

Chia-Ling Chien

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ext. citations

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#	Paper	IF	Citations
312	Giant magnetoresistance in nonmultilayer magnetic systems. <i>Physical Review Letters</i> , 1992 , 68, 3749-3752	7.4	1493
311	Fabrication and magnetic properties of arrays of metallic nanowires. <i>Science</i> , 1993 , 261, 1316-9	33.3	1065
310	Electric-field-assisted switching in magnetic tunnel junctions. <i>Nature Materials</i> , 2011 , 11, 64-8	27	757
309	Large magnetoresistance of electrodeposited single-crystal bismuth thin films. <i>Science</i> , 1999 , 284, 1335-33	33.3	437
308	Effect of transition-metal elements on the superconductivity of Y-Ba-Cu-O. <i>Physical Review B</i> , 1987 , 35, 8782-8784	3.3	415
307	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
306	Transport magnetic proximity effects in platinum. <i>Physical Review Letters</i> , 2012 , 109, 107204	7.4	376
305	Oscillatory superconducting transition temperature in Nb/Gd multilayers. <i>Physical Review Letters</i> , 1995 , 74, 314-317	7.4	337
304	Extended Skyrmion phase in epitaxial FeGe(111) thin films. <i>Physical Review Letters</i> , 2012 , 108, 267201	7.4	336
303	Granular magnetic solids (invited). <i>Journal of Applied Physics</i> , 1991 , 69, 5267-5272	2.5	331
302	Giant negative magnetoresistance in granular ferromagnetic systems (invited). <i>Journal of Applied Physics</i> , 1993 , 73, 5309-5314	2.5	306
301	High-temperature superconductivity in tetragonal perovskite structures: Is oxygen-vacancy order important?. <i>Physical Review Letters</i> , 1988 , 60, 1446-1449	7.4	306
300	Magnetic pair-breaking effects: Moment formation and critical doping level in superconducting La _{1.85} Sr _{0.15} Cu _{1-x} A _x O ₄ systems (A=Fe,Co,Ni,Zn,Ga,Al). <i>Physical Review B</i> , 1990 , 42, 8752-8755	3.3	293
299	Finite-size effects and uncompensated magnetization in thin antiferromagnetic CoO layers. <i>Physical Review Letters</i> , 1996 , 76, 1743-1746	7.4	291
298	A BCS-like gap in the superconductor SmFeAsO _{0.85} F _{0.15} . <i>Nature</i> , 2008 , 453, 1224-7	50.4	276
297	Perpendicular giant magnetoresistance of multilayered Co/Cu nanowires. <i>Physical Review B</i> , 1995 , 51, 7381-7384	3.3	258
296	Andreev reflections at metal/superconductor point contacts: Measurement and analysis. <i>Physical Review B</i> , 2001 , 63,	3.3	242

