

Feliks Stobiecki

List of Publications by Year in descending order

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192
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1191
citing authors

#	ARTICLE	IF	CITATIONS
1	Interface magnetism in Permalloy/Cu multilayers: Ferromagnetic-resonance study. Physical Review B, 1998, 57, 5955-5960.	1.1	37
2	Magnetic and magnetoresistive properties of NiFe/Au/Co/Au multilayers with perpendicular anisotropy of Co layers. Journal of Applied Physics, 2007, 101, 013905.	1.1	37
3	The influence of sublayer thickness on GMR and magnetisation reversal in permalloy/Cu multilayers. Journal of Magnetism and Magnetic Materials, 1997, 174, 192-202.	1.0	36
4	Magnons in a Quasicrystal: Propagation, Extinction, and Localization of Spin Waves in Fibonacci Structures. Physical Review Applied, 2019, 11, .	1.5	32
5	Determination of Spin Hall Angle in Heavy-Metal/CoB-Based Heterostructures with Interfacial Spin-Orbit Domain-Wall Movement Control inCo/Au Multilayers byHe^+-Ion-Bombardment-InducedCo Diffusion. Physical Review Applied, 2019, 11, 064002.	2.9	30
6	Colloidal domain lithography for regularly arranged artificial magnetic out-of-plane monodomains in Au/Co/Au layers. Nanotechnology, 2011, 22, 095302.	1.5	30
7	Mössbauer study of the influence of thermal treatment on giant magnetoresistance and interface structure in Fe/Cr multilayers. Journal of Applied Physics, 1999, 85, 5039-5041.	1.1	28
8	Reprogrammability and Scalability of Magnonic Fibonacci Quasicrystals. Physical Review Applied, 2019, 11, .	1.5	27
9	Antiferromagnetic magnetostatic coupling in Co/Au/Co films with perpendicular anisotropy. Journal of Applied Physics, 2013, 114, .	1.1	26
10	Quantitative analysis of the oxidation of amorphous Gd-Co-Mo films. IEEE Transactions on Magnetics, 1980, 16, 1206-1208.	1.2	25
11	Magnetization states and magnetization processes in nanostructures: From a single layer to multilayers. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1005-1018.	0.8	24
12	Mössbauer study of ion-beam mixing of Fe/Zr multilayers. Journal of Applied Physics, 1994, 76, 5232-5241.	1.1	23
13	Colloidal topological insulators. Communications Physics, 2018, 1, .	2.0	23
14	Enhancement of perpendicular magnetic anisotropy of Co layer in exchange-biased Au/Co/NiO/Au polycrystalline system. Journal of Applied Physics, 2016, 119, .	1.1	22
15	Magnetic and electrical properties of amorphous Fe _{1-x} B _x films. Journal of Magnetism and Magnetic Materials, 1983, 35, 217-218.	1.0	20
16	Magnetic field induced transition from weak to strong ferromagnetic coupling in NiFe/Au/Co/Au multilayers. Applied Physics Letters, 2008, 92, 012511.	1.5	20

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19	Lattice symmetries and the topologically protected transport of colloidal particles. <i>Soft Matter</i> , 2017, 13, 5044-5075.	1.2	20
20	Exchange interlayer coupling in Fe/Si _x Fe _{100-x} and Co/Si multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 282, 248-251.	1.0	19
21	Co/Au multilayers with graded magnetic anisotropy for magnetic field sensing. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	18
22	Surface waves investigation in NiFe/Au/Co/Au multilayers by high-resolution Brillouin spectroscopy. <i>Journal of Alloys and Compounds</i> , 2012, 517, 132-138.	2.8	18
23	Non-thermal optical excitation of terahertz-spin precession in a magneto-optical insulator. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	18
