

Panagiotis Pouloupoulos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Layer-Resolved Magnetic Moments in Ni/Pt Multilayers. <i>Physical Review Letters</i> , 2000, 85, 413-416.	7.8	164
2	Systematics of the Induced Magnetic Moments in 5d Layers and the Violation of the Third Hund's Rule. <i>Physical Review Letters</i> , 2001, 87, 207202.	7.8	102
3	Magnetism in thin films. <i>Journal of Physics Condensed Matter</i> , 1999, 11, 9495-9515.	1.8	101
4	Structure of ultrathin Ni/Cu(001) films as a function of film thickness, temperature, and magnetic order. <i>Physical Review B</i> , 1999, 59, 12641-12646.	3.2	99
5	Synthesis and characterization of ZnO/NiO μ n heterojunctions: ZnO nanorods grown on NiO thin film by thermal evaporation. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2011, 9, 132-139.	2.0	98
6	Anomalous reorientation phase transition of the magnetization in fct Ni/Cu(001). <i>Physical Review B</i> , 1997, 56, 5100-5103.	3.2	94
7	Orbital Magnetism and Magnetic Anisotropy Probed with Ferromagnetic Resonance. <i>Physical Review Letters</i> , 1999, 82, 2390-2393.	7.8	87
8	Two Susceptibility Maxima and Element Specific Magnetizations in Indirectly Coupled Ferromagnetic Layers. <i>Physical Review Letters</i> , 1998, 81, 2368-2371.	7.8	72
9	Growth of thin Ag films produced by radio frequency magnetron sputtering. <i>Thin Solid Films</i> , 2006, 510, 138-142.	1.8	69
10	Magnetic moment of Au at Au \hat{c} interfaces: A direct experimental determination. <i>Physical Review B</i> , 2004, 69, .	3.2	62
11	Intense Quantum Confinement Effects in Cu ₂ O Thin Films. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14839-14843.	3.1	60
12	Oscillations of the Curie temperature and interlayer exchange coupling in magnetic trilayers. <i>Physical Review B</i> , 1999, 59, R3938-R3940.	3.2	53
13	Magnetic anisotropy and exchange coupling in Fe/V(0 0 1) superlattices on MgO(0 0 1). <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 170, 57-66.	2.3	51
14	Induced V and reduced Fe moments at the interface of Fe/V(001) superlattices. <i>Physical Review B</i> , 2001, 64, .	3.2	50
15	Magnetic anisotropy energy and the anisotropy of the orbital moment of Ni in Ni/Pt multilayers. <i>Physical Review B</i> , 2000, 61, 8647-8650.	3.2	49
16	ZnO controllable sized quantum dots produced by polyol method: An experimental and theoretical study. <i>Materials Letters</i> , 2008, 62, 3533-3535.	2.6	49
17	Changes of magnetic anisotropy due to roughness: a quantitative scanning tunneling microscopy study on Ni/Cu(001). <i>Surface Science</i> , 1999, 437, 277-284.	1.9	48
18	Enhanced induced magnetization in coupled magnetic trilayers in the presence of spin fluctuations. <i>Physical Review B</i> , 1999, 60, R14994-R14997.	3.2	47

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19	T3/2Dependence of the Interlayer Exchange Coupling in Ferromagnetic Multilayers. Physical Review Letters, 2002, 88, 167206.	7.8	47
20	Epitaxial growth of Ni on Cu() with the assistance of O-surfactant and its magnetism compared to Ni/Cu(). Surface Science, 2003, 531, 53-67.	1.9	44
21	Sudden jump of the Curie temperature at the coalescence of Co islands on Cu(001). Journal of Magnetism and Magnetic Materials, 1999, 192, L386-L390.	2.3	43
22	Surface and interface magnetic moments of Co/Cu(001). Europhysics Letters, 2001, 54, 820-825.	2.0	41
23	Structural, magnetic, and spectroscopic magneto-optical properties aspects of Pt-Co multilayers with intentionally alloyed layers. Journal of Applied Physics, 2003, 94, 7662.	2.5	41
24	Evidence for domain formation near the Curie temperature in ultrathin Ni/Cu (001) films with perpendicular anisotropy. Physical Review B, 1997, 55, R11961-R11964.	3.2	39
25	Improved growth and the spin reorientation transition of Ni on $(\sqrt{2}\sqrt{2})R45^\circ$ reconstructed O/Cu(001). Surface Science, 2003, 523, L65-L69.	1.9	38
26	Metastable magnetic properties of Co/Cu(001) films below the T_c jump. Physical Review B, 2002, 65, .	3.2	36
