
68	350% Magneto-impedance ratio in thin-film structures. , 2015, , .		0
69	Effect of phase separation in an Fe <sub>20</sub> Ni <sub>80</sub> /Fe <sub>50</sub> Mn <sub>50</sub> structure with exchange coupling. Physics of Metals and Metallography, 2014, 115, 856-863.	0.3	10
70	Influence of Temperature on Magnetic Properties of Tb <sub>26</sub> /Co <sub>74</sub> /Co/Fe <sub>20</sub> /Ni <sub>80</sub> Films with Exchange Bias. Acta Physica Polonica A, 2014, 126, 1312-1314.	0.2	1
71	Sensor Applications of Soft Magnetic Materials Based on Magneto-Impedance, Magneto-Elastic Resonance and Magneto-Electricity. Sensors, 2014, 14, 7602-7624.	2.1	49
72	Equivalent magnetic noise of thin film based giant magneto-impedance microsensors. , 2014, , .		0

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73	Magnetic Properties and Magnetic Entropy Change in Gd/Ti Multilayers. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	3
74	Magnetization processes and magnetic domain structure in weakly coupled GdCo/Si/Co trilayers. Journal of Alloys and Compounds, 2014, 615, S366-S370.	2.8	9
75	Tailoring the Exchange Bias in FeNi/FeMn Bilayers by Heat Treatment and FeMn Surface Oxidation. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	5
76	Effect of Ti seed and spacer layers on structure and magnetic properties of FeNi thin films and FeNi-based multilayers. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 188, 102-105.	1.7	13
77	Hysteretic properties of nanostructured terbium films. Technical Physics, 2014, 59, 530-534.	0.2	1
78	Martensitic transformation in Ni $\epsilon$ -Mn $\epsilon$ -Ga/Si(100) thin films. Thin Solid Films, 2014, 558, 449-454.	0.8	22
79	Features of the magnetic properties of Co/Si/Co thin-film systems. Technical Physics Letters, 2013, 39, 1089-1092.	0.2	1
80	GMI in Nanostructured FeNi/Ti Multilayers With Different Thicknesses of the Magnetic Layers. IEEE Transactions on Magnetics, 2013, 49, 18-21.	1.2	24
81	Tailoring the magnetic anisotropy of thin film permalloy microstrips by combined shape and induced anisotropies. European Physical Journal B, 2013, 86, 1.	0.6	41
82	Exchange biased FeNi/FeMn bilayers with coercivity and switching field enhanced by FeMn surface oxidation. AIP Advances, 2013, 3, .	0.6	16
83	Structure and magnetic properties of FeNi/Ti sputtered multilayers. EPJ Web of Conferences, 2013, 40, 17002.	0.1	3
84	Structure evolution and magnetic properties of annealed nanoscale Gd/Ti multilayers. EPJ Web of Conferences, 2013, 40, 08005.	0.1	2
85	FeNi-based magnetoimpedance multilayers: Tailoring of the softness by magnetic spacers. Applied Physics Letters, 2012, 100, .	1.5	47
86	Magneto-resistive Properties of Gd/Ti Multilayers. Solid State Phenomena, 2012, 190, 137-140.	0.3	1
87	Influence of Temperature on Structure and Magnetic Properties of Exchange Coupled TbCo/FeNi Bilayers. Journal of Nanoscience and Nanotechnology, 2012, 12, 7566-7570.	0.9	7
88	Transformation volume strain in Ni-Mn-Ga thin films. Applied Physics Letters, 2012, 101, .	1.5	12
89	Effects of thermal annealing on the magnetic interactions in nanogranular Fe $\epsilon$ -Ag thin films. Journal of Alloys and Compounds, 2012, 536, S271-S276.	2.8	3
90	High Performance Magnetoimpedance in FeNi/Ti Nanostructured Multilayers with Opened Magnetic Flux. Journal of Nanoscience and Nanotechnology, 2012, 12, 7496-7500.	0.9	24

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91	Effect of annealing on the magnetic anisotropy and hysteretic properties of film structures containing Tb-Co amorphous layers. <i>Physics of Metals and Metallography</i> , 2012, 113, 862-866.	0.3	9
