

Waldemar A A Macedo

List of Publications by Year in descending order

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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	Microwave radiation-assisted covalent functionalization of boron nitride nanotubes and their grafting with cationic thermo and pH-sensitive hydrogel. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 505-520.	3.1	3
2	Induced magnetization in Cu atoms at the Fe-Co/Cu ₃ Au(001) interface: X-ray magnetic circular dichroism experiments and theoretical results. <i>Applied Surface Science</i> , 2021, 548, 149215.	6.1	1
3	Micro Scalable Graphene Oxide Productions Using Controlled Parameters in Bench Reactor. <i>Nanomaterials</i> , 2021, 11, 1975.	4.1	6
4	Synthesis and characterization of gold nanorods coated by mesoporous silica MCM-41 as a platform for bioapplication in photohyperthermia. <i>Nanotechnology</i> , 2021, 32, 505720.	2.6	4
5	Antibacterial effect of hyaluronan/chitosan nanofilm in the initial adhesion of <i>Pseudomonas aeruginosa</i> wild type, and IV pili and LPS mutant strains. <i>Surfaces and Interfaces</i> , 2021, 26, 101415.	3.0	2
6	Surface modification and biological evaluation of kojic acid/silica nanoparticles as platforms for biomedical systems. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 380-391.	2.1	6
7	Boron nitride nanotubes radiolabeled with ¹⁵³ Sm and ¹⁵⁹ Gd: Potential application in nanomedicine. <i>Applied Radiation and Isotopes</i> , 2020, 157, 109032.	1.5	21
8	ZnO thin films design: the role of precursor molarity in the spray pyrolysis process. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 17269-17280.	2.2	10
9	A new theranostic system for bone disorders: Functionalized folate-MDP hydroxyapatite nanoparticles with radiolabeled copper-64. <i>Materials Chemistry and Physics</i> , 2020, 254, 123265.	4.0	7
10	Tailoring the physical and chemical properties of Sn _{1-x} Co _x O ₂ nanoparticles: an experimental and theoretical approach. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 3702-3714.	2.8	19
11	Modifying internal organization and surface morphology of siRNA lipoplexes by sodium alginate addition for efficient siRNA delivery. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 342-353.	9.4	14
12	Tuning the Magnetic Properties of FeCo Thin Films through the Magnetoelastic Effect Induced by the Au Underlayer Thickness. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1529-1537.	8.0	18
13	Washing effect on the structural and magnetic properties of NiFe ₂ O ₄ nanoparticles synthesized by chemical sol-gel method. <i>Materials Chemistry and Physics</i> , 2018, 213, 295-304.	4.0	23
14	One-pot synthesis of amine-functionalized graphene oxide by microwave-assisted reactions: an outstanding alternative for supporting materials in supercapacitors. <i>RSC Advances</i> , 2018, 8, 6136-6145.	3.6	93
15	Structural analysis of fluorine-containing bioactive glass nanoparticles synthesized by sol-gel route assisted by ultrasound energy. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 360-366.	3.4	11
16	Efficient sensitive polymer-grafted boron nitride nanotubes by microwave-assisted process. <i>Nano Structures Nano Objects</i> , 2018, 15, 186-196.	3.5	22
17	Strengthening of a Polyurethane Matrix by <i>Luffa Cylindrica</i> Treated with TDI: Water Absorption and Mechanical Properties. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2514-2521.	5.0	6
18	Chemical order and magnetic anisotropy in alternate Fe/Co monolayers on Cu ₃ Au(001). <i>AIP Advances</i> , 2018, 8, 115307.	1.3	4

