Aziz Dinia

List of Publications by Year
in descending order

179 papers	4,177 citations	109321 35 h-index	168389 53 g-index
180 all docs	180 docs citations	180 times ranked	4707 citing authors

#	Article	IF	Citations
1	Properties of Yb-added ZnO (Yb:ZnO) films as an energy-conversion layer on polycrystalline silicon solar cells. Materials Chemistry and Physics, 2021, 265, 124513.	4.0	7
2	Tailoring PEIE capped ZnO binary cathode for solution-processed inverted organic solar cells. Optical Materials, 2021, 116, 111070.	3.6	8
3	Study of hybrid organicâ€“inorganic halide perovskite solar cells based on MAI[(PbI2)1â^'x(CuI)x] absorber layers and their long-term stability. Journal of Materials Science: Materials in Electronics, 2021, 32, 20684-20697.	2.2	2
4	Yb-doped zinc tin oxide thin film and its application to Cu(InGa)Se2 solar cells. Journal of Alloys and Compounds, 2020, 815, 152360.	5.5	9
5	Tuneable Functionalization of Glass Fibre Membranes with ZnO/SnO2 Heterostructures for Photocatalytic Water Treatment: Effect of SnO2 Coverage Rate on the Photocatalytic Degradation of Organics. Catalysts, 2020, 10, 733.	3.5	7
6	Photon management properties of Yb-doped SnO₂ nanoparticles synthesized by the solâ€“gel technique. Physical Chemistry Chemical Physics, 2019, 21, 21407-21417.	2.8	17
7	Cu(InGa)Se2 Solar Cell Efficiency Enhancement Using a Yb-Doped SnOx Photon Converting Layer. ACS Applied Energy Materials, 2019, 2, 5094-5102.	5.1	10
8	Thickness Dependence and Strain Effects in Ferroelectric Bi₂FeCrO₆ Thin Films. ACS Applied Energy Materials, 2019, 2, 8550-8559.	5.1	15
9	Electrochemical synthesis of n-type ZnS layers on p-Cu₂O/n-ZnO heterojunctions with different deposition temperatures. RSC Advances, 2019, 9, 29056-29069.	3.6	48
10	EFFECT OF POTASSIUM CYANIDE ETCHING ON STRUCTURAL, OPTICAL AND ELECTRICAL PROPERTIES OF Cu₂ZnSnS₄ THIN FILMS DEPOSITED BY A MODIFIED SPRAY PROCESS. Surface Review and Letters, 2019, 26, 1950053.	1.1	0
11	Low-temperature growth and electronic structures of ambipolar Yb-doped zinc tin oxide transparent thin films. Applied Surface Science, 2018, 441, 49-54.	6.1	6
12	Guideline to atomically flat TiO2-terminated SrTiO3(001) surfaces. Surface Science, 2018, 677, 39-45.	1.9	16
13	Macroporosity Enhancement of Scaffold Oxide Layers Using Selfâ€Assembled Polymer Beads for Photovoltaic Applications. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700946.	1.8	0
14	Tuning photovoltaic response in Bi₂FeCrO₆ films by ferroelectric poling. Nanoscale, 2018, 10, 13761-13766.	5.6	33
15	On the electrochemical synthesis and characterization of p-Cu2O/n-ZnO heterojunction. Journal of Alloys and Compounds, 2017, 718, 36-45.	5.5	55
16	Nd-Doped SnO2 and ZnO for Application in Cu(InGa)Se2 Solar Cells. Science of Advanced Materials, 2017, 9, 2114-2120.	0.7	10
17	Effect of the thickness of the ZnO buffer layer on the properties of electrodeposited p-Cu₂O/n-ZnO/n-AZO heterojunctions. RSC Advances, 2016, 6, 68663-68674.	3.6	34
18	Photon management properties of rare-earth (Nd,Yb,Sm)-doped CeO₂films prepared by pulsed laser deposition. Physical Chemistry Chemical Physics, 2016, 18, 2527-2534.	2.8	7

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19	Spin wave and percolation studies in epitaxial La2/3Sr1/3MnO3 thin films grown by pulsed laser deposition. Journal of Magnetism and Magnetic Materials, 2016, 409, 34-38.	2.3	10