27	Strong quantum confinement effects in thin zinc selenide films. Chemical Physics Letters, 2006, 417, 461-464.	2.6	36
28	Infrared spectroscopic and electronic transport properties of polycrystalline semiconducting FeSi ₂ thin films. Journal of Applied Physics, 1996, 80, 962-968.	2.5	35
29	Manipulation of the Curie temperature and the magnetic moments of ultrathin Ni and Co films by Cu-capping. Journal of Magnetism and Magnetic Materials, 2000, 222, 163-167.	2.3	35
30	Atomic exchange processes at the interface and their role on the magnetic moments of ultrathin Ni/Cu(001) films. Physical Review B, 2000, 62, 10431-10435.	3.2	35
31	Interface magnetism in 3d/5d multilayers probed by X-ray magnetic circular dichroism. Physica Status Solidi A, 2003, 196, 33-36.	1.7	35
32	Photoluminescence from silicon nanoparticles prepared from bulk amorphous silicon monoxide by the disproportionation reaction. Applied Physics Letters, 2005, 87, 123114.	3.3	35
33	Structural and spectroscopic magneto-optic studies of Pt-Co multilayers. Journal of Applied Physics, 1997, 82, 5640-5645.	2.5	34
34	Optical anisotropy and magneto-optical properties of Ni on preoxidized Cu(110). Physical Review B, 2006, 73, .	3.2	34
35	X-ray magnetic circular dichroic magnetometry on Ni/Pt multilayers. Journal of Applied Physics, 2001, 89, 3874-3879.	2.5	33
36	Absolute determination of Co magnetic moments: Ultrahigh-vacuum high- T_c SQUID magnetometry. Physical Review B, 2000, 62, 11336-11339.	3.2	32

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37	Clarification of contesting results for the total magnetic moment of Ni/Cu(001). <i>Physical Review B</i> , 2001, 65, .	3.2	31
38	Direct evidence for significant spin-polarization of EuS in Co/EuS multilayers at room temperature. <i>Scientific Reports</i> , 2013, 3, 1333.	3.3	27
39	The temperature-dependent in- and out-of-plane magnetic anisotropies in superlattices. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 10581-10593.	1.8	26
40	Au and Fe magnetic moments in disordered Au-Fe alloys. <i>Physical Review B</i> , 2008, 77, .	3.2	25
41	Band-gap tuning at the strong quantum confinement regime in magnetic semiconductor EuS thin films. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	25
42	Absence of dimensional crossover in metallic ferromagnetic superlattices. <i>Physical Review B</i> , 2002, 65, .	3.2	24
43	Growth and optical properties of Fe ₂ O ₃ thin films: A study of quantum confinement effects by experiment and theory. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 89, 67-71.	2.7	24
44	Direct probe of interdiffusion effects on the induced V spin polarization at Fe/V interfaces. <i>Physical Review B</i> , 2003, 68, .	3.2	23
45	Growth phases and optical anisotropy of Co on preoxidized Cu(110). <i>Physical Review B</i> , 2001, 64, .	3.2	21
46	Antiferromagnetic-like coupling evidence in a Pd _i -Ni multilayer with inverted hysteresis features. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 163, 27-31.	2.3	20
47	The Curie temperature in ultrathin Ni/Cu(001) films determined by ac susceptibility and MOKE. <i>Surface Science</i> , 1998, 402-404, 396-400.	1.9	20
48	Magnetization and susceptibility of coupled ferromagnetic trilayers calculated with a Green's function type theory. <i>Journal of Applied Physics</i> , 2000, 87, 6692-6694.	2.5	20
49	Thickness dependence of the V induced magnetic moment in Fe/V/Fe(110) trilayers. <i>Journal of Applied Physics</i> , 2002, 91, 8760.	2.5	20
50	A Study of Quantum Confinement Effects in Ultrathin NiO Films Performed by Experiment and Theory. <i>Materials</i> , 2018, 11, 949.	2.9	20
51	Structure and magnetism of self-organized Ni nanostructures on Cu(001). <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 218, 10-16.	2.3	19
52	AC-susceptibility of Ni/W(110) ultrathin magnetic films: determination of the Curie temperature and critical behavior. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 231, 65-73.	2.3	19
53	Microstructural evolution in nanostructured gold films. <i>Thin Solid Films</i> , 2012, 520, 4074-4079.	1.8	19
