Waldemar A A Macedo

List of Publications by Year
in descending order

134 papers	4,243 citations	136950 32 h-index	128289 60 g-index
135 all docs	135 docs citations	135 times ranked	6393 citing authors

#	Article	IF	Citations
1	Magnetism of Epitaxial fcc-Fe(100) Films on Cu(100) Investigatedin Situby Conversion-Electron MÃ¶ssbauer Spectroscopy in Ultrahigh Vacuum. Physical Review Letters, 1988, 61, 475-478.	7.8	241
2	Nanosized powders of NiZn ferrite: Synthesis, structure, and magnetism. Journal of Applied Physics, 2000, 87, 4352-4357.	2.5	235
3	Cubic versus Spherical Magnetic Nanoparticles: The Role of Surface Anisotropy. Journal of the American Chemical Society, 2008, 130, 13234-13239.	13.7	226
4	Significant Dzyaloshinskiiâ€“Moriya interaction at grapheneâ€“ferromagnet interfaces due to the Rashba effect. Nature Materials, 2018, 17, 605-609.	27.5	188
5	Cr-containing magnetites Fe3â^'xCrxO4: The role of Cr3+ and Fe2+ on the stability and reactivity towards H2O2 reactions. Applied Catalysis A: General, 2007, 332, 115-123.	4.3	156
6	Efficient use of Fe metal as an electron transfer agent in a heterogeneous Fenton system based on Fe0/Fe3O4 composites. Chemosphere, 2005, 60, 1118-1123.	8.2	154
7	High- and Low-Temperature Crystal and Magnetic Structures of Îµ-Fe2O3and Their Correlation to Its Magnetic Properties. Chemistry of Materials, 2006, 18, 3889-3897.	6.7	150
8	Nanostructured ferrites: Structural analysis and catalytic activity. Ceramics International, 2012, 38, 2225-2231.	4.8	141
9	Structure and magnetic properties of nanostructured Ni-ferrite. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1379-1381.	2.3	107
10	One-pot synthesis of amine-functionalized graphene oxide by microwave-assisted reactions: an outstanding alternative for supporting materials in supercapacitors. RSC Advances, 2018, 8, 6136-6145.	3.6	93
11	Effect of anisotropy on the critical antiferromagnet thickness in exchange-biased bilayers. Physical Review B, 2002, 66, .	3.2	90
12	A study of nanocrystalline NiZn-ferriteâ€“SiO2 synthesized by solâ€“gel. Journal of Magnetism and Magnetic Materials, 1999, 192, 277-280.	2.3	88
13	Effect of surface ligands on the optical properties of aqueous soluble CdTe quantum dots. Nanoscale Research Letters, 2012, 7, 536.	5.7	88
14	Wasp-waisted behavior in magnetic hysteresis curves of CoFe₂O₄ nanopowder at a low temperature: experimental evidence and theoretical approach. RSC Advances, 2017, 7, 22187-22196.	3.6	84
15	Highly reactive species formed by interface reaction between Fe0â€“iron oxides particles: An efficient electron transfer system for environmental applications. Applied Catalysis A: General, 2006, 307, 195-204.	4.3	79
16	Tailoring the exchange bias via shape anisotropy in ferromagnetic/antiferromagnetic exchange-coupled systems. Physical Review B, 2003, 67, .	3.2	76
17	Origin of the large dispersion of magnetic properties in nanostructured oxides: Fe_xO/Fe₃O₄nanoparticles as a case study. Nanoscale, 2015, 7, 3002-3015.	5.6	76
18	Magneto-volume effects in Î³-Fe ultrathin films and small particles. Physica B: Condensed Matter, 1990, 161, 269-275.	2.7	63

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19	Structural and Surface Study of Praseodymium-Doped SnO₂ Nanoparticles Prepared by the Polymeric Precursor Method. Journal of Physical Chemistry C, 2015, 119, 8711-8717.	3.1	63
20	Comparative temporal analysis of multiwalled carbon nanotube oxidation reactions: Evaluating chemical modifications on true nanotube surface. Applied Surface Science, 2015, 357, 1015-1023.	6.1	63
21	Synthesis and characterization of 159 Gd-doped hydroxyapatite nanorods for bioapplications as theranostic systems. Materials Chemistry and Physics, 2016, 181, 301-311.	4.0	56