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19	BNNT/Fe ₃ O ₄ System as an Efficient Tool for Magnetohyperthermia Therapy. Journal of Nanoscience and Nanotechnology, 2018, 18, 6746-6755.	0.9	11
20	Significant Dzyaloshinskiiâ€Moriya interaction at grapheneâ€ferromagnet interfaces due to the Rashba effect. Nature Materials, 2018, 17, 605-609.	27.5	188
21	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
22	Chitosan grafted into mesoporous silica nanoparticles as benzimidazol carrier for Chagas diseases treatment. Microporous and Mesoporous Materials, 2018, 272, 265-275.	4.4	40
23	Functionalized-radiolabeled hydroxyapatite/tenorite nanoparticles as theranostic agents for osteosarcoma. Ceramics International, 2018, 44, 17800-17811.	4.8	14
24	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
25	Synthesis and characterization of nanocomposites consisting of polyaniline, chitosan and tin dioxide. Materials Chemistry and Physics, 2018, 216, 402-412.	4.0	20
26	Wasp-waisted behavior in magnetic hysteresis curves of CoFe ₂ O ₄ nanopowder at a low temperature: experimental evidence and theoretical approach. RSC Advances, 2017, 7, 22187-22196.	3.6	84
27	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
28	Evidence of Cr ³⁺ and Cr ⁴⁺ Coexistence in Chromium-Doped SnO ₂ Nanoparticles: A Structural and Magnetic Study. Journal of Physical Chemistry C, 2017, 121, 21670-21677.	3.1	26
29	Fe-doping effects on the structural, vibrational, magnetic, and electronic properties of ceria nanoparticles. Journal of Applied Physics, 2017, 122, .	2.5	19
30	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
31	Antibacterial and non-cytotoxic ultra-thin polyethylenimine film. Materials Science and Engineering C, 2017, 71, 718-724.	7.3	20
32	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
33	Observation of magnons in Mn ₂ Au films by inelastic Brillouin and Raman light scattering. Applied Physics Letters, 2017, 111, .	3.3	19
34	Effect of the thickness reduction on the structural, surface and magnetic properties of δ -Fe ₂ O ₃ thin films. Thin Solid Films, 2016, 607, 50-54.	1.8	32
35	Fe doping effect on the structural, magnetic and surface properties of SnO ₂ nanoparticles prepared by a polymer precursor method. Journal Physics D: Applied Physics, 2016, 49, 155002.	2.8	27
36	Attaching folic acid on hydroxyapatite nanorod surfaces: an investigation of the HAâ€FA interaction. RSC Advances, 2016, 6, 76390-76400.	3.6	28

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37	Synthesis and characterization of 159 Gd-doped hydroxyapatite nanorods for bioapplications as theranostic systems. <i>Materials Chemistry and Physics</i> , 2016, 181, 301-311.	4.0	56
38	Hyaluronan/chitosan nanofilms assembled layer-by-layer and their antibacterial effect: A study using <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 499-506.	5.0	52
39	Mesoporous silica materials functionalized with folic acid: preparation, characterization and release profile study with methotrexate. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 77, 186-204.	2.4	55
40	Catalytic oxidation of aqueous sulfide in the presence of ferrites (MFe ₂ O ₄ , M=Fe, Cu, Co). <i>Catalysis Today</i> , 2016, 259, 222-227.	4.4	34
41	Characterization of Fe-Nb sputtered thin films. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 86, 36-41.	4.0	5
42	Origin of the large dispersion of magnetic properties in nanostructured oxides: Fe _x O/Fe ₃ O ₄ nanoparticles as a case study. <i>Nanoscale</i> , 2015, 7, 3002-3015.	5.6	76
43	Structural and Surface Study of Praseodymium-Doped SnO ₂ Nanoparticles Prepared by the Polymeric Precursor Method. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8711-8717.	3.1	63
44	Comparative temporal analysis of multiwalled carbon nanotube oxidation reactions: Evaluating chemical modifications on true nanotube surface. <i>Applied Surface Science</i> , 2015, 357, 1015-1023.	6.1	63
45	Uniaxial in-plane magnetization of iron nanolayers grown within an amorphous matrix. <i>Applied Physics Letters</i> , 2014, 105, 073102.	3.3	1
46	Out-of-plane magnetic anisotropy in columnar grown Fe-Ni films. <i>Journal of Physics and Chemistry of Solids</i> , 2014, 75, 1124-1131.	4.0	8
47	Depth-resolved studies of layered magnetic nanostructures using 57Fe probe layers and Mössbauer spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 368, 402-408.	2.3	4
48	Characterization of iron in airborne particulate matter. <i>Hyperfine Interactions</i> , 2014, 224, 109-119.	0.5	5
49	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. <i>Hyperfine Interactions</i> , 2014, 224, 121-129.	0.5	2
50	Ion Diffusion Study in the Oxide Layers Due to Oxidation of AISI 439 Ferritic Stainless Steel. <i>Oxidation of Metals</i> , 2014, 81, 407-419.	2.1	17
51	Combining mesoporous silica-magnetite and thermally-sensitive polymers for applications in hyperthermia. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 208-218.	2.4	19
52	Noncollinear ferromagnetic easy axes in Py/Ru/FeCo/IrMn spin valves induced by oblique deposition. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	10
53	Magnetic adsorbent based on cobalt core nanoparticles coated with carbon filaments and nanotubes produced by chemical vapor deposition with ethanol. <i>Chemical Engineering Journal</i> , 2013, 229, 35-41.	12.7	12
54	A combined LEED and DFT surface structure determination of Cu ₃ Au(001): Evidence of a surface stacking fault. <i>Surface Science</i> , 2013, 618, 167-172.	1.9	2