20	Structural, optical and electrical properties of Nd-doped SnO2 thin films fabricated by reactive magnetron sputtering for solar cell devices. Solar Energy Materials and Solar Cells, 2016, 145, 134-141.	6.2	55
21	Photoluminescence properties of rare earth (Nd, Yb, Sm, Pr)-doped CeO₂pellets prepared by solid-state reaction. Journal of Materials Chemistry C, 2015, 3, 7014-7021.	5.5	55
22	Tailoring the optical properties of ZnO nano-layers and their effect on in vitro biocompatibility. RSC Advances, 2015, 5, 97635-97647.	3.6	8
23	Deposition Time Effect on the Physical Properties of Cu2ZnSnS4 (CZTS) Thin Films Obtained by Electrodeposition Route onto Mo-coated Glass Substrates. Energy Procedia, 2015, 84, 127-133.	1.8	29
24	Impact of sputtered ZnO interfacial layer on the S-curve in conjugated polymer/fullerene based-inverted organic solar cells. Thin Solid Films, 2015, 576, 23-30.	1.8	18
25	Effect of Nd substitution on physical properties of multiferroic compound BiFeO3. Journal of Sol-Gel Science and Technology, 2015, 73, 673-678.	2.4	19
26	Effect of strontium deficiency on the structural, magnetic and magnetocaloric properties of La_{0.65}Eu_{0.05}Sr_{0.3â˜'x}MnO₃ (0 â‰¤ x â‰¤ 0.15) perovskites. RSC Advances, 2015, 5, 64557-64565.	3.6	31
27	Improvement of the photocatalytic degradation property of atomic layer deposited ZnO thin films: the interplay between film properties and functional performances. Journal of Materials Chemistry A, 2015, 3, 11453-11461.	10.3	38
28	Structural, electrical and optical properties of sprayed Ndâ€“F codoped ZnO thin films. Journal of Sol-Gel Science and Technology, 2015, 73, 557-562.	2.4	11
29	Effect of nitrate concentration on the electrochemical growth and properties of ZnO nanostructures. Journal of Materials Science: Materials in Electronics, 2015, 26, 1217-1224.	2.2	26
30	Effect of Al concentrations on the electrodeposition and properties of transparent Al-doped ZnO thin films. Journal of Materials Science: Materials in Electronics, 2014, 25, 1761-1769.	2.2	38
31	Structural, optical and electrical properties of Zn-doped SnO2 nanoparticles synthesized by the co-precipitation technique. Journal of Materials Science: Materials in Electronics, 2014, 25, 2066-2071.	2.2	42
32	Magnetic Structure of Ground and Field Induced Ordered States of Low-Dimensional Î³-CoV₂O₆. Journal of Physical Chemistry C, 2014, 118, 13981-13987.	3.1	12
33	Structural, optical, spectroscopic and electrical properties of Mo-doped ZnO thin films grown by radio frequency magnetron sputtering. Thin Solid Films, 2014, 566, 61-69.	1.8	28
34	Efficient energy transfer from ZnO to Nd³⁺ ions in Nd-doped ZnO films deposited by magnetron reactive sputtering. Journal of Materials Chemistry C, 2014, 2, 9182-9188.	5.5	29
35	Optical and structural properties of Nd doped SnO₂ powder fabricated by the solâ€“gel method. Journal of Materials Chemistry C, 2014, 2, 8235-8243.	5.5	80
36	Luminescent Properties and Energy Transfer in Pr³⁺ Doped and Pr³⁺-Yb³⁺ Co-doped ZnO Thin Films. Journal of Physical Chemistry C, 2014, 118, 13775-13780.	3.1	25

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37	Reduction of conductivity and ferromagnetism induced by Ag doping in ZnO:Co. Thin Solid Films, 2013, 545, 488-495.	1.8	2