22	Mesoporous silica materials functionalized with folic acid: preparation, characterization and release profile study with methotrexate. Journal of Sol-Gel Science and Technology, 2016, 77, 186-204.	2.4	55
23	Exchange Bias and Asymmetric Reversal in Nanostructured Dot Arrays. Physical Review Letters, 2005, 94, 057203.	7.8	53
24	Hyaluronan/chitosan nanofilms assembled layer-by-layer and their antibacterial effect: A study using Staphylococcus aureus and Pseudomonas aeruginosa. Colloids and Surfaces B: Biointerfaces, 2016, 141, 499-506.	5.0	52
25	Mesoporous silicaâ€“magnetite nanocomposite synthesized by using a neutral surfactant. Nanotechnology, 2008, 19, 185603.	2.6	46
26	Magnetic properties of ultrathin epitaxial fcc-Fe(001) films on Cu(001) and Cu3Au(001). Journal of Magnetism and Magnetic Materials, 1991, 93, 552-556.	2.3	45
27	Enhanced Coercivity in Co-Rich Near-Stoichiometric CoxFe3-xO4+Î´ Nanoparticles Prepared in Large Batches. Chemistry of Materials, 2007, 19, 4957-4963.	6.7	43
28	Chitosan grafted into mesoporous silica nanoparticles as benznidazol carrier for Chagas diseases treatment. Microporous and Mesoporous Materials, 2018, 272, 265-275.	4.4	40
29	Changes in ferromagnetic spin structure induced by exchange bias in Fe/MnF2films. Physical Review B, 2004, 70, .	3.2	38
30	Magnetic properties of nanoscale crystalline maghemite obtained by a new synthetic route. Journal of Magnetism and Magnetic Materials, 2012, 324, 3029-3033.	2.3	38
31	Catalytic oxidation of aqueous sulfide in the presence of ferrites (MFe2O4, M=Fe, Cu, Co). Catalysis Today, 2016, 259, 222-227.	4.4	34
32	Direct Synthesis of Isolated L10 FePt Nanoparticles in a Robust TiO2 Matrix via a Combined Solâ€“Gel/Pyrolysis Route. Advanced Materials, 2006, 18, 466-470.	21.0	33
33	Effect of the thickness reduction on the structural, surface and magnetic properties of Î±-Fe2O3 thin films. Thin Solid Films, 2016, 607, 50-54.	1.8	32
34	NiO Nanoparticles Dispersed in Mesoporous Silica Glass. Journal of Physical Chemistry C, 2010, 114, 18773-18778.	3.1	31
35	Amphiphilic magnetic composites based on layered vermiculite and fibrous chrysotile with carbon nanostructures: Application in catalysis. Catalysis Today, 2012, 190, 133-143.	4.4	30
36	Measurement of iron self-diffusion in hematite single crystals by secondary ion-mass spectrometry (SIMS) and comparison with cation self-diffusion in corundum-structure oxides. Philosophical Magazine, 2005, 85, 3643-3658.	1.6	29

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37	About the Role of Chromium and Oxygen Ion Diffusion on the Growth Mechanism of Oxidation Films of the AISI 304 Austenitic Stainless Steel. Oxidation of Metals, 2012, 78, 211-220.	2.1	29
38	Magneto-volume effects of Î³-Fe precipitates in Cu and CuAl matrices. Physica B: Condensed Matter, 1990, 161, 281-284.	2.7	28
39	Attaching folic acid on hydroxyapatite nanorod surfaces: an investigation of the HAâ€“FA interaction. RSC Advances, 2016, 6, 76390-76400.	3.6	28
40	Synthesis and characterization of iron-PVA hydrogel microspheres and their use in the arsenic (V) removal from aqueous solution. Chemical Engineering Journal, 2012, 210, 432-443.	12.7	27
41	Fe doping effect on the structural, magnetic and surface properties of SnO₂nanoparticles prepared by a polymer precursor method. Journal Physics D: Applied Physics, 2016, 49, 155002.	2.8	27
42	Evidence of Cr³⁺ and Cr⁴⁺ Coexistence in Chromium-Doped SnO₂ Nanoparticles: A Structural and Magnetic Study. Journal of Physical Chemistry C, 2017, 121, 21670-21677.	3.1	26