24	Inverse giant magnetoresistance in granular Nd ₂ /Fe ₁₄ B _{1±} -Fe. <i>IEEE Transactions on Magnetics</i> , 1997, 33, 3559-3561.	1.2	17
25	High sensitivity GMR with small hysteresis in Ni ⁶¹ Fe/Cu multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 190, 187-192.	1.0	17
26	Asymmetric domain wall propagation caused by interfacial Dzyaloshinskii-Moriya interaction in exchange biased Au/Co/NiO layered system. <i>Physical Review B</i> , 2018, 97, .	1.1	17
27	Magnetoresistance of layered structures with alternating in-plane and perpendicular anisotropies. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 282, 32-38.	1.0	16
28	Temperature dependence of ferromagnetic resonance in permalloy/NiO exchange-biased films. <i>European Physical Journal B</i> , 2005, 45, 283-288.	0.6	16
29	Perpendicularly magnetized Co ₂₀ Fe ₆₀ B ₂₀ layer sandwiched between Au with low Gilbert damping. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 435803.	0.7	16
30	The influence of grain boundary diffusion on the amorphization of multilayered Fe/Zr films. <i>Journal of Magnetism and Magnetic Materials</i> , 1991, 101, 207-208.	1.0	15
31	Influence of the Ar-ion irradiation on the giant magnetoresistance in Fe/Cr multilayers. <i>Journal of Applied Physics</i> , 2003, 93, 5514-5518.	1.1	15
32	Magnetic Domains without Domain Walls: A Unique Effect of He^+ Ion Bombardment in Ferrimagnetic $\text{Tb}_x\text{Co}_{1-x}$ Films. <i>Physical Review Letters</i> , 2020, 124, 047203.	2.9	15
33	Thickness dependence of interfacial Dzyaloshinskii-Moriya interaction, magnetic anisotropy and spin waves damping in Pt/Co/Ir and Ir/Co/Pt trilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 519, 167485.	1.0	15
34	The effect of crystallinity on temperature dependences of magnetization, resistivity and anomalous hall constant in thin amorphous Fe _{1-x} B _x films. <i>Journal of Magnetism and Magnetic Materials</i> , 1983, 40, 111-116.	1.0	14
35	Structure and magnetic properties of bulk amorphous Fe ₆₀ Co ₁₀ Ni ₁₀ Zr ₇ B ₁₃ alloy formed by mechanical synthesis and hot pressing. <i>Journal of Non-Crystalline Solids</i> , 2003, 330, 75-80.	1.5	14
36	Concentration-dependent diffusion in amorphous Fe-B films studied by Auger electron depth profiling. <i>Journal of Non-Crystalline Solids</i> , 1986, 88, 209-221.	1.5	13

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37	Metastability of ultrathin Fe in Fe/Zr multilayers investigated by the Kerr effect. Journal of Magnetism and Magnetic Materials, 1996, 152, 201-207.	1.0	13
38	The crystallization kinetics of amorphous Fe _{1-x} B _x films. Journal of Magnetism and Magnetic Materials, 1984, 41, 195-198.	1.0	12
39	Amorphization reactions in multilayered thin Fe/Zr films studied by magnetic, X-ray and DSC measurements. Journal of Magnetism and Magnetic Materials, 1991, 101, 209-210.	1.0	12
40	Material Selective Sensitivity of Magneto-Optical Kerr Effect in NiFe/Au/Co/Au Periodic Multilayers. IEEE Transactions on Magnetics, 2008, 44, 3261-3264.	1.2	12
41	The effect of magnetostatic coupling on spin configurations in ultrathin multilayers. Journal of Applied Physics, 2011, 110, 043924.	1.1	12
42	Current-Induced Magnetization Switching of Exchange-Biased $\text{NiO}/\text{Ni}/\text{NiO}$ Heterostructures Characterized by Spin-Orbit Torque. Physical Review Applied, 2021, 15, .	1.5	12
43	GMR spin valve with alternating in-plane and out-of-plane magnetic anisotropy. Journal of Alloys and Compounds, 2006, 423, 236-239.	2.8	11