38	Nano-ordered thin films achieved by soft atmospheric plasma polymerization. RSC Advances, 2013, 3, 4416.	3.6	26
39	A study on electrodeposited Coâ€“Mo alloys thin films. Journal of Materials Science: Materials in Electronics, 2013, 24, 2962-2969.	2.2	15
40	Influence of flexible substrates on inverted organic solar cells using sputtered ZnO as cathode interfacial layer. Organic Electronics, 2013, 14, 1861-1868.	2.6	33
41	Growth and characterization of electrodeposited Cu₂O thin films. Semiconductor Science and Technology, 2013, 28, 115005.	2.0	71
42	Epitaxial growth of Î³-CoV2O6 thin films: Structure, morphology, and magnetic properties. Applied Physics Letters, 2013, 102, .	3.3	11
43	Electrochemical Production of Magnetic Coâ€“Mo Alloys Thin Films. Sensor Letters, 2013, 11, 1622-1626.	0.4	3
44	The potential dependence of Coâ€“Cu alloy thin films electrodeposited on n-Si(100) substrate. Journal of Materials Science: Materials in Electronics, 2012, 23, 2245-2250.	2.2	6
45	Atmospheric plasma polymer films as templates for inorganic synthesis to yield functional hybrid coatings. RSC Advances, 2012, 2, 9860.	3.6	4
46	High-temperature ferromagnetism in Co-doped CeO2 synthesized by the coprecipitation technique. Physical Chemistry Chemical Physics, 2012, 14, 7256.	2.8	47
47	Nucleation, growth and properties of Co nanostructures electrodeposited on n-Si(111). Applied Surface Science, 2012, 258, 3907-3912.	6.1	22
48	Twoâ€Ðimensional Antiferromagnetism in the [Mn_{3+x}O₇][Bi₄O_{4.5â^'y}] Compound with a Mapleâ€Leaf Lattice. Angewandte Chemie - International Edition, 2012, 51, 9393-9397.	13.8	17
49	Enhanced Adhesion over Aluminum Solid Substrates by Controlled Atmospheric Plasma Deposition of Amine-Rich Primers. ACS Applied Materials & Interfaces, 2012, 4, 1072-1079.	8.0	37
50	Photoluminescence of Nd-doped SnO2 thin films. Applied Physics Letters, 2012, 100, .	3.3	50
51	Annealing treatment for restoring and controlling the interface morphology of organic photovoltaic cells with interfacial sputtered ZnO films on P3HT:PCBM active layers. Journal of Materials Chemistry, 2012, 22, 1606-1612.	6.7	32
52	Organosilicon Coatings Deposited in Atmospheric Pressure Townsend Discharge for Gas Barrier Purpose: Effect of Substrate Temperature on Structure and Properties. ACS Applied Materials & Interfaces, 2012, 4, 5872-5882.	8.0	35
53	The influence of pH electrolyte on the electrochemical deposition and properties of nickel thin films. Ionics, 2012, 18, 425-432.	2.4	45
54	Thickness-dependent optical band gap in one-dimensional Ca3Co2O6 nanometric films. Journal of Luminescence, 2012, 132, 457-460.	3.1	23

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55	Room temperature ZnO growth by rf magnetron sputtering on top of photoactive P3HT: PCBM for organic solar cells. Journal of Materials Chemistry, 2011, 21, 1953-1958.	6.7	60
56	Appearance of Ferromagnetism in Co-Doped CeO₂ Diluted Magnetic Semiconductors Prepared by Solid-State Reaction. Journal of Physical Chemistry C, 2011, 115, 1556-1560.	3.1	55
57	Evidence of Superparamagnetic Co Clusters in Pulsed Laser Deposition-Grown Zn_{0.9}Co_{0.1}O Thin Films Using Atom Probe Tomography. Journal of the American Chemical Society, 2011, 133, 1451-1458.	13.7	72
58	Magnetic Properties of Low-Dimensional Î± and Î³ CoV₂O₆. Journal of Physical Chemistry C, 2011, 115, 17190-17196.	3.1	48
