

# Laszlo Szunyogh

## List of Publications by Citations

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132  
papers

3,203  
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140  
ext. papers

3,567  
ext. citations

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avg, IF

4.93  
L-index

#	Paper	IF	Citations
132	Theory and convergence properties of the screened Korringa-Kohn-Rostoker method. <i>Physical Review B</i> , <b>1995</b> , 52, 8807-8812	3.3	277
131	Theory of the fano resonance in the STM tunneling density of states due to a single kondo impurity. <i>Physical Review Letters</i> , <b>2000</b> , 85, 2557-60	7.4	249
130	Self-consistent localized KKR scheme for surfaces and interfaces. <i>Physical Review B</i> , <b>1994</b> , 49, 2721-2729	3.3	184
129	Magnetic anisotropy of iron multilayers on Au(001): First-principles calculations in terms of the fully relativistic spin-polarized screened KKR method. <i>Physical Review B</i> , <b>1995</b> , 51, 9552-9559	3.3	181
128	Temperature dependent magnetic anisotropy in metallic magnets from an ab initio electronic structure theory: L1(0)-ordered FePt. <i>Physical Review Letters</i> , <b>2004</b> , 93, 257204	7.4	147
127	Toward tailoring Majorana bound states in artificially constructed magnetic atom chains on elemental superconductors. <i>Science Advances</i> , <b>2018</b> , 4, eaar5251	14.3	134
126	First-Principles Calculation of the Anomalous Perpendicular Anisotropy in a Co Monolayer on Au(111). <i>Physical Review Letters</i> , <b>1996</b> , 77, 1805-1808	7.4	127
125	Chiral asymmetry of the spin-wave spectra in ultrathin magnetic films. <i>Physical Review Letters</i> , <b>2009</b> , 102, 207204	7.4	109
124	Long-range chemical order effects upon the magnetic anisotropy of FePt alloys from an ab initio electronic structure theory. <i>Journal of Physics Condensed Matter</i> , <b>2004</b> , 16, S5623-S5631	1.8	65
123	Lattice Relaxation Driven Reorientation Transition in Ni/Cu(100). <i>Physical Review Letters</i> , <b>1999</b> , 82, 1289-1292	7.4	64
122	Imaging spin-reorientation transitions in consecutive atomic Co layers on Ru(0001). <i>Physical Review Letters</i> , <b>2006</b> , 96, 147202	7.4	61
121	Interatomic exchange interactions for finite-temperature magnetism and nonequilibrium spin dynamics. <i>Physical Review Letters</i> , <b>2013</b> , 111, 127204	7.4	60
120	Skyrmions with Attractive Interactions in an Ultrathin Magnetic Film. <i>Physical Review Letters</i> , <b>2016</b> , 117, 157205	7.4	56
119	Spin polarization on Fermi surfaces of metals by the KKR method. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	52
118	Ab initio calculations of magnetotransport for magnetic multilayers. <i>Physical Review B</i> , <b>1999</b> , 60, 492-501	3.3	52
117	Magnetic anisotropy in Fe/Cu(001) overlayers and interlayers: The high-moment ferromagnetic phase. <i>Physical Review B</i> , <b>1996</b> , 54, 9883-9890	3.3	52
116	'Band structure' and electrical conductivity of disordered layered systems. <i>Journal of Physics Condensed Matter</i> , <b>1996</b> , 8, 7677-7688	1.8	51

