

Chia-Ling Chien

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

312
papers

21,351
citations

72
h-index

137
g-index

321
ext. papers

22,602
ext. citations

4.6
avg, IF

6.76
L-index

#	Paper	IF	Citations
312	Negligible spin-charge conversion in Bi films and Bi/Ag(Cu) bilayers. <i>APL Materials</i> , 2021 , 9, 050904	5.7	3
311	Omnidirectional Control of Large Electrical Output in a Topological Antiferromagnet. <i>Advanced Functional Materials</i> , 2021 , 31, 2008971	15.6	8
310	Effect of demagnetization factors on spin current transport. <i>Physical Review B</i> , 2020 , 102,	3.3	3
309	Pure spin current phenomena. <i>Applied Physics Letters</i> , 2020 , 117, 190501	3.4	2
308	Voltage-Controlled Antiferromagnetism in Magnetic Tunnel Junctions. <i>Physical Review Letters</i> , 2020 , 124, 187701	7.4	6
307	Spin orbit torque switching of synthetic Co/Ir/Co trilayers with perpendicular anisotropy and tunable interlayer coupling. <i>Applied Physics Letters</i> , 2020 , 117, 172403	3.4	4
306	Spin-Triplet Pairing State Evidenced by Half-Quantum Flux in a Noncentrosymmetric Superconductor. <i>Physical Review Letters</i> , 2020 , 124, 167001	7.4	3
305	Incoherent spin pumping from YIG single crystals. <i>Physical Review B</i> , 2019 , 99,	3.3	14
304	Observation of half-quantum flux in the unconventional superconductor BiPd. <i>Science</i> , 2019 , 366, 238-241	33.3	23
303	Large Anomalous Nernst Effect in a van der Waals Ferromagnet FeGeTe. <i>Nano Letters</i> , 2019 , 19, 8250-8254	15.5	32
302	Absence of Evidence of Electrical Switching of the Antiferromagnetic Néel Vector. <i>Physical Review Letters</i> , 2019 , 123, 227203	7.4	57
301	Large magneto-optical Kerr effect and imaging of magnetic octupole domains in an antiferromagnetic metal. <i>Nature Photonics</i> , 2018 , 12, 73-78	33.9	138
300	Thin films of topological Kondo insulator candidate SmB: Strong spin-orbit torque without exclusive surface conduction. <i>Science Advances</i> , 2018 , 4, eaap8294	14.3	18
299	Inverse spin Hall effect in AuTa _{1-x} alloy films. <i>Physical Review B</i> , 2018 , 97,	3.3	16
298	Switching a Perpendicular Ferromagnetic Layer by Competing Spin Currents. <i>Physical Review Letters</i> , 2018 , 120, 117703	7.4	71
297	Spin-to-Charge Conversion in Bi Films and Bi/Ag Bilayers. <i>Physical Review Letters</i> , 2018 , 121, 037201	7.4	20
296	Voltage-Controlled Sensitivity of the Spin Seebeck Effect in Pt/Y ₃ Fe ₅ O ₁₂ /MgO/(PbMg _{1/3} Nb _{2/3} O ₃) _{0.7} (PbTiO ₃) _{0.3} Multiferroic Heterostructures. <i>Physical Review Applied</i> , 2018 , 10,	4.3	4