92	Nanostructured giant magneto-impedance multilayers deposited onto flexible substrates for low pressure sensing. <i>Nanoscale Research Letters</i> , 2012, 7, 230.	3.1	34
93	Nanostructured Magnetoimpedance Multilayers. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 1375-1380.	1.2	29
94	Structural Peculiarities and Magnetic Properties of FeNi Films and FeNi/Ti-Based Magnetic Nanostructures. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 1605-1608.	1.2	15
95	Comparison of Micro-Fabrication Routes for Magneto-Impedance Elements: Lift-Off and Wet-Etching. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 1601-1604.	1.2	9
96	Fabrication conditions and transformation behavior of epitaxial Ni <sup>1-x</sup> Mn <sup>x</sup> Ga thin films. <i>Journal of Materials Science</i> , 2012, 47, 3658-3662.	1.7	11
97	Study of GdCo/Si/Co/Si Multilayers by Polarized Neutron Reflectivity. <i>Journal of Physics: Conference Series</i> , 2011, 325, 012018.	0.3	1
98	Magneto-resistance in nanostructured Tb/Ti and Tb/Si multilayers. <i>Journal of Applied Physics</i> , 2011, 109, 023914.	1.1	3
99	GMI detection of magnetic-particle concentration in continuous flow. <i>Sensors and Actuators A: Physical</i> , 2011, 172, 103-108.	2.0	53
100	Magnetic anisotropy of Tb-Co amorphous films. <i>Physics of the Solid State</i> , 2011, 53, 2275-2283.	0.2	17
101	Magneto-resistive Fe <sub>19</sub> Ni <sub>81</sub> /Tb-Co medium with an internal magnetic bias. <i>Technical Physics</i> , 2011, 56, 981-985.	0.2	11
102	Structure and magnetic properties of nanostructured GdT <sub>b</sub> thin films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 2273-2276.	0.8	9
103	Domain structure, magnetic properties, and giant magnetoimpedance of FeNi/Ti-based multilayers. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 2269-2272.	0.8	5
104	Magnetic disorder in nanostructured Fe <sub>7</sub> Au <sub>93</sub> films and Fe <sub>14</sub> Au <sub>86</sub> powders. <i>Journal of Physics: Conference Series</i> , 2010, 200, 072028.	0.3	0
105	Structure and Magnetic Properties of Thin Permalloy Films Near the $\epsilon$ -Transcritical State. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 333-336.	1.2	114
106	Structure and Electrical Resistivity of Sputtered Tb/Ti and Tb/Si Magnetic Multilayers. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 1515-1518.	1.2	6
107	GMI magnetic-particle concentration detection in continuous flow. <i>Procedia Engineering</i> , 2010, 5, 1324-1327.	1.2	1
108	Magnetic behaviour of non-contacting Ni nanoparticles encapsulated in vertically aligned carbon nanotubes. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 2679-2682.	0.8	25

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109	Crossover from superspin glass to superferromagnet in Fe <sub>50</sub> Ag <sub>50</sub> nanostructured thin films (20% x 50). Physical Review B, 2010, 82, .	1.1	68
110	FeNi-Based Film Nanostructures for High Frequency Applications: Design and Characterization. Solid State Phenomena, 2010, 168-169, 257-260.	0.3	6
111	FeNi-based magnetic layered nanostructures: Magnetic properties and giant magnetoimpedance. Journal of Applied Physics, 2010, 107, .	1.1	32
112	Magnetoresistive Properties of Tb/Ti and Tb/Si Multilayers. Solid State Phenomena, 2009, 152-153, 237-240.	0.3	3
113	Influence of the interface on the electronic channel switching of a Fe/Ag thin film on a Si substrate. Applied Physics Letters, 2009, 95, .	1.5	3