115	Formation and stability of metastable skyrmionic spin structures with various topologies in an ultrathin film. <i>Physical Review B</i> , <b>2017</b> , 95,	3-3	49
114	Perpendicular magnetism in magnetic multilayer systems. <i>Computational Materials Science</i> , <b>2000</b> , 17, 414-437	3-2	47
113	First-principles study of spin-dependent thermoelectric properties of half-metallic Heusler thin films between platinum leads. <i>Physical Review B</i> , <b>2014</b> , 89,	3-3	45
112	Complex magnetic phase diagram and skyrmion lifetime in an ultrathin film from atomistic simulations. <i>Physical Review B</i> , <b>2016</b> , 93,	3-3	44
111	Oscillatory behavior of the magnetic anisotropy energy in Cu(100)/Co multilayer systems. <i>Physical Review B</i> , <b>1997</b> , 56, 14036-14044	3-3	43
110	Exchange bias driven by Dzyaloshinskii-Moriya interactions. <i>Physical Review Letters</i> , <b>2013</b> , 111, 217202	7-4	42
109	Magnetism of 4d and 5d adlayers on Ag(001) and Au(001): Comparison between a nonrelativistic and a fully relativistic approach. <i>Physical Review B</i> , <b>1995</b> , 51, 12836-12839	3-3	37
108	Magnetic structure and anisotropy in Fe/Cu(001) over- and interlayers with antiferromagnetic interlayer coupling. <i>Physical Review B</i> , <b>1997</b> , 55, 14392-14396	3-3	32
107	Onset of magnetic order in fcc-Fe films on Cu(100). <i>Physical Review Letters</i> , <b>2002</b> , 88, 147201	7-4	32
106	Magnetic properties of thin films of Co and of (CoPt) superstructures on Pt(100) and Pt(111). <i>Physical Review B</i> , <b>1999</b> , 60, 414-421	3-3	31
105	Development of antiferromagnetic Heusler alloys for the replacement of iridium as a critically raw material. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 443001	3	29
104	Noble metal capping effects on the spin-reorientation transitions of Co/Ru(0001). <i>New Journal of Physics</i> , <b>2008</b> , 10, 073024	2-9	29
103	Inducing skyrmions in ultrathin Fe films by hydrogen exposure. <i>Nature Communications</i> , <b>2018</b> , 9, 1571	17-4	27
102	Overlayer-dependent magnetic moment and anisotropy of a Co monolayer on Cu(100). <i>Physical Review B</i> , <b>1998</b> , 57, 8838-8841	3-3	25
101	Antiferromagnetism in Ru <sub>2</sub> MnZ (Z=Sn,Sb,Ge,Si) full Heusler alloys: Effects of magnetic frustration and chemical disorder. <i>Physical Review B</i> , <b>2015</b> , 91,	3-3	24
100	Fully relativistic spin-polarized description of magnetic interface coupling: Fe multilayers in Au(100). <i>Physical Review B</i> , <b>1996</b> , 54, 6430-6436	3-3	24
99	Electronic and structural properties of Cu-Au alloys. <i>Physical Review B</i> , <b>1994</b> , 49, 13366-13372	3-3	24
98	Magnetic excitations in non-collinear antiferromagnetic Weyl semimetal Mn <sub>3</sub> Sn. <i>Npj Quantum Materials</i> , <b>2018</b> , 3,	5	22

97	Magnetic anisotropy of FePt: Effect of lattice distortion and chemical disorder. <i>Applied Physics Letters</i> , <b>2011</b> , 99, 132501	3.4	21
96	Magnetic anisotropy of Fe <sub>x</sub> Co <sub>1-x</sub> multilayers on Cu(001): Reorientation transition of magnetic moments due to different interlayer coupling. <i>Physical Review B</i> , <b>1998</b> , 58, 6316-6320	3.3	21
95	The self-consistent fully relativistic SKKR Green function method: applications to the (100), (110) and (111) surfaces of Au and Pt. <i>Journal of Physics Condensed Matter</i> , <b>1994</b> , 6, 3301-3306	1.8	21
94	Evaluation of the optical conductivity tensor in terms of contour integrations. <i>Journal of Physics Condensed Matter</i> , <b>1999</b> , 11, 10451-10458	1.8	20
93	Orbital-dependent electron tunneling within the atom superposition approach: Theory and application to W(110). <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	19
92	Theoretical band-structure spectroscopy of Au <sub>x</sub> Pd <sub>1-x</sub> alloys. <i>Physical Review B</i> , <b>1993</b> , 47, 10154-10157	3.3	18
91	Theoretical study of the role of the tip in enhancing the sensitivity of differential conductance tunneling spectroscopy on magnetic surfaces. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	17
90	Simulation of spin-polarized scanning tunneling microscopy on complex magnetic surfaces: Case of a Cr monolayer on Ag(111). <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	16
89	Magnetic pattern formation on the nanoscale due to relativistic exchange interactions. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 402-404	2.8	16
88	On calculating the magnetic state of nanostructures. <i>Progress in Materials Science</i> , <b>2007</b> , 52, 371-387	42.2	16
87	Disorder, ordering, and superstructures of (FePt) and (CoPt) on Pt substrates. <i>Physical Review B</i> , <b>1999</b> , 60, 11910-11913	3.3	16
86	Calculation of the electronic structure of YBa <sub>2</sub> (Cu <sub>1-x</sub> Zn <sub>x</sub> ) <sub>3</sub> O <sub>7</sub> in terms of the real-space-scattering coherent-potential approximation. <i>Physical Review B</i> , <b>1990</b> , 42, 432-435	3.3	15
85	Magnetic phase diagram of an Fe monolayer on W(110) and Ta(110) surfaces based on ab initio calculations. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	14
84	Band bending at the surface of Bi <sub>2</sub> Se <sub>3</sub> studied from first principles. <i>New Journal of Physics</i> , <b>2015</b> , 17, 123011	2.9	14
83	Spin-correlations and magnetic structure in an Fe monolayer on 5d transition metal surfaces. <i>Journal of Physics Condensed Matter</i> , <b>2014</b> , 26, 186001	1.8	14
82	Magnetic Anisotropy of an Impurity in a Semi-Infinite Host. <i>Physical Review Letters</i> , <b>1997</b> , 78, 3765-3768	7.4	14
81	Relativistic calculation of CCV and CVV Auger-electron spectra: Applications to Ti <sub>0.5</sub> Al <sub>0.5</sub> N and Pd. <i>Physical Review B</i> , <b>1992</b> , 46, 2015-2023	3.3	14
80	Simulation of spin-polarized scanning tunneling spectroscopy on complex magnetic surfaces: Case of a Cr monolayer on Ag(111). <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	13