59	High Superhydrophobicity Achieved on Poly(ethylene terephthalate) by Innovative Laser-Assisted Magnetron Sputtering. Journal of Physical Chemistry C, 2011, 115, 10675-10681.	3.1	32
60	Morphology, structure, and magnetic properties of electrodeposited Ni films obtained from different pH solutions. Journal of Materials Science: Materials in Electronics, 2011, 22, 1804-1809.	2.2	19
61	Atmospheric Plasma Deposition Process: A Versatile Tool for the Design of Tunable Siloxanesâ€Based Plasma Polymer Films. Plasma Processes and Polymers, 2011, 8, 895-903.	3.0	32
62	Effect of the nanometric scale thickness on the magnetization steps in Ca3Co2O6thin films. Journal of Physics Condensed Matter, 2011, 23, 276002.	1.8	8
63	RIXS approach to local environment around impurity atoms in diluted magnetic semiconductors and dielectrics. Journal of Electron Spectroscopy and Related Phenomena, 2010, 181, 202-205.	1.7	0
64	Synthesis and characterization of Ca3Co4O9 thin films prepared by solâ€“gel spin-coating technique on Al2O3(001). Thin Solid Films, 2010, 518, 4546-4548.	1.8	21
65	No ferromagnetic properties in polycrystalline Al-doped Zn0.97Mn0.03O diluted magnetic semiconductor. Thin Solid Films, 2010, 518, 4549-4552.	1.8	15
66	Structural, optical, and magnetic properties of Fe-doped ZnO films prepared by spray pyrolysis method. Thin Solid Films, 2010, 518, 4593-4596.	1.8	53
67	Growth and Magnetic Properties of La_{2/3}Sr_{1/3}MnO₃/Ca₃Co₂O₆ Bilayers. Journal of Physical Chemistry C, 2010, 114, 1684-1688.	3.1	9
68	Correlation of structural properties with energy transfer of Eu-doped ZnO thin films prepared by sol-gel process and magnetron reactive sputtering. Journal of Applied Physics, 2010, 107, 123522.	2.5	63
69	Optical and electronic properties of one-dimensional Ca3Co2O6 thin films: Influence of the oxygen pressure. Applied Physics Letters, 2009, 94, 141907.	3.3	23
70	Magnetic switching field distribution of patterned CoPt dots. Journal of Applied Physics, 2009, 105, .	2.5	16
71	Investigation at the atomic scale of the Co spatial distribution in Zn(Co)O magnetic semiconductor oxide. Journal of Applied Physics, 2009, 105, .	2.5	24
72	Structural and magnetic study of hardâ€“soft systems with ZnO barrier grown by pulsed laser deposition. Microelectronics Journal, 2009, 40, 246-249.	2.0	2

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73	Elaboration and characterization of Co-doped ZnO thin films deposited by spray pyrolysis technique. Microelectronics Journal, 2009, 40, 265-267.	2.0	32
74	Optical properties of ZnO thin films prepared by solâ€“gel process. Microelectronics Journal, 2009, 40, 239-241.	2.0	41
75	Magnetic properties of Al-doped Zn0.95Co0.05O films: Experiment and theory. Journal of Applied Physics, 2009, 105, .	2.5	20
76	Structural and magnetic properties of layered Ca3Co4O9 thin films. European Physical Journal B, 2008, 66, 315-319.	1.5	19
77	Electrochemical study of cobalt nucleation mechanisms on different metallic substrates. Materials Chemistry and Physics, 2008, 108, 345-352.	4.0	19
78	Effect of La doping on the properties of Sr2â^'xLaxFeMoO6 double perovskite. Journal of Applied Physics, 2008, 104, .	2.5	32
79	Magnetization plateaus in Ca3Co2O6 thin films. Journal of Materials Chemistry, 2008, 18, 5543.	6.7	22