43	Formation of Highly Reactive Species at the Interface FeÂ°â€“Iron Oxides Particles by Mechanical Alloying and Thermal Treatment: Potential Application in Environmental Remediation Processes. Chemistry Letters, 2005, 34, 1172-1173.	1.3	24
44	Direct measurement of depth-dependent Fe spin structure during magnetization reversal in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Fe</mml:mtext><mml:mo>/</mml:mo><mml:msub><mml:mrow><mml:mtext>MnF</mml:m bilayers. Physical Review B, 2008, 78, .	3.2	23
45	Washing effect on the structural and magnetic properties of NiFe 2 O 4 nanoparticles synthesized by chemical sol-gel method. Materials Chemistry and Physics, 2018, 213, 295-304.	4.0	23
46	Surface characterization of titanium Based dental implants. Brazilian Journal of Physics, 2006, 36, 1004-1008.	1.4	22
47	Magnetic Amphiphilic Composites Applied for the Treatment of Biodiesel Wastewaters. Applied Sciences (Switzerland), 2012, 2, 513-524.	2.5	22
48	Magnetic amphiphilic nanocomposites produced via chemical vapor deposition of CH4 on Feâ€“Mo/nano-Al2O3. Applied Catalysis A: General, 2013, 456, 126-134.	4.3	22
49	Efficient sensitive polymer-grafted boron nitride nanotubes by microwave-assisted process. Nano Structures Nano Objects, 2018, 15, 186-196.	3.5	22
50	Protection of normal cells from irradiation bystander effects by silica-flufenamic acid nanoparticles. Journal of Materials Science: Materials in Medicine, 2018, 29, 130.	3.6	22
51	Magnetoresistance of mechanically stable Co nanoconstrictions. Physical Review B, 2004, 70, .	3.2	21
52	Magnetic properties of Feâ€“Cu alloys prepared by pulsed electrodeposition. Journal of Applied Physics, 2009, 106, .	2.5	21
53	Boron nitride nanotubes radiolabeled with 153Sm and 159Gd: Potential application in nanomedicine. Applied Radiation and Isotopes, 2020, 157, 109032.	1.5	21
54	Structural and magnetic properties of NiFe2O4â€“SnO2 nanocomposite. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2211-2213.	2.3	20

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55	Preparation of PtSnO2/C electrocatalysts using electron beam irradiation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 175, 261-265.	3.5	20
56	Antibacterial and non-cytotoxic ultra-thin polyethylenimine film. Materials Science and Engineering C, 2017, 71, 718-724.	7.3	20
57	Synthesis and characterization of nanocomposites consisting of polyaniline, chitosan and tin dioxide. Materials Chemistry and Physics, 2018, 216, 402-412.	4.0	20
58	Synthesis of granular FeAl2O3 by the sol-gel method. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 247-248.	2.3	19
59	Incorporation, Oxidation and Pyrolysis of Ferrocene into Porous Silica Glass:Â a Route to Different Silica/Carbon and Silica/Iron Oxide Nanocomposites. Inorganic Chemistry, 2006, 45, 10642-10650.	4.0	19
60	Combining mesoporous silicaâ€“magnetite and thermally-sensitive polymers for applications in hyperthermia. Journal of Sol-Gel Science and Technology, 2014, 72, 208-218.	2.4	19
61	Fe-doping effects on the structural, vibrational, magnetic, and electronic properties of ceria nanoparticles. Journal of Applied Physics, 2017, 122, .	2.5	19
62	Observation of magnons in Mn2Au films by inelastic Brillouin and Raman light scattering. Applied Physics Letters, 2017, 111, .	3.3	19
63	Tailoring the physical and chemical properties of Sn_{1â^'x}Co_xO₂ nanoparticles: an experimental and theoretical approach. Physical Chemistry Chemical Physics, 2020, 22, 3702-3714.	2.8	19
64	Magnetism of atomically thin fcc Fe overlayers on an expanded fcc lattice:Cu84Al16(100). Physical Review B, 1998, 58, 11534-11538.	3.2	18
65	Î³ -Fe 2 O 3 nanoparticles dispersed in porous Vycor glass: A magnetically diluted integrated system. Journal of Applied Physics, 2009, 105, .	2.5	18