79	Role of electronic structure in magnetic tunneling. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 189, L131-L135	2.8	13
78	On the calculation of the magnetoresistance of tunnel junctions with parallel paths of conduction. <i>Philosophical Magazine</i> , <b>2003</b> , 83, 1255-1286	1.6	13
77	Multiple reorientation transition of the magnetization of free surfaces of Fe on Ag(100). <i>Physical Review B</i> , <b>1998</b> , 58, 5539-5543	3.3	13
76	Ordering in high-Tc superconducting systems: Effective pair interactions in Y-Ba-Cu-O. <i>Physical Review B</i> , <b>1991</b> , 43, 3768-3770	3.3	13
75	On tilted magnetization in thin films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 183, 283-291	2.8	12
74	A numerically improved computational scheme for the optical conductivity tensor in layered systems. <i>Journal of Physics Condensed Matter</i> , <b>2001</b> , 13, 1529-1538	1.8	12
73	Ab initio calculation of Heisenberg parameters in thin magnetic films. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>1998</b> , 78, 617-622		12
72	Magnetization compensation and spin reorientation transition in ferrimagnetic DyCo5: Multiscale modeling and element-specific measurements. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	11
71	The TB-LMTO method and its relation to the screened KKR method. <i>International Journal of Quantum Chemistry</i> , <b>1997</b> , 63, 165-188	2.1	11
70	Layer-Resolved Magneto-Optical Kerr Effect In Semi-Infinite Inhomogeneous Layered Systems. <i>Phase Transitions</i> , <b>2002</b> , 75, 167-184	1.3	10
69	Spin-resolved appearance potential spectroscopy investigations on Fe/Cu(001) overlayers. <i>Physical Review B</i> , <b>2000</b> , 61, 15241-15245	3.3	9
68	Superlattice symmetry in magnetic multilayer systems. <i>Physical Review B</i> , <b>1998</b> , 57, 7804-7813	3.3	9
67	Spin-orbit coupling induced splitting of Yu-Shiba-Rusinov states in antiferromagnetic dimers. <i>Nature Communications</i> , <b>2021</b> , 12, 2040	17.4	9
66	Effects of composition and chemical disorder on the magnetocrystalline anisotropy of Fe x Pt 1-x alloys. <i>Europhysics Letters</i> , <b>2013</b> , 102, 57004	1.6	8
65	Spin-polarized scanning tunneling microscopy characteristics of skyrmionic spin structures exhibiting various topologies. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	8
64	Langevin spin dynamics based on ab initio calculations: numerical schemes and applications. <i>Journal of Physics Condensed Matter</i> , <b>2014</b> , 26, 216003	1.8	8
63	Effect of stacking faults on the magnetocrystalline anisotropy of hcp Co: a first-principles study. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 296006	1.8	8
62	Route towards finding large magnetic anisotropy in nanocomposites: Application to a W1-xRe x/Fe multilayer. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	8