80	NUCLEATION, GROWTH, AND MORPHOLOGICAL PROPERTIES OF ELECTRODEPOSITED NICKEL FILMS FROM DIFFERENT BATHS. Surface Review and Letters, 2008, 15, 717-725.	1.1	28
81	H₂/N₂ MIXTURE ATMOSPHERE EFFECTS ON THE BEHAVIOR OF THE DOUBLE PEROVSKITE COMPOUND Sr₂CoMoO₆. International Journal of Modern Physics B, 2008, 22, 3579-3588.	2.0	6
82	Structural and photoluminescence properties of ZnO thin films prepared by sol-gel process. Journal of Applied Physics, 2008, 104, .	2.5	56
83	Epitaxial growth of one-dimensional Ca3Co2O6 thin films prepared by pulsed laser deposition. Applied Physics Letters, 2007, 91, .	3.3	24
84	How to obtain a magnetic hardâ€“soft architecture by pulsed laser deposition. Nanotechnology, 2007, 18, 495708.	2.6	1
85	Structural, Optical, and Magnetic Properties of Co-doped SnO2 Powders Synthesized by the Coprecipitation Technique. Journal of Physical Chemistry C, 2007, 111, 2924-2928.	3.1	204
86	Absence of tunnel magnetoresistance in Sr2FeMoO6-based magnetic tunnel junctions. Chemical Physics Letters, 2007, 434, 276-279.	2.6	25
87	Room-temperature ferromagnetism in Co-doped ZnO thin films prepared by solâ€“gel method. Journal of Magnetism and Magnetic Materials, 2007, 310, 2092-2094.	2.3	38
88	Structural and magnetic properties of electrodeposited (Co/CoxZn1â^'x)n thin films. Journal of Magnetism and Magnetic Materials, 2007, 316, 8-12.	2.3	5
89	Extrinsic origin of ferromagnetism in ZnO and Zn0.9Co0.1O magnetic semiconductor films prepared by sol-gel technique. Applied Physics Letters, 2006, 89, 122504.	3.3	97
90	Absence of ferromagnetism in Al-doped Zn0.9Co0.10O diluted magnetic semiconductors. Applied Physics Letters, 2006, 88, 112503.	3.3	107

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91	Zn1â^'xCoxO diluted magnetic semiconductors synthesized under hydrothermal conditions. Catalysis Today, 2006, 113, 240-244.	4.4	45
92	Structural properties of CoPt films patterned using ion irradiation. Catalysis Today, 2006, 113, 245-250.	4.4	3
93	As-doping effect on magnetic, optical and transport properties of Zn0.9Co0.1O diluted magnetic semiconductor. Chemical Physics Letters, 2006, 421, 184-188.	2.6	35
94	Magnetic properties of Co-doped ZnO diluted magnetic semiconductors prepared by low-temperature mechanosynthesis. Chemical Physics Letters, 2006, 422, 529-533.	2.6	90
95	Effect of nanostructuration on the magnetic properties of CoPt films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 126, 207-211.	3.5	9
96	Electrochemical nucleation and growth of Co and CoFe alloys on Pt/Si substrates. Catalysis Today, 2006, 113, 257-262.	4.4	24
97	Coupling between ferromagnetic electrodes through ZnS barrier. Journal of Magnetism and Magnetic Materials, 2005, 286, 134-137.	2.3	2
98	Magnetic perpendicular anisotropy in sputtered (Zn0.75Co0.25)O dilute magnetic semiconductor. Journal of Magnetism and Magnetic Materials, 2005, 286, 37-40.	2.3	48
99	Magnetic nanopatterning of CoPt thin layers. Journal of Magnetism and Magnetic Materials, 2005, 286, 297-300.	2.3	13
100	No ferromagnetism in Mn doped ZnO semiconductors. Chemical Physics Letters, 2005, 415, 337-341.	2.6	92
101	Nucleation, growth and structural properties of epitaxial Coâ€“Ag alloy films. Applied Surface Science, 2005, 246, 132-138.	6.1	2
102	Room-temperature ferromagnetism in Zn1â^'xCoxO magnetic semiconductors prepared by sputtering. Journal of Applied Physics, 2005, 97, 123908.	2.5	78