54	Patterning of porous silicon by metal-assisted chemical etching under open circuit potential conditions. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2007, 38, 44-49.	2.7	18

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55	Positive surface and perpendicular magnetic anisotropy in natural nanomorphous Ni/NiO multilayers. Applied Physics Letters, 2010, 96, .	3.3	18
56	Layering and temperature-dependent magnetization and anisotropy of naturally produced Ni/NiO multilayers. Journal of Applied Physics, 2012, 112, .	2.5	18
57	Self-assembled Au nanoparticles on heated Corning glass by dc magnetron sputtering: size-dependent surface plasmon resonance tuning. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	17
58	Induced spin-polarization of EuS at room temperature in Ni/EuS multilayers. Applied Physics Letters, 2014, 104, .	3.3	17
59	Quantum confinement effects of thin ZnO films by experiment and theory. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 120, 114072.	2.7	16
60	Temperature-dependent crossover from ferro- to antiferromagnetic interlayer alignment due to magnetic anisotropy energy. Physical Review B, 1998, 57, R14036-R14039.	3.2	15
61	Band Gap Measurements of Nano-Meter Sized Rutile Thin Films. Nanomaterials, 2020, 10, 2379.	4.1	15
62	Magnetic anisotropy energy as a function of temperature in tetragonal Ni films and Fe superlattices. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 325-330.	2.3	14
63	Methods of determining magnetization and uniaxial anisotropy of multilayers by means of torque magnetometry. Journal of Applied Physics, 1994, 75, 4109-4113.	2.5	13
64	GMR study leading to sensor fabrication on the Ag/Co system. Sensors and Actuators A: Physical, 2001, 91, 180-183.	4.1	13
65	Direct Probe of Induced Magnetic Moments at Interfaces via X-Ray Magnetic Circular Dichroism. Physica Status Solidi A, 2002, 189, 293-300.	1.7	13
66	Modulation-induced effects in Pt/Ni multilayers enhanced magnetization, perpendicular anisotropy and its instability. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 613-614.	2.3	12
67	Influence of conventional furnace and rapid thermal annealing on the quality of polycrystalline Fe_2Si_2 thin films grown from vapor-deposited Fe/Si multilayers. Thin Solid Films, 1997, 310, 115-122.	1.8	12
68	Magnetic anisotropies of $\text{Fe}/\text{V}/\text{m}/[001]$ superlattices determined by ferromagnetic resonance. IEEE Transactions on Magnetics, 1998, 34, 873-875.	2.1	12
69	Improved growth and perpendicular anisotropy in Pd/Co multilayers with intentionally alloyed layers. Thin Solid Films, 2000, 371, 225-230.	1.8	12
70	Ultrathin Co films on flat and vicinal Cu(111) surfaces: per atom determination of orbital and spin moments. Journal of Physics Condensed Matter, 2003, 15, S573-S586.	1.8	12
71	Higher harmonics of the susceptibility: Analysis of hysteresis effects in ultrathin ferromagnets. Physical Review B, 2004, 69, .	3.2	12
72	Structure and Magnetic Properties of hcp and fcc Nanocrystalline Thin Ni Films and Nanoparticles Produced by Radio Frequency Magnetron Sputtering. Journal of Nanoscience and Nanotechnology, 2010, 10, 6024-6028.	0.9	12

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73	Growth modes of nanocrystalline Ni/Pt multilayers with deposition temperature. Journal of Applied Physics, 2007, 102, 043525.	2.5	11
74	Unexpected Development of Perpendicular Magnetic Anisotropy in Ni/NiO Multilayers After Mild Thermal Annealing. IEEE Magnetics Letters, 2019, 10, 1-5.	1.1	11
75	Magnetic properties of Co-based multilayers with layer-alloyed modulations. Journal of Magnetism and Magnetic Materials, 1995, 148, 78-79.	2.3	10
76	The influence of substrate preoxidation on the growth of Ni on Cu(110). Surface Science, 2004, 566-568, 100-104.	1.9	10
77	Magneto-optic spectroscopic Kerr effect in Co-based multilayers with layer-alloyed modulation. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 579-580.	2.3	9