44	Effect of He ions irradiation on anisotropy and magnetoresistance of (NiFe/Au/Co/Au) ₁₀ multilayers. Nuclear Instruments & Methods in Physics Research B, 2012, 272, 88-91.	0.6	11
45	Tailoring magnetic anisotropy gradients by ion bombardment for domain wall positioning in magnetic multilayers with perpendicular anisotropy. Nanoscale Research Letters, 2014, 9, 395.	3.1	11
46	Electric-field tunable spin diode FMR in patterned PMN-PT/NiFe structures. Applied Physics Letters, 2016, 109, 072406.	1.5	11
47	Tailoring Perpendicular Exchange Bias Coupling in Au/Co/NiO Systems by Ion Bombardment. Nanomaterials, 2018, 8, 813.	1.9	11
48	Simultaneous polydirectional transport of colloidal bipeds. Nature Communications, 2020, 11, 4670.	5.8	11
49	He ⁺ Ion Bombardment Induced Effects on Magnetic Properties of Ni-Fe/Au/Co/Au Films. Acta Physica Polonica A, 2008, 113, 651-656.	0.2	11
50	Extrinsic contributions to FMR linewidth in Permalloy/X multilayers (X=Cu, CuAu). Journal of Magnetism and Magnetic Materials, 2002, 242-245, 538-540.	1.0	10
51	GMR sensors with linear and unihysteretic R(H) dependences. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1751-E1753.	1.0	10
52	Interlayer coupling induced by domain structure in NiFe/Au/Co/Au multilayers. Physica Status Solidi A, 2005, 202, 2013-2020.	1.7	10
53	Creation of Out-of-Plane Magnetization Ordering by Increasing the Repetitions Number N in (Co/Au) _N Multilayers. IEEE Transactions on Magnetics, 2008, 44, 2850-2853.	1.2	10
54	Oxygen effects on magnetic properties during annealing of sputtered Co-Gd-Mo films. Journal of Magnetism and Magnetic Materials, 1980, 20, 221-225.	1.0	9

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55	Amorphous magnetism and metallic magnetic materials digest. Journal of Magnetism and Magnetic Materials, 1986, 60, 1-135.	1.0	9
56	Magnetic properties of Ni/Fe/Au/Co/Au multilayers. Journal of Magnetism and Magnetic Materials, 2002, 239, 276-278.	1.0	9
57	Domain wall generated by graded interlayer coupling in Co/Pt/Co film with perpendicular anisotropy. Applied Physics Letters, 2015, 107, .	1.5	9
58	Wide-range tuning of interfacial exchange coupling between ferromagnetic Au/Co and ferrimagnetic Tb/Fe(Co) multilayers. Scientific Reports, 2018, 8, 16911.	1.6	9
59	Anchoring Fe ₃ O ₄ nanoparticles in a reduced graphene oxide aerogel matrix via polydopamine coating. Beilstein Journal of Nanotechnology, 2018, 9, 591-601.	1.5	9
60	Edge transport at the boundary between topologically equivalent lattices. Soft Matter, 2019, 15, 1539-1550.	1.2	9
61	Influence of adjacent layers on the damping of magnetization precession in Co _x Fe _{100-x} films. Journal of Alloys and Compounds, 2019, 785, 891-896.	2.8	9
62	Determination of the Dzyaloshinskii-Moriya interaction in exchange biased Au/Co/NiO systems. Journal of Magnetism and Magnetic Materials, 2019, 472, 29-33.	1.0	9
63	Strong Interfacial Perpendicular Magnetic Anisotropy in Exchange-Biased NiO/Co/Au and NiO/Co/NiO Layered Systems. Materials, 2021, 14, 1237.	1.3	9
64	Visualizing nanoscale spin waves using MAXYMUS. , 2019, , .		9
65	SWR, AES and magnetization experiments in amorphous Co _{1-x} Zr _x films. Journal of Magnetism and Magnetic Materials, 1989, 81, 189-195.	1.0	8
66	Effect of GMR and Magnetization Reversal on Microwave Absorption. European Physical Journal D, 2002, 52, 227-230.	0.4	8
67	Domain structure and magnetoresistance of NiFe/Au/Co/Au multilayers with perpendicular anisotropy. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 57-60.	0.8	8