66	On the nature of the room temperature ferromagnetism in nanoparticulate co-doped ZnO thin films prepared by EB-PVD. Journal of Alloys and Compounds, 2017, 695, 2682-2688.	5.5	18
67	Structure, magnetism and magnetic induction heating of Ni x Co (1-x) Fe 2 O 4 nanoparticles. Journal of Alloys and Compounds, 2018, 758, 247-255.	5.5	18
68	Tuning the Magnetic Properties of FeCo Thin Films through the Magnetoelastic Effect Induced by the Au Underlayer Thickness. ACS Applied Materials & Interfaces, 2019, 11, 1529-1537.	8.0	18
69	Investigation of the solid state reaction of LaMnO3 with FeÂº and its effect on the catalytic reactions with H2O2. Journal of the Brazilian Chemical Society, 2007, 18, .	0.6	17
70	Ion Diffusion Study in the Oxide Layers Due to Oxidation of AISI 439 Ferritic Stainless Steel. Oxidation of Metals, 2014, 81, 407-419.	2.1	17
71	Morphology, structure, and magnetism of FeCo thin films electrodeposited on hydrogen-terminated Si(111) surfaces. Journal of Colloid and Interface Science, 2007, 316, 510-516.	9.4	16
72	Usage of the solâ€“gel process on the fabrication of macroporous adsorbent activated-gamma alumina spheres. Microporous and Mesoporous Materials, 2009, 120, 228-238.	4.4	16

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73	Four-fold magnetic anisotropy in a Co film on MgO(001). Journal of Magnetism and Magnetic Materials, 2011, 323, 789-793.	2.3	16
74	Tuning giant magnetoresistance in rolled-up Coâ€“Cu nanomembranes by strain engineering. Nanoscale, 2012, 4, 7155.	5.6	16
75	Growth, structure, and magnetic properties of epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ni</mml:mtext></mml:mrow><mml:mi>x</mml:mi></mml:msub> layers and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Co</mml:mtext></mml:mrow> Physical Review B, 2010, 82, .	3.2	14
76	Functionalized-radiolabeled hydroxyapatite/tenorite nanoparticles as theranostic agents for osteosarcoma. Ceramics International, 2018, 44, 17800-17811.	4.8	14
77	Modifying internal organization and surface morphology of siRNA lipoplexes by sodium alginate addition for efficient siRNA delivery. Journal of Colloid and Interface Science, 2019, 540, 342-353.	9.4	14
78	Structure and magnetic properties of granular NiZn-ferrite - SiO2. Materials Research, 1999, 2, 235-238.	1.3	13
79	Structure and magnetism of granular Feâ€“Al2O3. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1861-1863.	2.3	13
80	Effect of temperature on the electrochemical synthesis of MnO 2 recycled from spent Znâ€“MnO 2 alkaline batteries and application of recycled MnO 2 as electrochemical pseudocapacitors. Materials Chemistry and Physics, 2017, 196, 126-136.	4.0	13
81	Surface structure determination of Pd ultrathin films on Ru(0001): Possible magnetic behavior. Physical Review B, 2007, 76, .	3.2	12
82	Magnetic adsorbent based on cobalt core nanoparticles coated with carbon filaments and nanotubes produced by chemical vapor deposition with ethanol. Chemical Engineering Journal, 2013, 229, 35-41.	12.7	12
83	MÃ¶ssbauer spectroscopical investigation of the exchange biased Fe/MnF2 interface. Hyperfine Interactions, 2007, 169, 1371-1377.	0.5	11
84	Structural analysis of fluorineâ€‘containing bioactive glass nanoparticles synthesized by solâ€“gel route assisted by ultrasound energy. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 360-366.	3.4	11
85	BNNT/Fe₃O₄ System as an Efficient Tool for Magnetohyperthermia Therapy. Journal of Nanoscience and Nanotechnology, 2018, 18, 6746-6755.	0.9	11
86	Time domain dynamics of the asymmetric magnetization reversal in exchange biased bilayers. Physical Review B, 2005, 71, .	3.2	10