78	AC susceptibility: a sensitive probe of interlayer coupling. Journal of Magnetism and Magnetic Materials, 2000, 212, 17-22.	2.3	9
79	Wilhelmet al.Reply:. Physical Review Letters, 2003, 90, .	7.8	9
80	Magnetism and magneto-optics of nanocrystalline Ni ²⁺ Pt multilayers grown by e-beam evaporation at room temperature. Journal of Applied Physics, 2007, 101, 023913.	2.5	9
81	Violation of Hund's third rule in structurally disordered ferromagnets. Physical Review B, 2011, 84, .	3.2	9
82	Microstructure and plasmonic behavior of self-assembled silver nanoparticles and nanorings. Journal of Applied Physics, 2019, 125, .	2.5	9
83	Interlayer exchange coupling: an in situ investigation via ferromagnetic resonance. Journal of Magnetism and Magnetic Materials, 2002, 240, 220-222.	2.3	8
84	CoCr-based alloys: Pt and Ta induced magnetic moments probed by X-ray magnetic circular dichroism. Physica Status Solidi A, 2004, 201, 3243-3246.	1.7	8
85	X-RAY MAGNETIC CIRCULAR DICHROISM ON Pt L-EDGES IN Co-BASED MATERIALS. International Journal of Modern Physics B, 2005, 19, 4517-4523.	2.0	8
86	Magnetic, Magneto-optic and Magnetotransport Properties of Nanocrystalline Co/Au Multilayers with Ultrathin Au Interlayers. Journal of Nanoscience and Nanotechnology, 2008, 8, 4323-4328.	0.9	8
87	Natural Nanomorphous Ni/NiO Magnetic Multilayers: Structure and Magnetism of the High-Ar Pressure Series. Journal of Nanoscience and Nanotechnology, 2014, 14, 6103-6107.	0.9	8
88	Localized surface plasmon resonances after selective oxidization of AuCu solid solution nanocrystalline films. Applied Physics Letters, 2015, 107, .	3.3	8
89	Growth of Au Nanoparticles in NiO via Short Annealing of Precursor Material Thin Film and Optimization of Plasmonics. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700303.	1.8	8
90	Optical interpretation for plasmonic adjustment of nanostructured Ag-NiO thin films. International Journal of Modern Physics B, 2021, 35, 2150093.	2.0	8

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91	Absolute magnetometry on ultrathin 3d-metal films by UHV-SQUID. Journal of Magnetism and Magnetic Materials, 2002, 240, 343-345.	2.3	7
92	Near-edge x-ray absorption fine-structure fingerprints of bulk-amorphous and nanostructured Pd-based alloys. Journal of Applied Physics, 2005, 98, 044319.	2.5	7
93	Non-Magnetic Hexagonal Nanocrystalline Ni Films Grown by Radio Frequency Magnetron Sputtering. Journal of Nanoscience and Nanotechnology, 2006, 6, 3867-3870.	0.9	7
94	Magnetic Force Microscopy on Nanocrystalline Co Films. Journal of Nanoscience and Nanotechnology, 2010, 10, 6120-6127.	0.9	7
95	Growth and Magnetism of Natural Multilayers. Journal of Nano Research, 2011, 15, 95-103.	0.8	7
96	Growth and Experimental Evidence of Quantum Confinement Effects in Cu ₂ O and CuO Thin Films. Journal of Nano Research, 2011, 15, 69-74.	0.8	7
97	Texture and Magnetism of Nanocrystalline Ni Films and Multilayers. Journal of Nano Research, 0, 30, 68-77.	0.8	7
98	Growth and Characterization of Nanostructured Ag-ZnO for Application in Water Purification. Journal of Nano Research, 2020, 62, 75-86.	0.8	7
99	Growth and Optical Properties of Thin NiO Films. Journal of Surfaces and Interfaces of Materials, 2014, 2, 233-237.	0.5	7
100	Structural and giant magnetoresistance characterization of AgCo multilayers. Journal of Magnetism and Magnetic Materials, 1997, 165, 334-337.	2.3	6
101	Separate Curie temperatures in magnetic trilayers and the effect of spin fluctuations. Journal of Magnetism and Magnetic Materials, 2001, 236, 1-3.	2.3	6
102	Growth and optical absorption of thin ZnSe films. Journal of Physics: Conference Series, 2005, 10, 259-262.	0.4	6
103	Photoluminescent Si nanoparticles embedded in silicon oxide matrix. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 124-125, 475-478.	3.5	6
104	Magnetic Properties of Textured CoPd Nanocrystalline Thin Films. Journal of Nanoscience and Nanotechnology, 2012, 12, 6240-6247.	0.9	6