295	Anomalous Hall effect in thin films of the Weyl antiferromagnet Mn ₃ Sn. <i>Applied Physics Letters</i> , 2018 , 113, 202402	3-4	54
294	Nontrivial Nature and Penetration Depth of Topological Surface States in SmB ₆ Thin Films. <i>Physical Review Letters</i> , 2018 , 120, 207206	7-4	12
293	Tuning the magnetoresistance symmetry of Pt on magnetic insulators with temperature and magnetic doping. <i>Applied Physics Letters</i> , 2017 , 110, 222402	3-4	2
292	Magnetic scattering and spin-orbit coupling induced magnetoresistance in nonmagnetic heavy metal and magnetic insulator bilayer systems. <i>Physical Review B</i> , 2016 , 94,	3-3	9
291	Influence of magnetic domain landscape on the flux dynamics in superconductor/ferromagnet bilayers. <i>Physical Review B</i> , 2016 , 93,	3-3	6
290	Enhancement of Thermally Injected Spin Current through an Antiferromagnetic Insulator. <i>Physical Review Letters</i> , 2016 , 116, 186601	7-4	168
289	Topological charge analysis of ultrafast single skyrmion creation. <i>Physical Review B</i> , 2016 , 93,	3-3	39
288	Manipulation of pure spin current in ferromagnetic metals independent of magnetization. <i>Physical Review B</i> , 2016 , 94,	3-3	37
287	Unusual magnetoresistance in cubic B20 Fe _{0.85} Co _{0.15} Si chiral magnets. <i>New Journal of Physics</i> , 2016 , 18, 065010	2-9	13
286	Absence of anomalous Nernst effect in spin Seebeck effect of Pt/YIG. <i>AIP Advances</i> , 2016 , 6, 015018	1-5	33
285	Rh ₂ Mo ₃ N: Noncentrosymmetric s-wave superconductor. <i>Physical Review B</i> , 2016 , 94,	3-3	21
284	Temperature dependence of angular momentum transport across interfaces. <i>Physical Review B</i> , 2016 , 94,	3-3	28
283	Separation of spin Seebeck effect and anomalous Nernst effect in Co/Cu/YIG. <i>Applied Physics Letters</i> , 2015 , 106, 212407	3-4	33
282	Conductive Atomic Force Microscopy of Small Magnetic Tunnel Junctions With Interface Anisotropy. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	6
281	Inverse spin Hall effect in Cr: Independence of antiferromagnetic ordering. <i>Physical Review B</i> , 2015 , 92,	3-3	50
280	Theory and experiment on cavity magnon-polariton in the one-dimensional configuration. <i>Physical Review B</i> , 2015 , 92,	3-3	54
279	Physical origins of the new magnetoresistance in Pt/YIG. <i>Physical Review Letters</i> , 2014 , 112, 236601	7-4	104
278	Reply to Comment on Hybrid magnetoresistance in the proximity of a ferromagnet. <i>Physical Review B</i> , 2014 , 90,	3-3	3

277	Self-consistent determination of spin Hall angles in selected 5d metals by thermal spin injection. <i>Physical Review B</i> , 2014 , 89,	3-3	71
276	Electrical detection of direct and alternating spin current injected from a ferromagnetic insulator into a ferromagnetic metal. <i>Physical Review B</i> , 2014 , 89,	3-3	36
275	Negative Hall coefficient of ultrathin niobium in Si/Nb/Si trilayers. <i>Physical Review B</i> , 2014 , 90,	3-3	9
274	Inverse spin Hall effect in a ferromagnetic metal. <i>Physical Review Letters</i> , 2013 , 111, 066602	7-4	205
273	Hybrid magnetoresistance in the proximity of a ferromagnet. <i>Physical Review B</i> , 2013 , 87,	3-3	86
272	Parallel fabrication of magnetic tunnel junction nanopillars by nanosphere lithography. <i>Scientific Reports</i> , 2013 , 3, 1948	4-9	12
271	Pt magnetic polarization on Y3Fe5O12 and magnetotransport characteristics. <i>Physical Review Letters</i> , 2013 , 110, 147207	7-4	173
270	Influence of Pt spacer thickness on the domain nucleation in ultrathin Co/Pt/Co trilayers. <i>Journal of Applied Physics</i> , 2013 , 113, 17C101	2-5	7
269	Voltage-induced switching in magnetic tunnel junctions with perpendicular magnetic anisotropy. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 074004	3	50
268	Intrinsic spin Seebeck effect in Au/YIG. <i>Physical Review Letters</i> , 2013 , 110, 067206	7-4	226
267	Chen and Chien reply. <i>Physical Review Letters</i> , 2013 , 111, 139704	7-4	2
266	Tuning vortex confinement by magnetic domains in a superconductor/ferromagnet bilayer. <i>Physical Review B</i> , 2013 , 87,	3-3	11
265	Thermal spin transport and applications 2012 ,		1
264	Unified formalism of Andreev reflection at a ferromagnet/superconductor interface. <i>Physical Review Letters</i> , 2012 , 109, 146602	7-4	15
263	Transport magnetic proximity effects in platinum. <i>Physical Review Letters</i> , 2012 , 109, 107204	7-4	376
262	Pressure effects on strained FeSe0.5Te0.5 thin films. <i>Journal of Applied Physics</i> , 2012 , 111, 112610	2-5	9
261	Extended Skyrmion phase in epitaxial FeGe(111) thin films. <i>Physical Review Letters</i> , 2012 , 108, 267201	7-4	336
260	Electronic properties of nanoentities revealed by electrically driven rotation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 9309-13	11-5	34