61	Anomalous perpendicular magnetic anisotropy in a Co monolayer on Au(111). <i>Journal of Magnetism and Magnetic Materials</i> , <b>1997</b> , 165, 254-257	2.8	8
60	Magnetic properties of a Cr trimer on Au(111) surface. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 316, 118-121	2.8	8
59	Ab initio study of canted magnetism of finite atomic chains at surfaces. <i>Journal of Physics Condensed Matter</i> , <b>2004</b> , 16, S5833-S5840	1.8	8
58	Tensile strain-induced softening of iron at high temperature. <i>Scientific Reports</i> , <b>2015</b> , 5, 16654	4.9	7
57	Relativistic and thermal effects on the magnon spectrum of a ferromagnetic monolayer. <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 506002	1.8	7
56	Layer-resolved optical conductivity of multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2002</b> , 240, 215-216	2.8	7
55	Interlayer exchange coupling and giant magnetoresistance. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, S479-S494	1.8	6
54	Giant magnetoresistance of repeated multilayers of Cu <sub>3</sub> Ni <sub>3</sub> embedded in Cu(100). <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>1998</b> , 78, 549-555		6
53	Nonstoichiometry studies of the Y-Ba-Cu-O system in terms of a real-space scattering coherent-potential approximation. <i>Physical Review B</i> , <b>1990</b> , 41, 1973-1978	3.3	6
52	Enhancement of the spin transfer torque efficiency in magnetic STM junctions. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	5
51	Microscopic origin of ferro-antiferromagnetic transition upon non-magnetic substitution in Ru <sub>2</sub> (Mn <sub>1-x</sub> V <sub>x</sub> )Ge full Heusler alloys. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 692, 178-182	5.7	5
50	Theoretical study of magnetic domain walls through a cobalt nanocontact. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	5
49	Theory of metallic magnetism at finite temperatures in bulk materials and thin films. <i>Physica B: Condensed Matter</i> , <b>2002</b> , 318, 316-320	2.8	5
48	An approximate calculation for transport in magnetic tunnel junctions in the presence of localized states. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>2002</b> , 82, 763-769		5
47	Magnetic properties, interlayer exchange coupling and electric transport in Fe/Cr/Fe trilayers. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>2002</b> , 82, 85-104		5
46	Aspects of magnetotunnelling drawn from ab-initio-type calculations. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>2002</b> , 82, 1027-1045		5
45	Determination of Magnetic Interface Coupling Constants for Magnetic Multilayers. <i>Journal De Physique, I</i> , <b>1997</b> , 7, 1299-1304		5
44	Exceptional sign changes of the nonlocal spin Seebeck effect in antiferromagnetic hematite. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	5

43	Site-Resolved Contributions to the Magnetic-Anisotropy Energy and Complex Spin Structure of Fe/MgO Sandwiches. <i>Physical Review Applied</i> , <b>2018</b> , 9,	4.3	5
42	Theory of electric transport through Fe/V/Fe trilayers including the effect of impurities. <i>Physica Status Solidi (B): Basic Research</i> , <b>2005</b> , 242, 271-277	1.3	4
41	Magnetic properties of quantum corrals from first-principles calculations. <i>Journal of Physics Condensed Matter</i> , <b>2005</b> , 17, S1037-S1048	1.8	4
40	Perpendicular electric transport in Fe/X/Fe model heterostructures. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 8777	2.5	4
39	Reorientation transition in Cu(100)/Ni/Co. <i>Physical Review B</i> , <b>2000</b> , 62, 5305-5308	3.3	4
38	Noncollinear antiferromagnetic states in Ru-based Heusler compounds induced by biquadratic coupling. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	4
37	Anisotropy of exchange interactions between impurities on Cu(110) surface. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 200, 032067	0.3	3
36	Perpendicular transport in Fe/InP/Fe heterostructures. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2002</b> , 240, 180-182	2.8	3
35	Ab Initio Study of Electric Transport and Interlayer Exchange Coupling in Fe-Si-Fe Systems. <i>Phase Transitions</i> , <b>2003</b> , 76, 523-532	1.3	3
34	Magneto-optical properties of Co Pt multilayer systems. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 7291	2.5	3
33	Magnetic properties of ferromagnetic FeCu Superlattices on Cu(100). <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>1998</b> , 78, 591-595		3
32	Concentration dependent spin-flip energies for alloyed surface magnets. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>1998</b> , 78, 603-610		3
31	Electronic structure of YBa <sub>2</sub> (Cu <sub>1-x</sub> Ni <sub>x</sub> ) <sub>3</sub> O <sub>7</sub> in terms of the real-space-scattering coherent-potential approximation. <i>Physical Review B</i> , <b>1991</b> , 43, 519-522	3.3	3
30	L10-ordered (Fe <sub>100-x</sub> Cr <sub>x</sub> )Pt thin films: Phase formation, morphology, and spin structure. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	3
29	Element-Specific Magnetization Damping in Ferrimagnetic DyCo <sub>5</sub> Alloys Revealed by Ultrafast X-ray Measurements. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2021</b> , 15, 2100047	2.5	3
28	Exchange interactions from a nonorthogonal basis set: From bulk ferromagnets to the magnetism in low-dimensional graphene systems. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	2
27	Magnetic correlations beyond the Heisenberg model in an Fe monolayer on Rh(0 0 1). <i>Journal of Physics Condensed Matter</i> , <b>2015</b> , 27, 146003	1.8	2
26	Theory of high-resolution tunneling spin transport on a magnetic skyrmion. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	2