87	Structural and MÃ¶ssbauer investigation on barium titanateâ€“cobalt ferrite composites. Journal of Physics and Chemistry of Solids, 2012, 73, 1362-1371.	4.0	10
88	Noncollinear ferromagnetic easy axes in Py/Ru/FeCo/IrMn spin valves induced by oblique deposition. Applied Physics Letters, 2014, 104, .	3.3	10
89	ZnO thin films design: the role of precursor molarity in the spray pyrolysis process. Journal of Materials Science: Materials in Electronics, 2020, 31, 17269-17280.	2.2	10
90	New high-resolution electrostatic electron spectrometer for conversion electron MÃ¶ssbauer spectroscopy. Hyperfine Interactions, 1994, 92, 1221-1226.	0.5	8

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91	Setting temperature effect in polycrystalline exchange-biased IrMn/CoFe bilayers. Journal of Applied Physics, 2013, 113, 17D704.	2.5	8
92	Out-of-plane magnetic anisotropy in columnar grown Feâ€“Ni films. Journal of Physics and Chemistry of Solids, 2014, 75, 1124-1131.	4.0	8
93	Decarboxylation of Oxidized Single-Wall Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2007, 7, 3421-3430.	0.9	7
94	A new theranostic system for bone disorders: Functionalized folate-MDP hydroxyapatite nanoparticles with radiolabeled copper-64. Materials Chemistry and Physics, 2020, 254, 123265.	4.0	7
95	Magnetic linear dichroism in photoemission from Fe on Cu84Al16(1 0 0) and Cu3Au(1 0 0). Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1262-1264.	2.3	6
96	A 119Sn MÃ¶ssbauer Study of Tin(IV) Complexes of 2- and 4-Benzoylpyridine Thiosemicarbazone and 4-Benzoylpyridine Semicarbazone. Hyperfine Interactions, 2005, 163, 89-94.	0.5	6
97	Synthesis and density functional calculations of the new molecule-based magnet precursor [Fe(H2opba-i)(dmso)2]Cl. Journal of the Brazilian Chemical Society, 2006, 17, 1534-1539.	0.6	6
98	LaFe xMn yMo zO 3 catalysts for the oxidation of volatile aromatic organic contaminants. Journal of the Brazilian Chemical Society, 2007, 18, 1524-1530.	0.6	6
99	In-plane magnetic anisotropies in Ni/FeMn and Ni90Fe10/FeMn exchange biased bilayers. Journal of Physics and Chemistry of Solids, 2007, 68, 2398-2404.	4.0	6
100	Strengthening of a Polyurethane Matrix by Luffa Cylindrica Treated with TDI: Water Absorption and Mechanical Properties. Journal of Polymers and the Environment, 2018, 26, 2514-2521.	5.0	6
101	Surface modification and biological evaluation of kojic acid/silica nanoparticles as platforms for biomedical systems. International Journal of Applied Ceramic Technology, 2020, 17, 380-391.	2.1	6
102	Micro Scalable Graphene Oxide Productions Using Controlled Parameters in Bench Reactor. Nanomaterials, 2021, 11, 1975.	4.1	6
103	Growth, structure, and magnetic properties of Fe monolayers on Cu84Al16(100). Journal of Applied Physics, 2001, 89, 6680-6682.	2.5	5
104	Magnetic properties of electrodeposited Fe-poor Fe-Cu alloys. Brazilian Journal of Physics, 2009, 39, 182-185.	1.4	5
105	Characterization of iron in airborne particulate matter. Hyperfine Interactions, 2014, 224, 109-119.	0.5	5
106	Characterization of Feâ€“Nb sputtered thin films. Journal of Physics and Chemistry of Solids, 2015, 86, 36-41.	4.0	5
107	First Study of Iron Self-Diffusion in Fe₂O₃ Single Crystals by SIMS. Defect and Diffusion Forum, 2005, 237-240, 277-281.	0.4	4
108	Exchange bias in Fe/EuTe(111) bilayers. Journal of Applied Physics, 2007, 102, 033908.	2.5	4

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109	Depth-resolved studies of layered magnetic nanostructures using 57Fe probe layers and MÃ¶ssbauer spectroscopy. Journal of Magnetism and Magnetic Materials, 2014, 368, 402-408.	2.3	4
110	Chemical order and magnetic anisotropy in alternate Fe/Co monolayers on Cu₃Au(001). AIP Advances, 2018, 8, 115307.	1.3	4