114	Correction to "Influence of the Si Substrate on the Transport and Magnetotransport Properties of Nanostructured Fe-Ag Thin Films" [Nov 09 2784-2787]. IEEE Transactions on Magnetics, 2009, 45, 3365-3365.	1.2	0
115	Giant magnetic impedance of film nanostructures adapted for biodetection. Russian Physics Journal, 2009, 52, 769-776.	0.2	14
116	Magnetic properties and huge magnetic impedance of permalloy/ copper/permalloy film elements. Russian Physics Journal, 2009, 52, 1092-1097.	0.2	2
117	Collective magnetic behaviors of Fe/Ag nanostructured thin films above the percolation limit. Journal of Applied Physics, 2009, 105, 07B513.	1.1	3
118	Magnetic transition in Co/(Gd/Co) multilayers. Journal of Magnetism and Magnetic Materials, 2008, 320, e734-e738.	1.0	3
119	Induced magnetic phase transitions in GdCo/Co-type multilayer films. Physics of the Solid State, 2008, 50, 1481-1486.	0.2	3
120	Influence of the Si Substrate on the Transport and Magnetotransport Properties of Nanostructured Fe-Ag Thin Films. IEEE Transactions on Magnetics, 2008, 44, 2784-2787.	1.2	3
121	Spontaneous magnetization and characteristics of temperature-induced magnetization of planar Co/Si nanostructures. Low Temperature Physics, 2007, 33, 324-328.	0.2	5
122	Magnetic Behaviour of Tb/Si Nanoscale Multilayers with Small Thickness of Rare Earth Layers. Chinese Physics Letters, 2007, 24, 1717-1719.	1.3	1
123	The effect of the additional biasing on the switching process in pseudo spin-valve structure. Vacuum, 2007, 81, 1012-1015.	1.6	6
124	Coupling between Co and Gd/Co layers separated by nonmagnetic spacers. Physica B: Condensed Matter, 2007, 396, 113-116.	1.3	2
125	Magnetic hysteresis of Co/Si multilayers with variable thickness parameters. Physics of Metals and Metallography, 2007, 103, 278-283.	0.3	3
126	Magnetism of Co layers in a Co/Si multilayer film. Physics of the Solid State, 2007, 49, 302-307.	0.2	14

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127	Magnetic Properties and Structure of Fe <sup>2+</sup> /Si Based Finemets. Sensor Letters, 2007, 5, 35-38.	0.4	0
128	MOKE study of Co/Ti/(Gd <sup>2+</sup> /Co) multilayers near the magnetic compensation state. Journal of Alloys and Compounds, 2006, 419, 25-31.	2.8	9
129	Ferrimagnetic properties of Co/(Gd <sup>2+</sup> /Co) multilayers. Journal of Magnetism and Magnetic Materials, 2006, 304, e703-e705.	1.0	3
130	Structure and magnetic properties of nanocrystalline FeCuNbSiB alloys after a thermomechanical treatment. Physics of Metals and Metallography, 2006, 102, 268-273.	0.3	20
131	Magnetic compensation state peculiarities in [Gd-Co/X] <sub>n</sub> layered films. Physics of Metals and Metallography, 2006, 101, S81-S83.	0.3	2
132	Interlayer coupling and magnetization process in Co/X/Gd-Co (X = Si, Ti, Cu) artificial ferrimagnets. Physics of Metals and Metallography, 2006, 101, S84-S86.	0.3	4
133	Magnetic resonance in multilayer Gd/Si/Co magnetic films. Journal of Experimental and Theoretical Physics, 2006, 102, 131-136.	0.2	4
134	Structural Peculiarities and Magnetic Properties of Nanoscale Terbium in Tb/Ti and Tb/Si Multilayers. Chinese Physics Letters, 2006, 23, 196-199.	1.3	9
135	Nanocrystallization and magnetic anisotropy in. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1499-1501.	1.0	6
136	Interlayer Coupling in Co/Ti/(Gd <sup>2+</sup> /Co)/Ti Artificial Layered Ferrimagnet. Chinese Physics Letters, 2005, 22, 3169-3172.	1.3	1
137	Effect of the layer thickness on the magnetic properties and structure of terbium in (Tb/Ti) <sub>n</sub> and (Tb/Si) <sub>n</sub> multilayer films. Technical Physics, 2005, 50, 914-917.	0.2	4