105	Giant Enhancement of Small Photoluminescent Signals on Glass Surfaces Covered by Self-Assembled Silver Nanorings. Journal of Nanoscience and Nanotechnology, 2017, 17, 1428-1433.	0.9	6
106	Analysis of localized surface plasmon resonances in gold nanoparticles surrounded by copper oxides. Journal of Applied Physics, 2018, 123, .	2.5	6
107	Effects of Thermal Annealing and Ni Addition on the Magnetic Properties of Co-CoO Multilayers. Spin, 2020, 10, .	1.3	6
108	Quantum Confinement Effects of Thin Co ₃ O ₄ Films. Atoms, 2021, 9, 70.	1.6	6

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109	Element-specific magnetization curves and crossover in Co/Cu/Ni/Cu(001) trilayers studied by XMCD. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 472-474.	2.4	5
110	Ultrathin Fe-limit in Fe/V(001) superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 256, 404-411.	2.3	5
111	ANNEALING EFFECT ON THE INDUCED MAGNETISM OF PLATINUM IN FePt NANOPARTICLES. <i>Modern Physics Letters B</i> , 2007, 21, 1189-1196.	1.9	5
112	Magnetic moments of Fe and Y in the FeBY glass forming system. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 587-591.	3.1	5
113	A Cost-Effective Growth of SiO ₂ Thin Films by Reactive Sputtering: Photoluminescence Tuning. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 3684-3687.	0.9	5
114	PROXIMITY EFFECTS AND CURIE TEMPERATURE ENHANCEMENT IN Co/EuS AND Fe/EuS MULTILAYERS. <i>Spin</i> , 2012, 02, 1250016.	1.3	5
115	Induced Magnetic Moments of 4d and 5d Elements in Thin Films and Multilayers by X-Ray Magnetic Circular Dichroism. <i>Journal of Surfaces and Interfaces of Materials</i> , 2014, 2, 8-13.	0.5	5
116	Nanocrystalline thin titanium films grown on potassium bromide single crystals. <i>Thin Solid Films</i> , 1998, 319, 140-143.	1.8	4
117	Evidence for domain formation in ultrathin Ni/Cu(001) films near the Curie temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 1225-1226.	2.3	4
118	Absolute determination of the magnetic moments of Co monolayers: a combination of UHV magnetometries. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 1570-1572.	2.3	4
119	Temperature-Dependent Magnetizations and Anisotropies in Pd/Ni Multilayers. <i>Physica Status Solidi A</i> , 2002, 189, 717-720.	1.7	4
120	Electromagnetic waves penetration and magnetic properties of AgPt/Co nanostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 317, 15-19.	2.3	4
121	Nanolithographic Templates Using Diblock Copolymer Films on Chemically Heterogeneous Substrates. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6056-6061.	0.9	4
122	Naturally Produced Co/CoO Nanocrystalline Magnetic Multilayers: Structure and Inverted Hysteresis. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 4960-4967.	0.9	4
123	Growth, Magnetic Anisotropies and Exchange Bias of Thin Ni _{0.95} Fe _{0.05} /NiFeO Multilayers. <i>Coatings</i> , 2022, 12, 627.	2.6	4
124	Do Exchange Coupled Ferromagnetic Monolayers Show Different Curie Temperatures?. <i>Physica Status Solidi A</i> , 1999, 173, 153-158.	1.7	3
125	Temperature-dependent magnetic EXAFS investigation of Gd. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 1426-1429.	1.6	3
126	Magnetic EXAFS at Gd L-edges: the spin-pair-distribution function of Gd neighbors. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 419-421.	2.4	3

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127	Curie Temperature and Critical Exponent ν in a Fe ₂ /V ₅ Superlattice. <i>Physica Status Solidi A</i> , 2002, 189, 363-366.	1.7	3
128	Giant magnetoresistance response in Ag/Cu multilayers and nanoparticles. <i>Sensors and Actuators A: Physical</i> , 2003, 106, 91-95.	4.1	3
129	EFFECTS OF TRANSITION-METAL ELEMENT ADDITION ON THE STABILITY OF THE SUPERSATURATED Ag/Cu SOLID SOLUTION BY MECHANICAL ALLOYING. <i>International Journal of Modern Physics B</i> , 2003, 17, 6019-6029.	2.0	3
130	Element-specific hysteresis loops and the anisotropy of the orbital moment of Pt in Ni/Pt multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 317-318.	2.3	3
131	Paramagnetic gold in a highly disordered Au-Ni-O alloy. <i>Scientific Reports</i> , 2019, 9, 13137.	3.3	3