259	Electric-field-assisted switching in magnetic tunnel junctions. <i>Nature Materials</i> , 2011 , 11, 64-8	27	757
258	Rapid thermal annealing study of magnetoresistance and perpendicular anisotropy in magnetic tunnel junctions based on MgO and CoFeB. <i>Applied Physics Letters</i> , 2011 , 99, 102502	3-4	54
257	Enhancement of vortex pinning in superconductor/ferromagnet bilayers via angled demagnetization. <i>Physical Review B</i> , 2011 , 84,	3-3	9
256	Intrinsic spin-dependent thermal transport. <i>Physical Review Letters</i> , 2011 , 107, 216604	7-4	203
255	Boron migration due to annealing in CoFeB/MgO/CoFeB interfaces: A combined hard x-ray photoelectron spectroscopy and x-ray absorption studies. <i>Applied Physics Letters</i> , 2011 , 99, 222502	3-4	15
254	Subcellular-resolution delivery of a cytokine through precisely manipulated nanowires. <i>Nature Nanotechnology</i> , 2010 , 5, 545-51	28.7	140
253	Effects of annealing on the local structure of Fe and Co in CoFeB/MgO/CoFeB tunnel junctions: An extended x-ray-absorption fine structure study. <i>Applied Physics Letters</i> , 2010 , 96, 112502	3-4	27
252	Pronounced effects of additional resistance in Andreev reflection spectroscopy. <i>Physical Review B</i> , 2010 , 81,	3-3	35
251	Tunable phase diagram and vortex pinning in a superconductor-ferromagnet bilayer. <i>Physical Review B</i> , 2010 , 82,	3-3	14
250	Control of tetrahedral coordination and superconductivity in FeSe _{0.5} Te _{0.5} thin films. <i>Physical Review Letters</i> , 2010 , 104, 217002	7-4	63
249	In-Plane Field Effects on the Dynamics of Domain Walls in Ultrathin Co Films With Perpendicular Anisotropy. <i>IEEE Transactions on Magnetics</i> , 2010 , 46, 2220-2223	2	16
248	A BCS-like gap in the superconductor SmFeAsO _{0.85} F _{0.15} . <i>Nature</i> , 2008 , 453, 1224-7	50.4	276
247	Magnetotransport properties of polycrystalline and epitaxial chromium dioxide nanowires. <i>Journal of Applied Physics</i> , 2008 , 103, 07D710	2.5	2
246	Spin polarization of amorphous CoFeB determined by point-contact Andreev reflection. <i>Applied Physics Letters</i> , 2008 , 92, 242509	3-4	87
245	Magnetotransport Properties of Electrodeposited Bismuth Films. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 12018-12023	3.8	28
244	Precision transport and assembling of nanowires in suspension by electric fields. <i>Applied Physics Letters</i> , 2008 , 92, 093115	3-4	56
243	Current-induced multiple spin structures in 100 nm ring magnetic tunnel junctions. <i>Physical Review B</i> , 2008 , 77,	3-3	22
242	Large enhancement of coercivity of magnetic CoPt nanodots with perpendicular anisotropy. <i>Journal of Applied Physics</i> , 2007 , 101, 09J101	2.5	3