295	Reentrant magnetic behavior in fcc Co-Cu alloys. <i>Physical Review B</i> , 1991 , 43, 8089-8093	3.3	237
294	Magnetic properties of Fe _x Cu _{100-x} solid solutions. <i>Physical Review B</i> , 1986 , 33, 3247-3250	3.3	229
293	Intrinsic spin Seebeck effect in Au/YIG. <i>Physical Review Letters</i> , 2013 , 110, 067206	7.4	226
292	Extraordinary Hall effect and giant magnetoresistance in the granular Co-Ag system. <i>Physical Review Letters</i> , 1992 , 69, 3220-3223	7.4	222
291	Magnetic properties of epitaxial Mn-doped ZnO thin films. <i>Journal of Applied Physics</i> , 2003 , 93, 7876-7878	8.5	213
290	Magnetic properties of amorphous Fe _x B _{100-x} . <i>Physical Review B</i> , 1979 , 20, 283-295	3.3	211
289	Inverse spin Hall effect in a ferromagnetic metal. <i>Physical Review Letters</i> , 2013 , 111, 066602	7.4	205
288	Intrinsic spin-dependent thermal transport. <i>Physical Review Letters</i> , 2011 , 107, 216604	7.4	203
287	Significance of plane versus chain sites in high-temperature oxide superconductors. <i>Nature</i> , 1988 , 332, 238-240	50.4	203
286	Fabrication of Nanoporous Nickel by Electrochemical Dealloying. <i>Chemistry of Materials</i> , 2004 , 16, 3125-3129	3.129	201
285	Angular dependence of exchange coupling in ferromagnet/antiferromagnet bilayers. <i>Physical Review B</i> , 1997 , 56, 83-86	3.3	186
284	Asymmetry in elementary events of magnetization reversal in a ferromagnetic/antiferromagnetic bilayer. <i>Physical Review Letters</i> , 2000 , 84, 765-8	7.4	176
283	Structural and magneto-transport properties of electrodeposited bismuth nanowires. <i>Applied Physics Letters</i> , 1998 , 73, 1436-1438	3.4	176
282	Giant magnetoresistance in the granular Co-Ag system. <i>Physical Review B</i> , 1992 , 46, 9266-9269	3.3	175
281	Pt magnetic polarization on Y ₃ Fe ₅ O ₁₂ and magnetotransport characteristics. <i>Physical Review Letters</i> , 2013 , 110, 147207	7.4	173
280	Enhancement of Thermally Injected Spin Current through an Antiferromagnetic Insulator. <i>Physical Review Letters</i> , 2016 , 116, 186601	7.4	168
279	Long-Range Exchange Bias across a Spacer Layer. <i>Physical Review Letters</i> , 1997 , 79, 4270-4273	7.4	166
278	Longitudinal and transverse magneto-impedance in amorphous Fe _{73.5} Cu ₁ Nb ₃ Si _{13.5} B ₉ films. <i>Applied Physics Letters</i> , 1995 , 67, 3346-3348	3.4	158

277	Giant magnetic coercivity and percolation effects in granular Fe-(SiO ₂) solids. <i>Applied Physics Letters</i> , 1987 , 51, 1280-1282	3.4	155
276	Mössbauer study of a binary amorphous ferromagnet: Fe ₈₀ B ₂₀ . <i>Physical Review B</i> , 1978 , 18, 1003-1015	3.3	141
275	Subcellular-resolution delivery of a cytokine through precisely manipulated nanowires. <i>Nature Nanotechnology</i> , 2010 , 5, 545-51	28.7	140
274	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
273	Magnetic properties and hyperfine interactions in amorphous Fe-Zr alloys. <i>Physical Review B</i> , 1984 , 30, 4968-4974	3.3	134
272	Role of magnetic anisotropy in the magnetoimpedance effect in amorphous alloys. <i>Applied Physics Letters</i> , 1995 , 67, 857-859	3.4	132
271	Magnetic relaxation in Fe-(SiO ₂) granular films. <i>Physical Review B</i> , 1986 , 34, 7573-7577	3.3	129
270	Finite-size effects in bismuth nanowires. <i>Physical Review B</i> , 1998 , 58, R14681-R14684	3.3	123
269	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
268	T ₃₂ dependence of hyperfine field and spin-wave excitations in ferromagnetic metallic glasses. <i>Physical Review B</i> , 1977 , 16, 2115-2123	3.3	117
267	Controllable High-Speed Rotation of Nanowires. <i>Physical Review Letters</i> , 2005 , 94,	7.4	115
266	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
265	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
264	Correlation between superconductivity and normal-state properties in the La _{1.85} Sr _{0.15} (Cu _{1-x} Zn _x)O ₄ system. <i>Physical Review B</i> , 1989 , 39, 315-321	3.3	114
263	Finite-size effects in nickel nanowire arrays. <i>Physical Review B</i> , 2000 , 61, R6463-R6466	3.3	111
262	Granular cobalt in a metallic matrix. <i>Journal of Applied Physics</i> , 1991 , 70, 5885-5887	2.5	111
261	Half-Metallic Ferromagnetic Oxides. <i>MRS Bulletin</i> , 2003 , 28, 720-724	3.2	110
260	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