132	On the Localized Surface Plasmonic Resonances of AgPd Alloy Nanoparticles by Experiment and Theory. <i>Coatings</i> , 2021, 11, 893.	2.6	3
133	Magnetic Aspects and Large Exchange Bias of Ni _{0.9} Co _{0.1} /NiCoO Multilayers. <i>Micro</i> , 2021, 1, 43-54.	2.0	3
134	Calculation of the Localized Surface Plasmon Resonances of Au Nanoparticles Embedded in NiO. <i>Solids</i> , 2022, 3, 55-65.	2.4	3
135	Influence of Pt-doping on structural, magnetic and magnetotransport properties of granular Ag-Co multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 240, 488-490.	2.3	2
136	Harmonics of the ac susceptibility in ultrathin film ferromagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1270-1271.	2.3	2
137	Measurements of the magnetoresistance effect in Co/Pt multilayers grown on patterned substrates. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E1323-E1325.	2.3	2
138	Heterogeneous magnetism in Fe-doped bulk-amorphous and nanostructured Pd-based alloys. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 015211.	1.8	2
139	Growth, Structure and Optical Properties of CuNi-Oxide Films for Nanophotonics and Photovoltaics. <i>Journal of Nano Research</i> , 2013, 25, 61-66.	0.8	2
140	Phase Transitions in Coupled Two-Dimensional Ferromagnetic Layers. <i>Lecture Notes in Physics</i> , 2001, , 283-296.	0.7	2
141	HREM Study of Ultra Thin Titanium Films. <i>Materials Research Society Symposia Proceedings</i> , 1997, 472, 391.	0.1	1
142	Ni/Pt multilayers: growth and magneto-optics. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 3324-3327.	0.8	1
143	Structural, Magnetic, and Magneto-Optical Properties of Nanocrystalline Face Centered Cubic Co ₇₀ Cr ₃₀ /Pt Multilayers with Perpendicular Magnetic Anisotropy. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 4278-4284.	0.9	1
144	Observation of Irregular Labyrinthine Magnetic Domains with Dendritic Edges in a Co-Rich CoCu Alloyed Film. <i>Journal of Surfaces and Interfaces of Materials</i> , 2013, 1, 93-96.	0.5	1

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145	Growth and Optical Properties of MoO ₃ Thin Films. Nano Hybrids and Composites, 0, 36, 1-12.	0.8	1
146	Temperature Dependence of Magnetic EXAFS for Rare Earth Elements. Physica Scripta, 2005, , 600.	2.5	0
147	Pt/Co multilayers: Interface effects at the monolayer limit. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 2302-2306.	1.8	0
148	CoCr/Pt multilayers with adjustable perpendicular anisotropy. Journal of Applied Physics, 2008, 103, .	2.5	0
149	Magnetic Force Microscopy on Co/Pt Multilayers. Solid State Phenomena, 0, 152-153, 241-244.	0.3	0
150	Tuning the Perpendicular Magnetic Anisotropy of Co-Based Layers in Multilayered Systems. Journal of Nanoscience and Nanotechnology, 2010, 10, 6082-6086.	0.9	0
151	A Simple Cost-Effective Sputtering-Based Method for Micropatterning and Materials Microstructuring. Journal of Nanoscience and Nanotechnology, 2010, 10, 6190-6194.	0.9	0
152	Microstructural Investigation of SiO _x Thin Films Grown by Reactive Sputtering on (001) Si Substrates. Journal of Nano Research, 2012, 17, 147-156.	0.8	0
153	Growth of polycrystalline Ag/Ni multilayers at room temperature. Thin Solid Films, 2014, 558, 184-188.	1.8	0
154	Room temperature spin-polarization of EuS by thin ferromagnetic multilayers. , 2015, , .		0
155	Nanostructure of Fe-C Alloys Prepared by Arc Melting in Vacuum. Journal of Nano Research, 2017, 45, 218-228.	0.8	0
156	Study of FeNi-L10 ordering via quasi equilibrium cooling process. MRS Communications, 0, , 1.	1.8	0
157	Experimentally Observed and Theoretically Simulated Inverted-Hysteresis Loops in Pd-Ni Multilayers. , 1997, , 529-532.		0
158	Instability of Perpendicular-Magnetization Hysteresis Features in Pt-Ni and Pd-[CoPd] Multilayers. , 1997, , 533-536.		0
159	Competitive Reactivity of Nitrogen and Oxygen with Nickel When an Argon/Air Mixture is Used as Sputtering Gas. Journal of Nanoscience and Nanotechnology, 2017, 17, 8842-8849.	0.9	0