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55	Magnetic amphiphilic nanocomposites produced via chemical vapor deposition of CH ₄ on Fe ³⁺ /Mo/nano-Al ₂ O ₃ . Applied Catalysis A: General, 2013, 456, 126-134.	4.3	22
56	Setting temperature effect in polycrystalline exchange-biased IrMn/CoFe bilayers. Journal of Applied Physics, 2013, 113, 17D704.	2.5	8
57	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
58	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
59	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
60	Structural and Mössbauer investigation on barium titanate-cobalt ferrite composites. Journal of Physics and Chemistry of Solids, 2012, 73, 1362-1371.	4.0	10
61	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
62	Effect of surface ligands on the optical properties of aqueous soluble CdTe quantum dots. Nanoscale Research Letters, 2012, 7, 536.	5.7	88
63	Tuning giant magnetoresistance in rolled-up Co-Cu nanomembranes by strain engineering. Nanoscale, 2012, 4, 7155.	5.6	16
64	Magnetic Amphiphilic Composites Applied for the Treatment of Biodiesel Wastewaters. Applied Sciences (Switzerland), 2012, 2, 513-524.	2.5	22
65	Nanostructured ferrites: Structural analysis and catalytic activity. Ceramics International, 2012, 38, 2225-2231.	4.8	141
66	Four-fold magnetic anisotropy in a Co film on MgO(001). Journal of Magnetism and Magnetic Materials, 2011, 323, 789-793.	2.3	16
67	Preparation of PtSnO ₂ /C electrocatalysts using electron beam irradiation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 175, 261-265.	3.5	20
68	NiO Nanoparticles Dispersed in Mesoporous Silica Glass. Journal of Physical Chemistry C, 2010, 114, 18773-18778.	3.1	31
69	Growth, structure, and magnetic properties of epitaxial Ni _{1-x} Co _x layers and Co _{1-x} Ni _x layers. Physical Review B, 2010, 82, .		
70	Magnetic properties of electrodeposited Fe-poor Fe-Cu alloys. Brazilian Journal of Physics, 2009, 39, 182-185.	1.4	5
71	Usage of the sol-gel process on the fabrication of macroporous adsorbent activated-gamma alumina spheres. Microporous and Mesoporous Materials, 2009, 120, 228-238.	4.4	16
72	Fe ₂ O ₃ nanoparticles dispersed in porous Vycor glass: A magnetically diluted integrated system. Journal of Applied Physics, 2009, 105, .	2.5	18

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73	Magnetic properties of Fe-Cu alloys prepared by pulsed electrodeposition. Journal of Applied Physics, 2009, 106, .	2.5	21
74	Growth and morphology of ultra-thin Ni films on Pd(100). Microelectronics Journal, 2008, 39, 1229-1230.	2.0	2
75	Cubic versus Spherical Magnetic Nanoparticles: The Role of Surface Anisotropy. Journal of the American Chemical Society, 2008, 130, 13234-13239.	13.7	226
76	Mesoporous silica-magnetite nanocomposite synthesized by using a neutral surfactant. Nanotechnology, 2008, 19, 185603.	2.6	46
77	Direct measurement of depth-dependent Fe spin structure during magnetization reversal in $Fe_{1-x}Mn_x$ bilayers. Physical Review B. 2008, 78, .	3.2	23
78	Decarboxylation of Oxidized Single-Wall Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2007, 7, 3421-3430.	0.9	7
79	Exchange bias in Fe/EuTe(111) bilayers. Journal of Applied Physics, 2007, 102, 033908.	2.5	4
80	Surface structure determination of Pd ultrathin films on Ru(0001): Possible magnetic behavior. Physical Review B, 2007, 76, .	3.2	12
81	Enhanced Coercivity in Co-Rich Near-Stoichiometric $Co_xFe_{3-x}O_4$ Nanoparticles Prepared in Large Batches. Chemistry of Materials, 2007, 19, 4957-4963.	6.7	43
82	LaFe _x Mn _y Mo _z O ₃ catalysts for the oxidation of volatile aromatic organic contaminants. Journal of the Brazilian Chemical Society, 2007, 18, 1524-1530.	0.6	6
83	Investigation of the solid state reaction of LaMnO ₃ with Fe ²⁺ and its effect on the catalytic reactions with H ₂ O ₂ . Journal of the Brazilian Chemical Society, 2007, 18, .	0.6	17
84	Cr-containing magnetites Fe _{3-x} Cr _x O ₄ : The role of Cr ³⁺ and Fe ²⁺ on the stability and reactivity towards H ₂ O ₂ reactions. Applied Catalysis A: General, 2007, 332, 115-123.	4.3	156
85	Magnetism of epitaxial Fe _x Ni _{1-x} films on Cu ₉₀ Au ₁₀ (100). Journal of Magnetism and Magnetic Materials, 2007, 310, 2274-2276.	2.3	1
86	In-plane magnetic anisotropies in Ni/FeMn and Ni ₉₀ Fe ₁₀ /FeMn exchange biased bilayers. Journal of Physics and Chemistry of Solids, 2007, 68, 2398-2404.	4.0	6
87	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
88	Mössbauer spectroscopical investigation of the exchange biased Fe/MnF ₂ interface. Hyperfine Interactions, 2007, 169, 1371-1377.	0.5	11
89	Incorporation, Oxidation and Pyrolysis of Ferrocene into Porous Silica Glass: A Route to Different Silica/Carbon and Silica/Iron Oxide Nanocomposites. Inorganic Chemistry, 2006, 45, 10642-10650.	4.0	19
90	Surface characterization of titanium Based dental implants. Brazilian Journal of Physics, 2006, 36, 1004-1008.	1.4	22