68	Manipulation of superparamagnetic beads on patterned Au/Co/Au multilayers with perpendicular magnetic anisotropy. Journal of Applied Physics, 2016, 120, .	1.1	8
69	Ferromagnetic resonance and resonance modes in kagome lattices: From an open to a closed kagome structure. Physical Review B, 2016, 93, .	1.1	8
70	Remagnetization in arrays of ferromagnetic nanostripes with periodic and quasiperiodic order. Physical Review B, 2019, 99, .	1.1	8
71	Influence of the Annealing Process on the GMR Effect in Permalloy/Copper Multilayers. Materials Science Forum, 1998, 287-288, 513-516.	0.3	7
72	Modification of microstructure and magnetic properties of Fe/Cr multilayers caused by ion irradiation. Journal of Magnetism and Magnetic Materials, 2005, 286, 437-441.	1.0	7

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73	Mössbauer and giant magnetoresistance effect study of magnetic structure in NiFe/Au/Co/Au multilayers with perpendicular anisotropy of the Co layers. Journal of Physics Condensed Matter, 2008, 20, 085208.	0.7	7
74	Tunable magnetic properties of monoatomic metal-oxide Fe/MgO multilayers. Physical Review B, 2014, 90, .	1.1	7
75	Magnetization reversal of Co/Au multilayer stripes with keV-He ⁺ ion bombardment induced coercivity gradient. Journal Physics D: Applied Physics, 2015, 48, 335003.	1.3	7
76	Colloidal trains. Soft Matter, 2020, 16, 1594-1598.	1.2	7
77	Magnetic damping in ferromagnetic/heavy-metal systems: The role of interfaces and the relation to proximity-induced magnetism. Physical Review B, 2022, 105, .	1.1	7
78	Magneto-optical and optical spectroscopy in Fe/Zr multilayered films. Thin Solid Films, 1995, 256, 171-175.	0.8	6
79	Investigation of interface wall energy γ_w and coercivity H_C in exchange-coupled double layers (ECDLs). Journal of Magnetism and Magnetic Materials, 1995, 148, 497-502.	1.0	6
80	Application of magnetically modulated microwave absorption to study of giant magnetoresistance effect in the Ni ²⁺ /Fe/Cu multilayer system. Applied Magnetic Resonance, 2003, 24, 303-311.	0.6	6
81	Temperature dependence of the higher order magnetic anisotropies in Co/Au layered structures. Physica Status Solidi A, 2003, 196, 41-44.	1.7	6
82	Colloidal domain lithography in multilayers with perpendicular anisotropy: an experimental study and micromagnetic simulations. Nanotechnology, 2012, 23, 475303.	1.3	6
83	Second Harmonic Generation Response in Thermally reconstructed Multiferroic $\text{Gd}_2(\text{MoO}_4)_3$ Thin Films. Scientific Reports, 2017, 7, 11800.	1.6	6
84	Influence of domain structure induced coupling on magnetization reversal of Co/Pt/Co film with perpendicular anisotropy. Journal of Magnetism and Magnetic Materials, 2017, 422, 465-469.	1.0	6
85	Optimization of spin Hall magnetoresistance in heavy-metal/ferromagnetic-metal bilayers. Scientific Reports, 2020, 10, 10767.	1.6	6
86	Magnetic properties of Co-Tb alloy films and Tb/Co multilayers as a function of concentration and thickness. Journal of Magnetism and Magnetic Materials, 2022, 544, 168682.	1.0	6
87	Mössbauer study of sputtered and liquid quenched amorphous Fe _{1-x} B _x alloys. Nuclear Instruments & Methods in Physics Research, 1982, 199, 215-218.	0.9	5
88	Magnetoelastic properties of Fe _{1-x} B _x amorphous thin films. Physica Status Solidi A, 1984, 82, K177-K179.	1.7	5
89	Magnetic Properties of Compositionally Modulated Ni/Cu Layers. Physica Status Solidi A, 1984, 84, K129-K131.	1.7	5
90	Analysis of Ti-N films by calibration of Ti X-ray spectra. Fresenius' Journal of Analytical Chemistry, 1991, 341, 365-368.	1.5	5