241	Asymmetric domain nucleation and unusual magnetization reversal in ultrathin Co films with perpendicular anisotropy. <i>Physical Review Letters</i> , 2007 , 98, 117204	7.4	47
240	Composition controlled spin polarization in Co(1-x)Fe(x)S(2) alloys. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 315219	1.8	30
239	Enhanced Curie temperature and spin polarization in Mn ₄ FeGe ₃ . <i>Applied Physics Letters</i> , 2007 , 91, 142505	3.4	25
238	Enhanced magnetoresistance induced by spin transfer torque in granular films with a magnetic field. <i>Physical Review Letters</i> , 2006 , 96, 207203	7.4	20
237	Determination of domain wall resistance in a cobalt thin film by thickness modulation. <i>Applied Physics Letters</i> , 2006 , 88, 122503	3.4	11
236	Experimental study of the microscopic mechanisms of magnetization reversal in FeNiBeMn exchange-biased ferromagnet/antiferromagnet polycrystalline bilayers using the magneto-optical indicator film technique. <i>Physical Review B</i> , 2006 , 73,	3.3	22
235	Periodicity dependence of exchange bias in [CoPt]NCoO multilayers with perpendicular anisotropy. <i>Journal of Applied Physics</i> , 2006 , 99, 013906	2.5	5
234	Magnetic properties of one-dimensional quasiperiodic CoPt multilayers. <i>Journal of Applied Physics</i> , 2006 , 99, 08C902	2.5	2
233	Sulfur stoichiometry effects in highly spin polarized CoS ₂ single crystals. <i>Applied Physics Letters</i> , 2006 , 88, 232509	3.4	31
232	Unusual magnetization reversal in [CoPt] ₄ multilayers with perpendicular anisotropy. <i>Journal of Applied Physics</i> , 2006 , 99, 08C905	2.5	10
231	Efficiency of assembling of nanowires in suspension by ac electric fields. <i>Applied Physics Letters</i> , 2006 , 89, 223115	3.4	24
230	Composition controlled spin polarization in Co _{1-x} Fe _x S ₂ : Electronic, magnetic, and thermodynamic properties. <i>Physical Review B</i> , 2006 , 73,	3.3	36
229	Determination of spin polarization of Gd and Dy by point-contact Andreev reflection. <i>Journal of Applied Physics</i> , 2006 , 99, 08P902	2.5	8
228	Switching of domains and domain walls in Fe ₅₀ Mn ₅₀ /Ni ₈₁ Fe ₁₉ bilayers with non-180° ferromagnetic domains. <i>Physics of Metals and Metallography</i> , 2006 , 101, S51-S55	1.2	4
227	Determination of multiple easy axes in magnetic multilayers by remanence measurement using a vector magnetometer. <i>Journal of Applied Physics</i> , 2005 , 97, 10J110	2.5	7
226	The enhancement of vortex pinning in ferromagnet/superconductor bilayers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005 , 2, 1650-1655		9
225	Current-induced switching in a single exchange-biased ferromagnetic layer. <i>Journal of Applied Physics</i> , 2005 , 97, 10C709	2.5	3
224	Asymmetrical hysteresis in exchange-biased multilayers with out-of-plane applied fields. <i>Physical Review B</i> , 2005 , 71,	3.3	21

223	Co1-xFexS2: a tunable source of highly spin-polarized electrons. <i>Physical Review Letters</i> , 2005 , 94, 056602	7.4	68
222	Antisymmetric magnetoresistance in magnetic multilayers with perpendicular anisotropy. <i>Physical Review Letters</i> , 2005 , 94, 017203	7.4	48
221	Controllable High-Speed Rotation of Nanowires. <i>Physical Review Letters</i> , 2005 , 94,	7.4	115
220	Perpendicular exchange bias and magnetic anisotropy in CoO/permalloy multilayers. <i>Physical Review B</i> , 2004 , 69,	3.3	51
219	Switching by point-contact spin injection in a continuous film. <i>Applied Physics Letters</i> , 2004 , 84, 380-382	3.4	29
218	Current-driven switching in a single exchange-biased ferromagnetic layer. <i>Physical Review Letters</i> , 2004 , 93, 026601	7.4	50
217	Magnetic and magneto-transport properties of electrodeposited magnetic nano-network on laser modified Au surface. <i>Journal of Applied Physics</i> , 2004 , 95, 6989-6991	2.5	3
216	Manipulation of nanowires in suspension by ac electric fields. <i>Applied Physics Letters</i> , 2004 , 85, 4175-4177	3.4	73
215	Mechanical properties of nanostructured amorphous metal multilayer thin films. <i>Journal of Materials Research</i> , 2004 , 19, 1840-1848	2.5	18
214	Fabrication of Nanoporous Nickel by Electrochemical Dealloying. <i>Chemistry of Materials</i> , 2004 , 16, 3125-3129	3.1	201
213	Half-Metallic Ferromagnetic Oxides. <i>MRS Bulletin</i> , 2003 , 28, 720-724	3.2	110
212	Electrochemical Deposition of FeCo and FeCoV Alloys. <i>Journal of the Electrochemical Society</i> , 2003 , 150, C184	3.9	27
211	Micromagnetic behavior of electrodeposited Ni/Cu multilayer nanowires. <i>Journal of Applied Physics</i> , 2003 , 93, 8253-8255	2.5	59
210	Hybrid domain walls and antiferromagnetic domains in exchange-coupled ferromagnet/antiferromagnet bilayers. <i>Physical Review B</i> , 2003 , 68,	3.3	57
209	Bulk processing of high-performance nanocrystalline intermetallics. <i>Journal of Materials Research</i> , 2003 , 18, 2017-2020	2.5	1
208	Magnetotransport properties of bent ferromagnetic nanowires. <i>Journal of Applied Physics</i> , 2003 , 93, 7616-7618	2.5	17
207	Oscillatory exchange bias due to an antiferromagnet with incommensurate spin-density waves. <i>Physical Review Letters</i> , 2003 , 90, 147201	7.4	20
206	Magnetic core loss of ultrahigh strength FeCo alloys. <i>Journal of Applied Physics</i> , 2003 , 93, 7121-7123	2.5	17