138	Domain structure and magnetization process of a giant magnetoimpedance geometry FeNi/Cu/FeNi(Cu)FeNi/Cu/FeNi sensitive element. Journal of Physics Condensed Matter, 2004, 16, 6561-6568.	0.7	42
139	Coercive properties of a Gd/Si/Co multilayer film with a compensation point. Low Temperature Physics, 2004, 30, 140-143.	0.2	0
140	Modification of the $\epsilon$ -Transcritical $\epsilon$ -state in Ni <sub>75</sub> Fe <sub>16</sub> Cu <sub>5</sub> Mo <sub>4</sub> films produced by RF sputtering. Technical Physics, 2004, 49, 868-871.	0.2	39
141	Spin-glass-like behavior of low field magnetisation in multilayer (Gd/Si/Co/Si) <sub>n</sub> films. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 309, 155-159.	0.9	10
142	Ferromagnetic resonance in FeCoNi electroplated wires. Journal of Applied Physics, 2003, 94, 1868-1872.	1.1	28
143	Spin-valve structures with Co-Tb-based multilayers. IEEE Transactions on Magnetics, 2002, 38, 2782-2784.	1.2	14
144	Structure and magnetic properties of Gd/Si and Gd/Cu multilayered films. Physica B: Condensed Matter, 2002, 315, 143-149.	1.3	11

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145	Magnetoimpedance of sandwiched films: experimental results and numerical calculations. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 291-293.	1.0	36
146	Longitudinal magnetic bistability of electroplated wires. Journal of Magnetism and Magnetic Materials, 2002, 249, 34-38.	1.0	19
147	Influence of magnetic field on the interlayer interaction in (Co/Si/Gd/Si) <sub>n</sub> films. JETP Letters, 2002, 75, 159-161.	0.4	1
148	Spin-valve magnetoresistive structures based on Co/Tb multilayer films. Technical Physics, 2002, 47, 987-990.	0.2	8
149	Peculiarities of ferrimagnetism of Gd/Co multilayers. Journal of Alloys and Compounds, 2001, 327, 5-10.	2.8	4
150	Structural and magnetic phase transformations in multilayer gadolinium films. Physics of the Solid State, 2001, 43, 698-704.	0.2	1
151	H <sub>a</sub> -T phase diagram of a multilayered Gd/Si/Co film with ferrimagnetic ordering of the layers. Low Temperature Physics, 2001, 27, 137-142.	0.2	5
152	Magnetic anisotropy peculiarities of Gd/Co films near the magnetic compensation state. Journal of Magnetism and Magnetic Materials, 1999, 203, 295-297.	1.0	3
153	Effect of heat treatment on the magnetic compensation state of amorphous Gd-Co and layered Gd/Co films. Journal of Alloys and Compounds, 1999, 285, 238-241.	2.8	5
154	Amorphous gadolinium-cobalt films with in-plane anisotropy for magnetoresistive sandwiches. Journal of Magnetism and Magnetic Materials, 1996, 156, 291-292.	1.0	1
155	Asymmetry of the spin-valve effect in FeNi/Cu/FeNi/FeMn films. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 285-286.	1.0	1
156	Magnetic studies of the homogeneity of ferrimagnetic amorphous films. Vacuum, 1995, 46, 113-115.	1.6	3
157	Magnetic and galvanomagnetic properties of CoPt films. Journal of Magnetism and Magnetic Materials, 1995, 146, 214-216.	1.0	3
158	Rotational magnetic anisotropy in amorphous Gd <sub>1-x</sub> Co films. Journal of Magnetism and Magnetic Materials, 1995, 148, 134-135.	1.0	2
159	Magnetic and magnetoresistive properties of synthesized ferrimagnetic Fe <sub>15</sub> Co <sub>20</sub> Ni <sub>65</sub> /GdCo. Journal of Magnetism and Magnetic Materials, 1995, 148, 321-322.	1.0	2
160	PREPARATION AND SOME GALVANOMAGNETICS PROPERTIES OF GdCo MULTILAYER FILMS. Journal of the Magnetism Society of Japan, 1995, 19, S1_173-176.	0.4	0
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