259	Spiraling spin structure in an exchange-coupled antiferromagnetic layer. <i>Physical Review Letters</i> , 2000 , 85, 2597-600	7.4	108
258	Effects of Fe doping in the colossal magnetoresistive $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Journal of Applied Physics</i> , 1997 , 81, 5505-5507	2.5	106
257	Current-induced spin-wave excitations in a single ferromagnetic layer. <i>Physical Review Letters</i> , 2003 , 90, 106601	7.4	106
256	Magnetism and Giant Magneto-Transport Properties in Granular Solids. <i>Annual Review of Materials Research</i> , 1995 , 25, 129-160		106
255	Physical origins of the new magnetoresistance in Pt/YIG. <i>Physical Review Letters</i> , 2014 , 112, 236601	7.4	104
254	Granular Fe in a metallic matrix. <i>Applied Physics Letters</i> , 1990 , 56, 95-97	3.4	99
253	Magnetic hyperfine interactions in amorphous $\text{Fe}_{80}\text{B}_{20}$. <i>Physical Review B</i> , 1982 , 25, 5790-5796	3.3	95
252	Electrochemical deposition of nickel nanowire arrays in single-crystal mica films. <i>Applied Physics Letters</i> , 1999 , 74, 2803-2805	3.4	93
251	Incorporation of gold into $\text{YBa}_2\text{Cu}_3\text{O}_7$: Structure and T_c enhancement. <i>Physical Review B</i> , 1990 , 42, 6200-6208	3.3	91
250	Magnetic properties of amorphous $\text{Fe}_{80}\text{B}_{20}$. <i>Physical Review B</i> , 1981 , 24, 1556-1558	3.3	91
249	Mössbauer study of a glassy ferromagnet: $\text{Fe}_{40}\text{Ni}_{40}\text{P}_{14}\text{B}_6$. <i>Physical Review B</i> , 1977 , 16, 3024-3035	3.3	91
248	Granular metal films as recording media. <i>Applied Physics Letters</i> , 1988 , 52, 512-514	3.4	89
247	Spin polarization of amorphous CoFeB determined by point-contact Andreev reflection. <i>Applied Physics Letters</i> , 2008 , 92, 242509	3.4	87
246	Spin-wave excitations and low-temperature magnetization in the amorphous metallic ferromagnetic $\text{Fe}_{75}\text{Ni}_{15}\text{P}_{16}\text{B}_6\text{Al}_3$. <i>Physical Review B</i> , 1978 , 18, 2192-2195	3.3	87
245	Hybrid magnetoresistance in the proximity of a ferromagnet. <i>Physical Review B</i> , 2013 , 87,	3.3	86
244	Temperature dependence of spontaneous magnetization of ultrafine Fe particles in Fe-SiO_2 granular solids. <i>Journal of Applied Physics</i> , 1987 , 61, 3308-3310	2.5	83
243	Manipulation of nanowires in suspension by ac electric fields. <i>Applied Physics Letters</i> , 2004 , 85, 4175-4177	3.4	73
242	Exchange Coupling in Ferromagnet/Antiferromagnet Bilayers with Comparable T_C and T_N . <i>Physical Review Letters</i> , 1998 , 81, 2795-2798	7.4	73

241	Memory effects of exchange coupling in ferromagnet/antiferromagnet bilayers. <i>Physical Review B</i> , 1999 , 60, 3033-3036	3.3	72
240	Switching a Perpendicular Ferromagnetic Layer by Competing Spin Currents. <i>Physical Review Letters</i> , 2018 , 120, 117703	7.4	71
239	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
238	Uniaxial anisotropy and switching behavior in epitaxial CrO ₂ films. <i>Applied Physics Letters</i> , 2000 , 77, 286-288	3.4	71
237	Co _{1-x} FexS ₂ : a tunable source of highly spin-polarized electrons. <i>Physical Review Letters</i> , 2005 , 94, 056602	7.4	68
236	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
235	Magnetic dynamics in copper-oxide-based antiferromagnets: The role of interlayer coupling. <i>Physical Review Letters</i> , 1990 , 64, 2571-2574	7.4	67
234	Electrical transport and superconductivity in a Au-YBa ₂ Cu ₃ O ₇ percolation system. <i>Physical Review B</i> , 1988 , 38, 776-779	3.3	67
233	Mössbauer study of sputtered Fe-Ti alloys with wide composition range. <i>Journal of Applied Physics</i> , 1984 , 55, 1820-1822	2.5	66
232	Three states of Al ₆₅ Cu ₂₀ Fe ₁₅ : Amorphous, crystalline, and quasicrystalline. <i>Physical Review B</i> , 1992 , 45, 12793-12796	3.3	65
231	Proximity effects in superconductor/insulating-ferromagnet NbN/GdN multilayers. <i>Physical Review Letters</i> , 1996 , 76, 1727-1730	7.4	64
230	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
229	Exchange coupling in the paramagnetic state. <i>Physical Review B</i> , 1999 , 60, 72-75	3.3	63
228	Magnetic anisotropy in prismatic nickel nanowires. <i>Applied Physics Letters</i> , 2001 , 79, 4429-4431	3.4	61
227	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
226	Giant positive magnetoresistance of Bi nanowire arrays in high magnetic fields. <i>Journal of Applied Physics</i> , 1999 , 85, 6184-6186	2.5	60
225	Metal-insulator transition in La _{1.85} Sr _{0.15} CuO ₄ with various substitutions for Cu. <i>Physical Review B</i> , 1992 , 46, 5536-5547	3.3	60
224	Micromagnetic behavior of electrodeposited Ni/Cu multilayer nanowires. <i>Journal of Applied Physics</i> , 2003 , 93, 8253-8255	2.5	59