205	Current-induced spin-wave excitations in a single ferromagnetic layer. <i>Physical Review Letters</i> , 2003 , 90, 106601	7.4	106
204	Exchange coupling between Cr and ferromagnetic thin films. <i>Journal of Applied Physics</i> , 2003 , 93, 6829-6831		7
203	Longitudinal and perpendicular exchange bias in FeMn/(FeNi/FeMn) _n multilayers. <i>Journal of Applied Physics</i> , 2003 , 93, 6841-6843	2.5	22
202	Tuning the response of magnetic suspensions. <i>Applied Physics Letters</i> , 2003 , 82, 3310-3312	3.4	51
201	Magnetic properties of epitaxial Mn-doped ZnO thin films. <i>Journal of Applied Physics</i> , 2003 , 93, 7876-7878	2.5	213
200	Multistep magnetic switching in single-crystal (001)Co ₂ MnGe films. <i>Physical Review B</i> , 2002 , 65,	3.3	54
199	Properties of epitaxial chromium dioxide films grown by chemical vapor deposition using a liquid precursor. <i>Journal of Applied Physics</i> , 2002 , 91, 7140	2.5	18
198	Measurement of spin polarization of single crystals of La _{0.7} Sr _{0.3} MnO ₃ and La _{0.6} Sr _{0.4} MnO ₃ . <i>Physical Review B</i> , 2002 , 66,	3.3	38
197	Synthesis and characterization of particle-reinforced Ni/Al ₂ O ₃ nanocomposites. <i>Journal of Materials Research</i> , 2002 , 17, 1412-1418	2.5	60
196	Critical behavior of epitaxial half-metallic ferromagnetic CrO ₂ films. <i>Physical Review B</i> , 2001 , 63,	3.3	24
195	Exchange coupling in nanostructured CoO/NiFe networks. <i>Physical Review B</i> , 2001 , 64,	3.3	33
194	Dependence of exchange coupling on magnetization in Co-Ni/FeMn bilayers. <i>Physical Review B</i> , 2001 , 63,	3.3	22
193	Magnetic anisotropy in prismatic nickel nanowires. <i>Applied Physics Letters</i> , 2001 , 79, 4429-4431	3.4	61
192	Near-complete spin polarization in atomically-smooth chromium-dioxide epitaxial films prepared using a CVD liquid precursor. <i>Physical Review B</i> , 2001 , 64,	3.3	109
191	Andreev reflections at metal/superconductor point contacts: Measurement and analysis. <i>Physical Review B</i> , 2001 , 63,	3.3	242
190	Determination of the spin polarization of half-metallic CrO(2) by point contact Andreev reflection. <i>Physical Review Letters</i> , 2001 , 86, 5585-8	7.4	402
189	Comparison of two models for spin polarization measurements by Andreev reflection. <i>Physical Review B</i> , 2001 , 64,	3.3	25
188	Large magnetoresistance and finite-size effect in electrodeposited bismuth lines. <i>Journal of Applied Physics</i> , 2001 , 89, 7206-7208	2.5	13