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91	Magnetic domains and coercivity transitions in wedged Fe/Zr multilayers. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1899-1900.	1.0	5
92	Structural changes and solid state reactions in multilayers investigated by magnetic methods. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 593-594.	1.0	5
93	Soft magnetic properties of Co/Ti multilayers. Journal of Magnetism and Magnetic Materials, 1996, 160, 349-350.	1.0	5
94	Changes in magnetic properties of Ni/Zr multilayers induced by low-temperature annealing. Journal of Magnetism and Magnetic Materials, 1996, 160, 351-353.	1.0	5
95	Thickness dependence of cubic anisotropy constant in sputtered Fe films on GaAs substrates. Physica B: Condensed Matter, 2000, 284-288, 1237-1238.	1.3	5
96	Interlayer exchange coupling across Cu/Ti/Cu spacer layer. Physica Status Solidi A, 2003, 196, 86-89.	1.7	5
97	Domain Structure in (NiFe/Au/Co/Au) ₁₀ Multilayers With Perpendicular Anisotropy of Co Layers. IEEE Transactions on Magnetics, 2010, 46, 231-234.	1.2	5
98	Scanning magneto-optical Kerr microscope with auto-balanced detection scheme. Review of Scientific Instruments, 2011, 82, 083706.	0.6	5
99	Electrical properties of SmB6 thin films prepared by pulsed laser deposition from a stoichiometric SmB6 target. Journal of Alloys and Compounds, 2018, 744, 821-827.	2.8	5
100	Magnetophoretic lensing by concentric topographic cylinders of perpendicular magnetic anisotropy multilayers. Biomicrofluidics, 2018, 12, 044117.	1.2	5
101	High-Quality Ni-Fe/Cu Multilayer Films with Antiferromagnetic Coupling. Acta Physica Polonica A, 1997, 91, 277-280.	0.2	5
102	Diffusion blocking mechanism within the first interface in multi- and bilayer Co/Zr films. Journal of Non-Crystalline Solids, 1988, 107, 118-121.	1.5	4
103	Amorphization of Fe/Zr Multilayers by Ar-Ion-Beam-Mixing. Materials Research Society Symposia Proceedings, 1993, 311, 197.	0.1	4
104	Exchange coupled double layer films (ECDLs) consisting of Tb/Fe multilayer stacks. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 521-522.	1.0	4
105	Magneto-resistance studies of discontinuous multilayer thin Co/Ag films. Journal of Magnetism and Magnetic Materials, 1996, 160, 354-356.	1.0	4
106	Oscillatory coupling in NiFe/Cu multilayers with low coercivity. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 107-109.	1.0	4
107	Effect of annealing and ion implantation on interlayer exchange coupling in Fe/Cr multilayers. Physica Status Solidi A, 2003, 196, 45-48.	1.7	4
108	Unidirectional anisotropy in MnIr/CoFe/Al ₂ O ₃ /NiFe TMR multilayer systems. Physica Status Solidi A, 2003, 199, 284-288.	1.7	4

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109	Spacer layer properties in antiferromagnetically coupled Fe/SixFe1-x. Journal of Alloys and Compounds, 2006, 423, 220-223.	2.8	4
110	Stability of perpendicular anisotropy in NiFe/Au/Co/Au multilayers. Journal of Alloys and Compounds, 2008, 454, 57-60.	2.8	4
111	Magnetic Anisotropy of Co Films Annealed by Laser Pulses. Solid State Phenomena, 2008, 140, 69-74.	0.3	4
112	Laser-induced magnetization precession parameters dependence on Pt spacer layer thickness in mixed magnetic anisotropies Co/Pt/Co trilayer. Journal of Magnetism and Magnetic Materials, 2020, 505, 166702.	1.0	4
113	Multilayer Structures with Giant Magnetoresistance. Acta Physica Polonica A, 2002, 102, 95-108.	0.2	4
114	Anisotropy Distribution in NiFe/Au/Co/Au Multilayers. Acta Physica Polonica A, 2009, 115, 315-318.	0.2	4