103	NUCLEATION AND SURFACE MORPHOLOGY OF COBALT FILMS ELECTRODEPOSITED ON Pt/Si SUBSTRATES. Surface Review and Letters, 2005, 12, 391-396.	1.1	11
104	Magnetic patterning using ion irradiation for highly ordered CoPt alloys with perpendicular anisotropy. Journal of Applied Physics, 2004, 96, 7420-7423.	2.5	24
105	GROWTH, MORPHOLOGICAL AND STRUCTURAL PROPERTIES OF Ag THIN FILMS ON A Ru (0001) SURFACE GROWN BY MBE. Surface Review and Letters, 2004, 11, 563-568.	1.1	2
106	Origin of giant magnetoresistance contributions in electrodeposited Niâ€“Cu/Cu multilayers. Journal of Magnetism and Magnetic Materials, 2004, 269, 156-167.	2.3	33
107	Magnetic anisotropy and microstructure in sputtered CoPt(110) films. Catalysis Today, 2004, 89, 325-330.	4.4	10
108	Effect of ion irradiation on the structural and the magnetic properties of Zn0.75Co0.25O magnetic semiconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 333, 152-156.	2.1	32

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109	Bulk Zn1â^'xCoxO magnetic semiconductors prepared by hydrothermal technique. Chemical Physics Letters, 2004, 397, 73-76.	2.6	112
110	Elaboration and characterization of the Sr2FeMoO6 double perovskite. Catalysis Today, 2004, 89, 297-302.	4.4	8
111	Growth and properties of electrodeposited cobalt films on Pt/Si(100) surface. Applied Surface Science, 2004, 228, 320-325.	6.1	24
112	Magnetic and transport properties of discontinuous metal-oxides multilayers. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 97, 231-234.	3.5	4
113	Effect of ion irradiation on the structural and magnetic properties of sputtered CoPt alloy. Materials Science and Engineering C, 2003, 23, 229-233.	7.3	34
114	Correlation between micromagnetismand the magnetic propertiesof hardâ€"soft Fe/Co/Cu/Co/[CoFe/Ir/CoFe] sensors. Physica Status Solidi A, 2003, 196, 459-464.	1.7	1
115	Comparison between semiconducting and oxide layers as a reflection layer in spin-valve films. Physica Status Solidi A, 2003, 198, 162-168.	1.7	0
116	Magnetic, transport and structural properties of Co/Ir multilayers grown by molecular beam epitaxy. Physica Status Solidi A, 2003, 199, 161-168.	1.7	4
117	Indirect exchange coupling between two ferromagnetic electrodes through ZnS barrier in magnetic tunnel junctions. Applied Physics Letters, 2003, 83, 2202-2204.	3.3	3
118	Effect of the buffer anisotropy on the rigidity of artificial antiferromagnetic hard magnetic layers in spin valve structures. Journal of Applied Physics, 2002, 91, 5268-5271.	2.5	4
119	Thermal stability of spin valve sensors using artificial CoFe/Ir based ferrimagnets. Journal of Applied Physics, 2002, 91, 2172-2175.	2.5	3
120	Room temperature electronic transport properties of Co metal and Co(Ru) dilute alloys. Europhysics Letters, 2002, 58, 408-414.	2.0	17
121	Preparation, Structure, Magnetic, and Magnetotransport Properties of Electrodeposited Co(Ru)/Ru Multilayers. Journal of the Electrochemical Society, 2002, 149, C469.	2.9	10
122	Structural and magnetic properties of cobalt (II) copper (II) phosphate granular layers prepared by an inorganic solâ€"gel process. Materials Letters, 2002, 57, 975-981.	2.6	0
123	Thermal stability of spin valve sensors using artificial Co/Ir based ferrimagnets. Journal of Magnetism and Magnetic Materials, 2002, 240, 186-188.	2.3	2