187	Electrochemical Deposition of FeCo Alloys and FeCo/TiO ₂ Nanocomposites. <i>Materials Research Society Symposia Proceedings</i> , 2001 , 674, 1		1
186	Dependence of exchange coupling in permalloy/Cr ₈₂ Al ₁₈ bilayers on the constituent layer thickness. <i>Journal of Applied Physics</i> , 2000 , 87, 6659-6661	2.5	18
185	Fabrication of nanoporous single crystal mica templates for electrochemical deposition of nanowire arrays. <i>Journal of Materials Science</i> , 2000 , 35, 1097-1103	4.3	24
184	Shubnikov-De Haas oscillations in electrodeposited single-crystal bismuth films. <i>Physical Review B</i> , 2000 , 61, 6631-6636	3.3	45
183	Finite-size effects in nickel nanowire arrays. <i>Physical Review B</i> , 2000 , 61, R6463-R6466	3.3	111
182	Anisotropy-dependent macroscopic domain structure in wedged-permalloy/uniform-FeMn bilayers. <i>Journal of Applied Physics</i> , 2000 , 87, 5052-5054	2.5	7
181	Spiraling spin structure in an exchange-coupled antiferromagnetic layer. <i>Physical Review Letters</i> , 2000 , 85, 2597-600	7.4	108
180	Asymmetry in elementary events of magnetization reversal in a ferromagnetic/antiferromagnetic bilayer. <i>Physical Review Letters</i> , 2000 , 84, 765-8	7.4	176
179	Uniaxial anisotropy and switching behavior in epitaxial CrO ₂ films. <i>Applied Physics Letters</i> , 2000 , 77, 286-288	3.4	71
178	Magnetotransport properties of bismuth films on p-GaAs. <i>Journal of Applied Physics</i> , 2000 , 88, 6529-6535	2.5	39
177	Very large magnetoresistance in electrodeposited single-crystal Bi thin films (invited). <i>Journal of Applied Physics</i> , 2000 , 87, 4659-4664	2.5	35
176	Anisotropy in magnetic and mechanical properties in textured Hiperco [®] FeCoV alloys. <i>Journal of Applied Physics</i> , 2000 , 87, 6508-6510	2.5	15
175	Magnetic characterization and modeling of FeMn/Co/Ru/Co artificial antiferromagnets. <i>Physical Review B</i> , 2000 , 62, 13896-13898	3.3	15
174	Microstructure and Hall-Petch behavior of Fe-Co-based Hiperco [®] alloys. <i>Journal of Materials Research</i> , 2000 , 15, 835-837	2.5	22
173	Doubly exchange-biased NiCoO/NiFe/Cu/NiFe/NiCoO spin valves. <i>Journal of Applied Physics</i> , 1999 , 85, 6124-6126	2.5	11
172	Memory effects of exchange coupling in ferromagnet/antiferromagnet bilayers. <i>Physical Review B</i> , 1999 , 60, 3033-3036	3.3	72
171	Memory effects of exchange coupling in CoO/Ni ₈₁ Fe ₁₉ bilayers. <i>Journal of Applied Physics</i> , 1999 , 85, 5516-5518	2.5	36
170	Exchange coupling in the paramagnetic state. <i>Physical Review B</i> , 1999 , 60, 72-75	3.3	63