223	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
222	Magnetic properties and giant magnetoresistance of granular permalloy in silver. <i>Applied Physics Letters</i> , 1992 , 61, 2362-2364	3-4	59
221	Fabrication and magnetic properties of granular alloys. <i>Journal of Applied Physics</i> , 1990 , 67, 938-942	2-5	59
220	Composition range of binary amorphous alloys. <i>Physical Review B</i> , 1987 , 35, 2443-2446	3-3	59
219	Hybrid domain walls and antiferromagnetic domains in exchange-coupled ferromagnet/antiferromagnet bilayers. <i>Physical Review B</i> , 2003 , 68,	3-3	57
218	Absence of Evidence of Electrical Switching of the Antiferromagnetic Néel Vector. <i>Physical Review Letters</i> , 2019 , 123, 227203	7-4	57
217	Precision transport and assembling of nanowires in suspension by electric fields. <i>Applied Physics Letters</i> , 2008 , 92, 093115	3-4	56
216	Mössbauer study of an amorphous magnetic solid containing Cr. <i>Physical Review B</i> , 1979 , 19, 81-86	3-3	55
215	Theory and experiment on cavity magnon-polariton in the one-dimensional configuration. <i>Physical Review B</i> , 2015 , 92,	3-3	54
214	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
213	Multistep magnetic switching in single-crystal (001)Co ₂ MnGe films. <i>Physical Review B</i> , 2002 , 65,	3-3	54
212	Nonuniqueness of the state of amorphous pure iron. <i>Physical Review B</i> , 1987 , 35, 8763-8766	3-3	54
211	Anomalous Hall effect in thin films of the Weyl antiferromagnet Mn ₃ Sn. <i>Applied Physics Letters</i> , 2018 , 113, 202402	3-4	54
210	Superconducting and normal-state properties of La _{1.85} Sr _{0.15} Cu _{1-x} GaxBO ₄ . <i>Physical Review B</i> , 1989 , 39, 4222-4230	3-3	53
209	Evidence of dimensional crossover of the spin-glass transition in thin CuMn multilayers. <i>Physical Review Letters</i> , 1990 , 64, 2438-2441	7-4	53
208	Magnetic rare-earth superlattices (invited). <i>Journal of Applied Physics</i> , 1988 , 63, 3447-3452	2-5	53
207	Magnetic properties and hyperfine interactions in concentrated Fe-Ag alloys. <i>Physical Review B</i> , 1983 , 28, 1214-1218	3-3	52
206	Perpendicular exchange bias and magnetic anisotropy in CoO/permalloy multilayers. <i>Physical Review B</i> , 2004 , 69,	3-3	51