111	Synthesis and characterization of gold nanorods coated by mesoporous silica MCM-41 as a platform for bioapplication in photohyperthermia. Nanotechnology, 2021, 32, 505720.	2.6	4
112	MÃ¶ssbauer characterization of biotites from zoned pegmatites. Hyperfine Interactions, 1994, 83, 483-487.	0.5	3
113	High coercivity in a new molecular iron-based magnet. Polyhedron, 2001, 20, 1431-1434.	2.2	3
114	Microwave radiation-assisted covalent functionalization of boron nitride nanotubes and their grafting with cationic thermo and pH-sensitive hydrogel. Applied Nanoscience (Switzerland), 2021, 11, 505-520.	3.1	3
115	Structural change and heteroepitaxy induced by rapid thermal annealing of CaF2 films on Si(111). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 2437-2441.	2.1	2
116	Structural and Magnetic Properties of Fe on Cu84Al16(100). Physica Status Solidi A, 2002, 189, 269-275.	1.7	2
117	GMR in Granular CuFe with a Face Centered Tetragonal Structure of Iron. Physica Status Solidi A, 2002, 189, 677-684.	1.7	2
118	Growth and morphology of ultra-thin Ni films on Pd(100). Microelectronics Journal, 2008, 39, 1229-1230.	2.0	2
119	A combined LEED and DFT surface structure determination of Cu3Au(001): Evidence of a surface stacking fault. Surface Science, 2013, 618, 167-172.	1.9	2
120	Oxidation states of iron as an indicator of the techniques used to burn clays and handcraft archaeological Tupiguarani ceramics by ancient human groups in Minas Gerais, Brazil. Hyperfine Interactions, 2014, 224, 121-129.	0.5	2
121	A photoemission spectroscopy study of the initial oxidation of epitaxial fcc and bcc Fe films grown on Cu(100). Thin Solid Films, 2017, 636, 567-572.	1.8	2
122	Antibacterial effect of hyaluronan/chitosan nanofilm in the initial adhesion of Pseudomonas aeruginosa wild type, and IV pili and LPS mutant strains. Surfaces and Interfaces, 2021, 26, 101415.	3.0	2
123	Plasma nitrogenation of Pr2Fe17 and Sm2Fe17. Journal of Applied Physics, 2000, 87, 5320-5322.	2.5	1
124	Hard molecule-based magnet of Fe. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 2028-2030.	2.3	1
125	In situ magneto-optical Kerr effect study of uncovered Fe films on ZnSe(001). Journal of Magnetism and Magnetic Materials, 2005, 294, e105-e109.	2.3	1
126	Magnetism of epitaxial FexNi1â^'x films on Cu90Au10(100). Journal of Magnetism and Magnetic Materials, 2007, 310, 2274-2276.	2.3	1

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127	Uniaxial in-plane magnetization of iron nanolayers grown within an amorphous matrix. Applied Physics Letters, 2014, 105, 073102.	3.3	1
128	Induced magnetization in Cu atoms at the Fe-Co/Cu3Au(001) interface: X-ray magnetic circular dichroism experiments and theoretical results. Applied Surface Science, 2021, 548, 149215.	6.1	1
129	MÃ¶ssbauer spectroscopical investigation of the exchange biased Fe/MnF2 interface. , 2006, , 1371-1377.		1
130	Nickel- and Cobalt-doped magnetite as catalysts on the oxidation of CO. , 2002, , 345-349.		1
131	Depth-selective conversion-electron MÃ¶ssbauer spectroscopy (DCEMS): Effect of low-temperature Ar-ion bombardment on iron-surface layers. Nuclear Instruments & Methods in Physics Research B, 1997, 129, 474-482.	1.4	0
132	Annealing Effects on Nanoscratch Behavior of CaF2 Thin Films Growth on Si(111). Materials Research Society Symposia Proceedings, 1998, 522, 457.	0.1	0
133	Fe-Al2O3 Nanocomposite: Synthesis and Magnetic Properties. Materials Research Society Symposia Proceedings, 1999, 581, 333.	0.1	0
134	The effect of atmosphere composition in plasma nitrogenation of Sm2Fe17. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1859-E1861.	2.3	0