115	Selective Modification of Magnetic Properties of Co ₁ /Au/Co ₂ /Au Multilayers by He Ion Bombardment. Acta Physica Polonica A, 2009, 115, 326-328.	0.2	4
116	Ferromagnetic Resonance in Fe/Zr Multilayers. Acta Physica Polonica A, 1994, 85, 449-453.	0.2	4
117	Temperature Dependence of Magnetisation Reversal and GMR in Spin Valve Structures. Acta Physica Polonica A, 2000, 97, 523-526.	0.2	4
118	Solid state reaction in crystalline and amorphous Co-Zr multilayers. Thin Solid Films, 1989, 174, 45-49.	0.8	3
119	Magnetic properties of Fe/Zr multilayers. IEEE Transactions on Magnetics, 1994, 30, 746-748.	1.2	3
120	Structure and magnetic properties of multilayers with various modulation wavelengths. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 597-598.	1.0	3
121	High room temperature sensitivity of magnetoresistance in NiFe/CuAgAu/Co/CuAgAu multilayers. Journal of Magnetism and Magnetic Materials, 2002, 239, 288-290.	1.0	3
122	Degradation of the Giant Magnetoresistance in Fe/Cr Multilayers Due to Ar-Ion Beam Mixing. Hyperfine Interactions, 2002, 144/145, 255-259.	0.2	3
123	Kerr magnetometer based on a differential amplifier. Physica Status Solidi A, 2003, 196, 161-164.	1.7	3
124	Non-collinear magnetic states in Ni-Fe/Au/Co/Au multilayers investigated by magnetoresistance measurements. Physica Status Solidi (B): Basic Research, 2006, 243, 210-213.	0.7	3
125	The influence of Fe layer thickness on electronic and magnetic properties of antiferromagnetically coupled Fe/Si multilayers. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 93-96.	0.8	3
126	Changes in magnetic and magnetoresistive characteristics of Ni-Fe/Au/Co/Au multilayers induced by annealing. Physica Status Solidi (B): Basic Research, 2006, 243, 235-238.	0.7	3

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127	Interlayer coupling in Ni ²⁺ Fe/Au/Co/Au multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 2292-2294.	1.0	3
128	Influence of domain wall density on interlayer coupling in CoFe/Au/Co/Au multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 1588-1592.	1.0	3
129	Néel's Magnetostatic Coupling in Sputtered Cu/Py/V/Py/MnIr/Cu Multilayers. <i>Acta Physica Polonica A</i> , 2004, 105, 307-313.	0.2	3
130	Giant Magnetoresistance in Permalloy/Copper Multilayers. <i>Acta Physica Polonica A</i> , 1997, 91, 273-275.	0.2	3
131	GMR Effect In Sputtered Permalloy/Cu Multilayers.. <i>Journal of the Magnetism Society of Japan</i> , 1999, 23, 126-128.	0.4	3
132	Temperature Dependence of the Magnetisation Reversal of Permalloy/Copper Multilayers with Antiferromagnetic Coupling. <i>Journal of the Magnetism Society of Japan</i> , 1999, 23, 176-178.	0.4	3
133	Changes of Structure and Magnetic Properties of (Ni ₈₀ Fe ₂₀ /Au/Co/Au)N Multilayers as a Function of Repetition Number N. <i>Acta Physica Polonica A</i> , 2008, 113, 205-208.	0.2	3
134	Density and Free Volume in Amorphous Fe-B Films*. <i>Zeitschrift Fur Physikalische Chemie</i> , 1988, 157, 183-188.	1.4	2
135	Untersuchung von Hartstoffsichten aus der HF-Kathodenzerstäubung. <i>Materialwissenschaft Und Werkstofftechnik</i> , 1993, 24, 102-108.	0.5	2
136	Composition of Ti-N films: EDX analysis during the sputtering process. <i>Fresenius' Journal of Analytical Chemistry</i> , 1993, 346, 192-195.	1.5	2
137	RFA as control method of the reactive sputtering process of TiN films. <i>Fresenius' Journal of Analytical Chemistry</i> , 1995, 353, 536-540.	1.5	2