205	Tuning the response of magnetic suspensions. <i>Applied Physics Letters</i> , 2003 , 82, 3310-3312	3.4	51
204	Inverse spin Hall effect in Cr: Independence of antiferromagnetic ordering. <i>Physical Review B</i> , 2015 , 92,	3.3	50
203	Voltage-induced switching in magnetic tunnel junctions with perpendicular magnetic anisotropy. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 074004	3	50
202	Current-driven switching in a single exchange-biased ferromagnetic layer. <i>Physical Review Letters</i> , 2004 , 93, 026601	7.4	50
201	Particle size dependence of the magnetic properties of ultrafine granular films. <i>Journal of Applied Physics</i> , 1988 , 63, 4240-4242	2.5	50
200	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
199	Magnetic properties of exchange coupled NiFe/CoO/NiFe trilayers. <i>Applied Physics Letters</i> , 1994 , 65, 1967-1969	3.4	49
198	Antisymmetric magnetoresistance in magnetic multilayers with perpendicular anisotropy. <i>Physical Review Letters</i> , 2005 , 94, 017203	7.4	48
197	Radio frequency reactive sputtered iron nitrides using ammonia gas: Structure and magnetic properties. <i>Applied Physics Letters</i> , 1994 , 64, 384-386	3.4	48
196	Enhanced magnetic coercivity in magnetic granular solids. <i>Journal of Applied Physics</i> , 1988 , 63, 4252-4254	4.5	48
195	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
194	Magnetic properties of Gd/Dy superlattices: Experiment and theory. <i>Physical Review Letters</i> , 1990 , 64, 2703-2706	7.4	47
193	Static vacancies in antiferromagnetic La ₂ CuO ₄ and superconducting La _{2-x} Sr _x CuO ₄ . <i>Physical Review B</i> , 1990 , 42, 240-243	3.3	46
192	Shubnikov-De Haas oscillations in electrodeposited single-crystal bismuth films. <i>Physical Review B</i> , 2000 , 61, 6631-6636	3.3	45
191	Giant magneto-impedance effects in Metglas 2705M. <i>Journal of Applied Physics</i> , 1996 , 79, 5139	2.5	44
190	Magnetization and finite-size effects in Gd/W multilayers. <i>Journal of Applied Physics</i> , 1996 , 79, 5615	2.5	43
189	Exchange coupling and macroscopic domain structure in a wedged permalloy/FeMn bilayer. <i>Physical Review B</i> , 1998 , 58, R14717-R14720	3.3	41
188	Superconducting transition in Nb/Gd/Nb trilayers. <i>Physical Review B</i> , 1996 , 54, 6119-6121	3.3	41

187	Systematic study of $(\text{La}_{1-x}\text{Gd}_x)_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ ($0 < x < 1$). <i>Physical Review B</i> , 1989 , 40, 4538-4548	3-3	41
186	Finite-size scaling in thin antiferromagnetic CoO layers. <i>Journal of Applied Physics</i> , 1996 , 79, 5920	2-5	40
185	Effect of noble metal buffer layers on superconducting $\text{YBa}_2\text{Cu}_3\text{O}_7$ thin films. <i>Applied Physics Letters</i> , 1987 , 51, 2155-2157	3-4	40
184	Topological charge analysis of ultrafast single skyrmion creation. <i>Physical Review B</i> , 2016 , 93,	3-3	39
183	Magnetotransport properties of bismuth films on p-GaAs. <i>Journal of Applied Physics</i> , 2000 , 88, 6529-6535	2-5	39
182	Effects of Mo on the magnetic properties of amorphous $(\text{Fe}_x\text{Mo}_{1-x})_{75}\text{P}_{16}\text{B}_6\text{Al}_3$. <i>Journal of Applied Physics</i> , 1979 , 50, 1574-1576	2-5	39
181	Measurement of spin polarization of single crystals of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ and $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$. <i>Physical Review B</i> , 2002 , 66,	3-3	38
180	Manipulation of pure spin current in ferromagnetic metals independent of magnetization. <i>Physical Review B</i> , 2016 , 94,	3-3	37
179	Domain structures in magnetoresistive granular metals. <i>Applied Physics Letters</i> , 1995 , 66, 1683-1685	3-4	37
178	Ferromagnetism in metastable 304 stainless steel with bcc structure. <i>Journal of Applied Physics</i> , 1988 , 64, 6059-6061	2-5	37
177	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
176	Composition controlled spin polarization in $\text{Co}_{1-x}\text{Fe}_x\text{S}_2$: Electronic, magnetic, and thermodynamic properties. <i>Physical Review B</i> , 2006 , 73,	3-3	36
175	Memory effects of exchange coupling in $\text{CoO}/\text{Ni}_{81}\text{Fe}_{19}$ bilayers. <i>Journal of Applied Physics</i> , 1999 , 85, 5516-5518	2-5	36
174	Magnetothermal transport properties of granular Co-Ag solids. <i>Physical Review B</i> , 1993 , 48, 638-641	3-3	36
173	Magnetization, Curie temperature, and magnetic anisotropy of strained (111) Ni/Au superlattices. <i>Physical Review B</i> , 1992 , 45, 2855-2862	3-3	36
172	Magnetic properties of [100] oriented Cu-Ni superlattices. <i>Journal of Applied Physics</i> , 1987 , 61, 4061-4063	2-5	36
171	Pronounced effects of additional resistance in Andreev reflection spectroscopy. <i>Physical Review B</i> , 2010 , 81,	3-3	35
170	Very large magnetoresistance in electrodeposited single-crystal Bi thin films (invited). <i>Journal of Applied Physics</i> , 2000 , 87, 4659-4664	2-5	35