124	GMR enhancement in spin valves structures with nano-semiconducting layer. Journal of Magnetism and Magnetic Materials, 2002, 240, 196-199.	2.3	2
125	Temperature dependence of transport properties in ZnS-based magnetic tunnel junctions. Journal of Magnetism and Magnetic Materials, 2002, 240, 152-155.	2.3	4
126	Correlation between magnetotransport properties and the microstructure of the Co20Cu80 granular alloy. Journal of Magnetism and Magnetic Materials, 2002, 238, 145-154.	2.3	19

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127	Random anisotropy model approach on ion beam sputtered Co20Cu80 granular alloy. Journal of Magnetism and Magnetic Materials, 2002, 241, 335-339.	2.3	4
128	Annealing effect on structural and magnetic properties of Co-based thin film multilayered structures. Physica B: Condensed Matter, 2002, 318, 222-230.	2.7	1
129	Magnetic tunnel junctions for magnetic random access memory applications. Materials Science and Engineering C, 2002, 19, 129-133.	7.3	7
130	Comparative study between the effect of annealing and substrate temperature on the magnetic and transport properties of Co20Cu80 granular alloys. Materials Letters, 2001, 51, 48-55.	2.6	6
131	Giant magnetoresistance in Fe and Co based spin valve structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 279, 255-260.	2.1	4
132	CoFe/Ir/CoFe artificial antiferromagnetic sandwich as a hard magnetic layer in hard-soft GMR sensors. IEEE Transactions on Magnetics, 2001, 37, 1736-1738.	2.1	2
133	Tunnel magnetoresistance in magnetic tunnel junctions with a ZnS barrier. Applied Physics Letters, 2001, 78, 3487-3489.	3.3	28
134	Tunnel magnetoresistance in magnetic tunnel junctions with ZnS barrier. Journal of Applied Physics, 2001, 89, 6748-6750.	2.5	6
135	Magnetic and transport properties of ion beam sputtered CoxCu1â^'x granular alloys. Vacuum, 2000, 56, 221-226.	3.5	5
136	Correlation between magnetic and transport properties of Co/Ir/Co sandwiches and surface roughness. Thin Solid Films, 2000, 380, 137-141.	1.8	2
137	Giant magnetoresistance increase in a hardâ€“soft spin valve structure with the growth of a semiconductor layer. Thin Solid Films, 2000, 380, 211-214.	1.8	1
138	Unified interfacial inverse magnetoresistance in UHV evaporated sandwiches. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 264, 482-488.	2.1	1
139	Magnetic domain transformations in polycrystalline hard-soft giant-magnetoresistive-effect spin valves with Co-Cu-based artificial antiferromagnetic subsystems. Journal of Physics Condensed Matter, 2000, 12, 6217-6236.	1.8	0
140	Influence of the nature of the buffer on the coupling and the transport properties in Co/Ru/Co sandwiches. Journal of Applied Physics, 2000, 88, 1552-1558.	2.5	16
141	Magnetic irreversibilities of Co/Cu/Co structures with strong antiferromagnetic exchange coupling. Physical Review B, 2000, 62, 3917-3922.	3.2	9
142	Magnetic, transport, and structural properties of Fe/Co/Cu/[Co/Ir/Co] sandwiches and Fe/Co/Cu/[Co/Ir] multilayers prepared by ion-beam sputtering. Physical Review B, 2000, 62, 11709-11718.	3.2	11
143	Inverse magnetoresistance in Co/Ru/Co and dopedCo/Ru/Co0.92Ru0.08sandwiches. Physical Review B, 1999, 59, 9475-9481.	3.2	29
144	Inverse magnetoresistance in Fe/Si ion beam sputtered sandwiches. Journal of Applied Physics, 1999, 85, 4477-4479.	2.5	5