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91	Synthesis and density functional calculations of the new molecule-based magnet precursor [Fe(H ₂ opba-i)(dmsol) ₂]Cl. Journal of the Brazilian Chemical Society, 2006, 17, 1534-1539.	0.6	6
92	High- and Low-Temperature Crystal and Magnetic Structures of μ -Fe ₂ O ₃ and Their Correlation to Its Magnetic Properties. Chemistry of Materials, 2006, 18, 3889-3897.	6.7	150
93	Highly reactive species formed by interface reaction between FeO ²⁺ iron oxides particles: An efficient electron transfer system for environmental applications. Applied Catalysis A: General, 2006, 307, 195-204.	4.3	79
94	Direct Synthesis of Isolated L10 FePt Nanoparticles in a Robust TiO ₂ Matrix via a Combined Sol-Gel/Pyrolysis Route. Advanced Materials, 2006, 18, 466-470.	21.0	33
95	Mössbauer spectroscopical investigation of the exchange biased Fe/MnF ₂ interface. , 2006, , 1371-1377.		1
96	Formation of Highly Reactive Species at the Interface Fe ²⁺ Iron Oxides Particles by Mechanical Alloying and Thermal Treatment: Potential Application in Environmental Remediation Processes. Chemistry Letters, 2005, 34, 1172-1173.	1.3	24
97	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
98	A ¹¹⁹ Sn Mössbauer Study of Tin(IV) Complexes of 2- and 4-Benzoylpyridine Thiosemicarbazone and 4-Benzoylpyridine Semicarbazone. Hyperfine Interactions, 2005, 163, 89-94.	0.5	6
99	Exchange Bias and Asymmetric Reversal in Nanostructured Dot Arrays. Physical Review Letters, 2005, 94, 057203.	7.8	53
100	Time domain dynamics of the asymmetric magnetization reversal in exchange biased bilayers. Physical Review B, 2005, 71, .	3.2	10
101	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
102	Efficient use of Fe metal as an electron transfer agent in a heterogeneous Fenton system based on Fe ₀ /Fe ₃ O ₄ composites. Chemosphere, 2005, 60, 1118-1123.	8.2	154
103	First Study of Iron Self-Diffusion in Fe ₂ O ₃ Single Crystals by SIMS. Defect and Diffusion Forum, 2005, 237-240, 277-281.	0.4	4
104	Magnetoresistance of mechanically stable Co nanoconstrictions. Physical Review B, 2004, 70, .	3.2	21
105	Changes in ferromagnetic spin structure induced by exchange bias in Fe/MnF ₂ films. Physical Review B, 2004, 70, .	3.2	38
106	The effect of atmosphere composition in plasma nitrogenation of Sm ₂ Fe ₁₇ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1859-E1861.	2.3	0
107	Structural and magnetic properties of NiFe ₂ O ₄ -SnO ₂ nanocomposite. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2211-2213.	2.3	20
108	Tailoring the exchange bias via shape anisotropy in ferromagnetic/antiferromagnetic exchange-coupled systems. Physical Review B, 2003, 67, .	3.2	76