169	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
168	Separation of spin Seebeck effect and anomalous Nernst effect in Co/Cu/YIG. <i>Applied Physics Letters</i> , 2015 , 106, 212407	3.4	33
167	Exchange coupling in nanostructured CoO/NiFe networks. <i>Physical Review B</i> , 2001 , 64,	3.3	33
166	Absence of anomalous Nernst effect in spin Seebeck effect of Pt/YIG. <i>AIP Advances</i> , 2016 , 6, 015018	1.5	33
165	Large Anomalous Nernst Effect in a van der Waals Ferromagnet FeGeTe. <i>Nano Letters</i> , 2019 , 19, 8250-8254	5.5	32
164	Structural and Mössbauer studies of Fe _{1-x} Al _x alloys over the entire composition range. <i>Hyperfine Interactions</i> , 1992 , 69, 451-454	0.8	32
163	Hyperfine field distribution in amorphous (Fe _x Ni _{1-x}) ₈₀ P ₁₄ B ₆ . <i>Journal of Physics F: Metal Physics</i> , 1978 , 8, 2407-2415		32
162	Sulfur stoichiometry effects in highly spin polarized CoS ₂ single crystals. <i>Applied Physics Letters</i> , 2006 , 88, 232509	3.4	31
161	Asymmetrical effects of copper-site holes versus oxygen-site holes in La-Sr-Cu-O. <i>Physical Review B</i> , 1991 , 43, 1245-1248	3.3	31
160	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
159	Superconducting Au-YBa ₂ Cu ₃ O ₇ composites. <i>Applied Physics Letters</i> , 1988 , 52, 927-929	3.4	30
158	Switching by point-contact spin injection in a continuous film. <i>Applied Physics Letters</i> , 2004 , 84, 380-382	3.4	29
157	Magnetotransport Properties of Electrodeposited Bismuth Films. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 12018-12023	3.8	28
156	Formation threshold and structural evolution of molybdenum nanocrystals with sputtering pressure. <i>Journal of Materials Research</i> , 1991 , 6, 8-10	2.5	28
155	Easy axis of amorphous ferromagnet Fe ₄₀ Ni ₄₀ P ₁₄ B ₆ . <i>Journal of Applied Physics</i> , 1976 , 47, 2234-2236	2.5	28
154	Temperature dependence of angular momentum transport across interfaces. <i>Physical Review B</i> , 2016 , 94,	3.3	28
153	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
152	Electrochemical Deposition of FeCo and FeCoV Alloys. <i>Journal of the Electrochemical Society</i> , 2003 , 150, C184	3.9	27

151	Longitudinal, transverse, and perpendicular magnetoimpedance in nearly zero magnetostrictive amorphous alloys. <i>Physical Review B</i> , 1996 , 53, R5982-R5985	3.3	27
150	Crystalline and amorphous FeTi and Fe ₂ Ti. <i>Physical Review B</i> , 1985 , 31, 8238-8241	3.3	27
149	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
148	Observation of perpendicular anisotropy in granular magnetic solids. <i>Journal of Applied Physics</i> , 1996 , 79, 5309	2.5	26
147	Structural and magnetic properties of Fe-W alloys. <i>Journal of Applied Physics</i> , 1990 , 67, 5787-5789	2.5	26
146	Enhanced Curie temperature and spin polarization in Mn ₄ FeGe ₃ . <i>Applied Physics Letters</i> , 2007 , 91, 142505	3.4	25
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