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145	Structural properties of electrodeposited Co/Cu multilayers. Thin Solid Films, 1998, 318, 227-230.	1.8	27
146	Magnetic properties simulations of CoRu interfaces. Computational Materials Science, 1998, 10, 269-272.	3.0	3
147	Exchange coupling and magnetoresistance in Co/Ir multilayers prepared by ion beam sputtering. Europhysics Letters, 1998, 42, 331-338.	2.0	21
148	Temperature induced perpendicular magnetic anisotropy in Co/Cu/Co trilayers. Journal of Applied Physics, 1998, 84, 5668-5672.	2.5	7
149	Interfacial origin of inverse magnetoresistance in uncoupled Fe/Si/Fe/Ru sandwiches. Applied Physics Letters, 1998, 73, 3592-3594.	3.3	0
150	Influence of the growth technique on the coupling and magnetoresistance of Co/Ru sandwiches. Physical Review B, 1998, 57, 4842-4848.	3.2	32
151	Preserved interfacial magnetism and giant antiferromagnetic exchange coupling in Co/Rh sandwiches. Europhysics Letters, 1997, 39, 323-328.	2.0	26
152	Cluster-variation-method simulations of theM1â^'xMxâ€²Pt3(M,Mâ€²=Mn,Fe,Co)magnetic phase diagrams with competing magnetic interactions. Physical Review B, 1997, 56, 693-698.	3.2	4
153	Strong temperature dependence of the interlayer exchange coupling strength in Co/Cu/Co sandwiches. Physical Review B, 1997, 56, 2676-2679.	3.2	47
154	Magnetic properties and magnetic phase diagram of frustrated Co1â^'xFexPt3 compounds. Journal of Applied Physics, 1997, 81, 5273-5275.	2.5	6
155	Domain phases in antiferromagnetically coupled sandwiches. Journal of Applied Physics, 1997, 81, 4748-4750.	2.5	12
156	Giant antiferromagnetic exchange coupling in ultrahigh-vacuum grown (111) Co/Rh sandwiches. Journal of Magnetism and Magnetic Materials, 1997, 165, 442-445.	2.3	16
157	Domain-phase transformations in antiferromagnetically coupled Co/Cu sandwiches. Journal of Magnetism and Magnetic Materials, 1997, 165, 446-449.	2.3	14
158	Coupling mechanism in Co/Ru sandwiches with thin spacers. Journal of Magnetism and Magnetic Materials, 1996, 156, 231-232.	2.3	11
159	Structure and giant magnetoresistance in Co/Cu sandwiches with thin Ag layers at the interfaces. Journal of Magnetism and Magnetic Materials, 1996, 156, 335-336.	2.3	5
160	Structure and magnetic anisotropy in Co(hcp)/Cu sandwiches. Journal of Magnetism and Magnetic Materials, 1996, 156, 371-372.	2.3	6
161	Structural properties and oscillatory magnetoresistance of Co(hcp)/Cu sandwiches. Journal of Magnetism and Magnetic Materials, 1996, 164, 37-42.	2.3	16
162	Structure and oscillatory magnetoresistance of sandwiches. Thin Solid Films, 1996, 275, 115-118.	1.8	6

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163	Magnetic properties and magnetic phase diagram of the frustratedCo1âˆ'xFexPt3compounds. Physical Review B, 1996, 54, 3408-3419.	3.2	20
164	Experimental evidence of the formation of a reentrant spin-glass phase in alloying two ferromagneticCoPt3andMnPt3compounds. Physical Review B, 1996, 53, 221-228.	3.2	21
165	Modeling of magnetic trilayers with interlayer coupling: Application to Co/Ru. Journal of Applied Physics, 1996, 79, 2601-2608.	2.5	8
166	Magnetization curves simulation in superlattices. Solid State Communications, 1995, 96, 549-555.	1.9	2
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