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109	Effect of anisotropy on the critical antiferromagnet thickness in exchange-biased bilayers. <i>Physical Review B</i> , 2002, 66, .	3.2	90
110	Structural and Magnetic Properties of Fe on Cu ₈₄ Al ₁₆ (100). <i>Physica Status Solidi A</i> , 2002, 189, 269-275.	1.7	2
111	GMR in Granular CuFe with a Face Centered Tetragonal Structure of Iron. <i>Physica Status Solidi A</i> , 2002, 189, 677-684.	1.7	2
112	Nickel- and Cobalt-doped magnetite as catalysts on the oxidation of CO. , 2002, , 345-349.		1
113	High coercivity in a new molecular iron-based magnet. <i>Polyhedron</i> , 2001, 20, 1431-1434.	2.2	3
114	Structure and magnetism of granular Fe ϵ -Al ₂ O ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 1861-1863.	2.3	13
115	Structure and magnetic properties of nanostructured Ni-ferrite. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 1379-1381.	2.3	107
116	Hard molecule-based magnet of Fe. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 2028-2030.	2.3	1
117	Growth, structure, and magnetic properties of Fe monolayers on Cu ₈₄ Al ₁₆ (100). <i>Journal of Applied Physics</i> , 2001, 89, 6680-6682.	2.5	5
118	Plasma nitrogenation of Pr ₂ Fe ₁₇ and Sm ₂ Fe ₁₇ . <i>Journal of Applied Physics</i> , 2000, 87, 5320-5322.	2.5	1
119	Nanosized powders of NiZn ferrite: Synthesis, structure, and magnetism. <i>Journal of Applied Physics</i> , 2000, 87, 4352-4357.	2.5	235
120	Structure and magnetic properties of granular NiZn-ferrite - SiO ₂ . <i>Materials Research</i> , 1999, 2, 235-238.	1.3	13
121	A study of nanocrystalline NiZn-ferrite ϵ -SiO ₂ synthesized by sol ϵ -gel. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 192, 277-280.	2.3	88
122	Fe-Al ₂ O ₃ Nanocomposite: Synthesis and Magnetic Properties. <i>Materials Research Society Symposia Proceedings</i> , 1999, 581, 333.	0.1	0
123	Synthesis of granular FeAl ₂ O ₃ by the sol-gel method. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 247-248.	2.3	19
124	Magnetic linear dichroism in photoemission from Fe on Cu ₈₄ Al ₁₆ (1 0 0) and Cu ₃ Au(1 0 0). <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 1262-1264.	2.3	6
125	Magnetism of atomically thin fcc Fe overlayers on an expanded fcc lattice:Cu ₈₄ Al ₁₆ (100). <i>Physical Review B</i> , 1998, 58, 11534-11538.	3.2	18
126	Structural change and heteroepitaxy induced by rapid thermal annealing of CaF ₂ films on Si(111). <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998, 16, 2437-2441.	2.1	2

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127	Annealing Effects on Nanoscratch Behavior of CaF ₂ Thin Films Growth on Si(111). Materials Research Society Symposia Proceedings, 1998, 522, 457.	0.1	0
128	Depth-selective conversion-electron Mössbauer 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
129	New high-resolution electrostatic electron spectrometer for conversion electron Mössbauer spectroscopy. Hyperfine Interactions, 1994, 92, 1221-1226.	0.5	8
130	Mössbauer characterization of biotites from zoned pegmatites. Hyperfine Interactions, 1994, 83, 483-487.	0.5	3
131	Magnetic properties of ultrathin epitaxial fcc-Fe(001) films on Cu(001) and Cu ₃ Au(001). Journal of Magnetism and Magnetic Materials, 1991, 93, 552-556.	2.3	45
132	Magneto-volume effects in ⁵⁷ Fe ultrathin films and small particles. Physica B: Condensed Matter, 1990, 161, 269-275.	2.7	63
133	Magneto-volume effects of ⁵⁷ Fe precipitates in Cu and CuAl matrices. Physica B: Condensed Matter, 1990, 161, 281-284.	2.7	28
134	Magnetism of Epitaxial fcc-Fe(100) Films on Cu(100) Investigated in Situ by Conversion-Electron Mössbauer Spectroscopy in Ultrahigh Vacuum. Physical Review Letters, 1988, 61, 475-478.	7.8	241