138	Granular Type of Magnetoresistivity in Multilayer-Like Co/Ag Films with Discontinuous Co and Continuous Ag Sublayers. <i>Physica Status Solidi A</i> , 1997, 163, 195-205.	1.7	2
139	Structure and Magnetic Properties of Metallic Multilayers Exhibiting Giant Magnetoresistance. <i>Crystal Research and Technology</i> , 2001, 36, 825-836.	0.6	2
140	Thermal Stability of Ni-Fe/Co/Au/Co GMR Pseudo-Spin-Valves. <i>European Physical Journal D</i> , 2002, 52, 235-238.	0.4	2
141	Pseudo spin-valve structures with Co/Ti as soft magnetic layer. <i>Physica Status Solidi A</i> , 2003, 196, 56-59.	1.7	2
142	Temperature dependence of magnetic anisotropy in Co/Au layered structures. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E923-E924.	1.0	2
143	Magnetization reversal and magnetoresistance of multilayers with noncollinear magnetic structure. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 924-928.	1.0	2
144	Subsystem domination influence on magnetization reversal in designed magnetic patterns in ferrimagnetic Tb/Co multilayers. <i>Scientific Reports</i> , 2021, 11, 1041.	1.6	2

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145	High-sensitive giant magnetoresistance in permalloy/Cu multilayers. European Physical Journal Special Topics, 1998, 08, Pr2-453-Pr2-456.	0.2	2
146	The Influence of He ⁺ Ion Bombardment on Magnetic Properties of NiFe/Au/Co/Au Multilayers. Acta Physica Polonica A, 2009, 115, 352-354.	0.2	2
147	Giant Magnetoresistance of [Ni ₈₀ Fe ₂₀ /Au/Co/Au]N Multilayers Deposited on Flexible Substrates. Acta Physica Polonica A, 2012, 121, 1234-1236.	0.2	2
148	Magnetic Anisotropy and Magnetostriction Oscillations in Magnetic Multilayers. Acta Physica Polonica A, 1999, 96, 495-499.	0.2	2
149	Complex Magnetic Structure of Strongly Coupled Fe/Si Multilayers. Acta Physica Polonica A, 2000, 97, 451-454.	0.2	2
150	Creation and Observation of Domain Structures with a Special Kerr Microscope. Acta Physica Polonica A, 2000, 97, 475-478.	0.2	2
151	Influence of Temperature and Annealing on GMR in Sputtered Permalloy/Cu Multilayers. Acta Physica Polonica A, 2000, 97, 539-542.	0.2	2
152	Origin of Perpendicular Magnetic Anisotropy Enhancement in Co/Ni Bilayer Due to Plasma Oxidation. Physica Status Solidi - Rapid Research Letters, 2022, 16, 2100450.	1.2	2
153	Magnetization statics and dynamics in (Ir/Co/Pt) ₆ multilayers with Dzyaloshinskiiâ€Moriya interaction. AIP Advances, 2022, 12, .	0.6	2
154	Effect of narrow stripe cutting of a thin ferromagnetic film on its easy axis orientation. Physica Status Solidi A, 1973, 18, K107-K110.	1.7	1
155	Surface anisotropy energy of amorphous Co _{1-x} Zr _x films. Journal of Magnetism and Magnetic Materials, 1990, 87, 67-70.	1.0	1
156	Ion-beam mixing â€” does it depend on the substrate thickness?. Nuclear Instruments & Methods in Physics Research B, 1997, 127-128, 141-144.	0.6	1
157	Magnetoâ€optical studies of Fe/Zr wedge-shaped multilayer. Thin Solid Films, 1997, 311, 246-250.	0.8	1
158	Low temperature enhancement of the magnetic anisotropy in Fe/Si multilayers. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 83-84.	1.0	1
159	Annealing Effects on Py/Cu GMR Multilayer Films with Limited Number of Sublayers. Physica Status Solidi A, 2001, 186, 423-435.	1.7	1
160	Annealing effects on Co/Cu multilayers with alternating Co sublayer thicknesses. Physica Status Solidi A, 2003, 196, 37-40.	1.7	1
161	MÃssbauer spectroscopy, interlayer coupling and magnetoresistance of irradiated Fe/Cr multilayers. Journal of Alloys and Compounds, 2004, 382, 174-178.	2.8	1