169	Large magnetoresistance of electrodeposited single-crystal bismuth thin films. <i>Science</i> , 1999 , 284, 1335-1338	3.3	437
168	Large Magnetoresistance and Finite-Size Effects in Electrodeposited Single-Crystal Bi Thin Films. <i>Physical Review Letters</i> , 1999 , 82, 3328-3331	7.4	118
167	Magneto-impedance effects in multilayered permalloy materials. <i>Journal of Applied Physics</i> , 1999 , 86, 1057-1061	2.5	23
166	Electrochemical deposition of nickel nanowire arrays in single-crystal mica films. <i>Applied Physics Letters</i> , 1999 , 74, 2803-2805	3.4	93
165	Low-field magnetoresistance anisotropy in ultrathin Pr _{0.67} Sr _{0.33} MnO ₃ films grown on different substrates. <i>Applied Physics Letters</i> , 1999 , 74, 2212-2214	3.4	114
164	Exchange coupling in Fe ₅₀ Mn ₅₀ /Ni ₈₁ Fe ₁₉ bilayer: Dependence on antiferromagnetic layer thickness. <i>Journal of Applied Physics</i> , 1999 , 85, 4931-4933	2.5	68
163	Nanoindentation Study of Amorphous Metal Multilayered Thin Films. <i>Materials Research Society Symposia Proceedings</i> , 1999 , 594, 25		5
162	Giant positive magnetoresistance of Bi nanowire arrays in high magnetic fields. <i>Journal of Applied Physics</i> , 1999 , 85, 6184-6186	2.5	60
161	Finite-size effects in bismuth nanowires. <i>Physical Review B</i> , 1998 , 58, R14681-R14684	3.3	123
160	Structural and magneto-transport properties of electrodeposited bismuth nanowires. <i>Applied Physics Letters</i> , 1998 , 73, 1436-1438	3.4	176
159	Dependence of exchange coupling on antiferromagnetic layer thickness in NiFe/CoO bilayers. <i>Journal of Applied Physics</i> , 1998 , 83, 6822-6824	2.5	114
158	Dependence of exchange field and coercivity on cooling field in NiFe/CoO bilayers. <i>Journal of Applied Physics</i> , 1998 , 83, 7222-7224	2.5	49
157	Exchange bias and spin-valve structures using amorphous ferromagnetic Co ₆₅ Mo ₂ B ₃₃ layers. <i>Applied Physics Letters</i> , 1998 , 72, 2176-2178	3.4	26
156	Exchange coupling and macroscopic domain structure in a wedged permalloy/FeMn bilayer. <i>Physical Review B</i> , 1998 , 58, R14717-R14720	3.3	41
155	Exchange Coupling in Ferromagnet/Antiferromagnet Bilayers with Comparable TC and TN. <i>Physical Review Letters</i> , 1998 , 81, 2795-2798	7.4	73
154	Effect of magnetic field on the superparamagnetic relaxation in granular Co-Ag samples. <i>Applied Physics Letters</i> , 1998 , 72, 2053-2055	3.4	59
153	Angular dependence of exchange coupling in ferromagnet/antiferromagnet bilayers. <i>Physical Review B</i> , 1997 , 56, 83-86	3.3	186
152	Proximity and coupling effects in superconductor/ferromagnet multilayers (invited). <i>Journal of Applied Physics</i> , 1997 , 81, 5358-5363	2.5	21

151	Studies of deposition order anomaly of exchange coupling in bilayers and trilayers of NiFe and CoO. <i>Journal of Applied Physics</i> , 1997 , 81, 5007-5009	2.5	20
150	Effects of Fe doping in the colossal magnetoresistive La _{1-x} CaxMnO ₃ . <i>Journal of Applied Physics</i> , 1997 , 81, 5505-5507	2.5	106
149	Long-range exchange coupling between a ferromagnet and an antiferromagnet across a nonmagnetic spacer layer. <i>Journal of Applied Physics</i> , 1997 , 81, 4999-5001	2.5	24
148	Long-Range Exchange Bias across a Spacer Layer. <i>Physical Review Letters</i> , 1997 , 79, 4270-4273	7.4	166
147	Perpendicular Anisotropy and Domain Structure in Granular Magnetic Solids 1997 , 505-509		
146	Finite-size effects and uncompensated magnetization in thin antiferromagnetic CoO layers. <i>Physical Review Letters</i> , 1996 , 76, 1743-1746	7.4	291
145	Observation of perpendicular anisotropy in granular magnetic solids. <i>Journal of Applied Physics</i> , 1996 , 79, 5309	2.5	26
144	Magnetic domain percolation in granular Co-Ag. <i>Journal of Applied Physics</i> , 1996 , 79, 5306	2.5	7
143	Annealing and geometric effects in the magneto-impedance of amorphous Co _{70.4} Fe _{4.6} Si ₁₅ B ₁₀ alloys. <i>Journal of Applied Physics</i> , 1996 , 79, 6117	2.5	5
142	Superconducting transition in Nb/Gd/Nb trilayers. <i>Physical Review B</i> , 1996 , 54, 6119-6121	3.3	41
141	Magnetization and finite-size effects in Gd/W multilayers. <i>Journal of Applied Physics</i> , 1996 , 79, 5615	2.5	43
140	Longitudinal, transverse, and perpendicular magnetoimpedance in nearly zero magnetostrictive amorphous alloys. <i>Physical Review B</i> , 1996 , 53, R5982-R5985	3.3	27
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