162	MÃssbauer effect investigations of Co ₈₃ Fe ₁₇ /Au/Co/Au multilayers. Journal of Magnetism and Magnetic Materials, 2011, 323, 1577-1580.	1.0	1

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163	Magnetization Reversal and Domain Replication in Co/Au/Co Film with Perpendicular Anisotropy. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	1
164	Gauge invariant and gauge dependent aspects of topological walking colloidal bipeds. Soft Matter, 2021, 17, 1663-1674.	1.2	1
165	Graphene Blocks Oxidative Segregation of Iron Dissolved in Platinum: A Model Study. Advanced Materials Interfaces, 2021, 8, 2002172.	1.9	1
166	Superparamagnetic Grains as Source of Giant Magnetoresistance Effect in Discontinuous Co/Ag Multilayers. Acta Physica Polonica A, 1997, 91, 269-272.	0.2	1
167	GMR in Multilayers with an Alternating In-plane and Perpendicular Anisotropy. Journal of Magnetism, 2004, 9, 40-46.	0.2	1
168	Magnetic Properties and GMR of Sputtered Permalloy/Au Multilayers. Acta Physica Polonica A, 2000, 97, 535-538.	0.2	1
169	Magnetic Tailoring of Domains in NiFe/Au/Co/Au Multilayers by He Ion Bombardment through Nanospheres. Acta Physica Polonica A, 2009, 115, 348-351.	0.2	1
170	Structure and Magnetic Properties of Ni/Ti Multilayers. Acta Physica Polonica A, 1997, 91, 233-236.	0.2	1
171	Reactive diffusion in amorphous Fe-B and Co-Zr multilayer films. Acta Metallurgica, 1989, 37, 3361-3366.	2.1	0
172	Ion-beam-mixing induced amorphization of Fe/Zr multilayers. Hyperfine Interactions, 1994, 92, 1339-1345.	0.2	0
173	Spontaneous formation of amorphous phase at interface. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 595-596.	1.0	0
174	Implantation of heavy ions in magneto optical multilayers and alloys. IEEE Transactions on Magnetics, 2000, 36, 2951-2953.	1.2	0
175	Implantation of heavy ions in magneto optical alloys and multilayers. , 0, , .		0
176	Py/Cu/Co/Cu spin-valve magnetoresistive multilayers with weak interlayer coupling. European Physical Journal D, 2002, 52, A165-A168.	0.4	0
177	Magnetic Properties of Permalloy/Cu-Au Multilayers. European Physical Journal D, 2002, 52, 231-234.	0.4	0
178	Pseudo spin-valve structures with NiO/Co as a hard magnetic layer. Physica Status Solidi (B): Basic Research, 2004, 241, 1613-1616.	0.7	0
179	Investigation of Magnetization Distribution in Co/Au Multilayer Film by Magnetic Force Microscopy. Solid State Phenomena, 0, 152-153, 277-280.	0.3	0
180	Influence of Domain Replication on Magnetoresistance of Co/Au/Co Film With Perpendicular Anisotropy and Antiferromagnetic Coupling. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	0

#	ARTICLE	IF	CITATIONS
181	Magnetic domain propagation in Pt/Co/Pt micro wires with engineered coercivity gradients along and across the wire. Journal of Magnetism and Magnetic Materials, 2017, 435, 162-166.	1.0	0
182	Scanning tunneling microscopy study of Cu-induced surface restructuring of Si(100)-(2 \times 2)- $\sqrt{3}$. Applied Surface Science, 2019, 480, 1156-1161.	3.1	0
183	Electrical resistivity of SmB ₆ thin films prepared by pulsed laser deposition with various heat treatment. Physica B: Condensed Matter, 2021, 613, 413021.	1.3	0
184	Magneto-Optical Study of NiFe/Au/Co/Au Layers. Acta Physica Polonica A, 2009, 115, 369-371.	0.2	0
185	Resistivity and Temperature Coefficient of Resistivity of the Fe/Zr Multilayer Films. Acta Physica Polonica A, 1994, 85, 443-447.	0.2	0
186	Structure and Magnetic Properties of Fe/Zr Multilayers. Acta Physica Polonica A, 1994, 85, 455-459.	0.2	0
187	10.1063/1.5034516.1., 2018, , .		0