25	Magnetic anisotropy and chirality of frustrated Cr nanostructures on Au(1 1 1). <i>Journal of Physics Condensed Matter</i> , <b>2014</b> , 26, 436001	1.8	2
24	Magnetic ordering in Fe/Co sandwiches on Cu(100). <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 2650048	0.4	2
23	Temperature dependent magneto-crystalline anisotropy of thin films: A relativistic disordered local moment approach. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 316, e371-e373	2.8	2
22	CPP transport in Fe/Cr/Fe trilayers with mn impurities: an ab initio study. <i>Phase Transitions</i> , <b>2004</b> , 77, 191-200	1.3	2
21	Magnetic properties of iron adatoms and small iron clusters on Ag(1 0 0). <i>Journal of Magnetism and Magnetic Materials</i> , <b>2002</b> , 240, 331-333	2.8	2
20	Layer- and component-resolved magnetic moments and anisotropy energies in (Fe x Co1-x) n /Cu(100). <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>1998</b> , 78, 597-602		2
19	Order-disorder phase transitions in YBa2Cu3O6+2c: The asymmetric next-nearest-neighbour interaction model revised from a first-principles point of view. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , <b>1994</b> , 69, 683-696		2
18	Role of temperature-dependent spin model parameters in ultra-fast magnetization dynamics. <i>Journal of Physics Condensed Matter</i> , <b>2017</b> , 29, 314003	1.8	1
17	Non-Collinear Magnetic Configurations at Finite Temperature in Thin Films. <i>IEEE Transactions on Magnetism</i> , <b>2014</b> , 50, 1-4	2	1
16	The effect of a Pt impurity layer on the magnetocrystalline anisotropy of hexagonal close-packed Co: a first-principles study. <i>Journal of Physics Condensed Matter</i> , <b>2012</b> , 24, 406001	1.8	1
15	Spin-polarized X-ray emission spectroscopy of capped thin Co films on Cu(100). <i>Solid State Communications</i> , <b>1998</b> , 108, 343-348	1.6	1
14	Fully relativistic spin-polarized description of interface exchange coupling for Fe multilayers in Au(100). <i>Journal of Magnetism and Magnetic Materials</i> , <b>1996</b> , 156, 255-256	2.8	1
13	Spin reorientation transition in an ultrathin Fe film on W(110) induced by Dzyaloshinsky-Moriya interactions. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	1
12	Proper and improper chiral magnetic interactions. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	1
11	Metadynamics study of the temperature dependence of magnetic anisotropy and spin-reorientation transitions in ultrathin films. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	1
10	High-resolution tunneling spin transport characteristics of topologically distinct magnetic skyrmionic textures from theoretical calculations. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2021</b> , 519, 167440	2.8	1
9	Surface-Induced Magnetic Anisotropy of Impurities. <i>IEEE Transactions on Magnetism</i> , <b>2008</b> , 44, 2772-2775	2	0
8	Screened KKR. <i>Springer Proceedings in Physics</i> , <b>2018</b> , 381-386	0.2	



- 7 A multiscale model of the effect of Ir thickness on the static and dynamic properties of Fe/Ir/Fe films. *Scientific Reports*, **2018**, 8, 3879 4.9
- 6 Monte Carlo study on magnetic nanoparticles from first principle. *Journal of Physics: Conference Series*, **2010**, 200, 072103 0.3
- 5 Spin-polarization in ccv Auger electron spectroscopy for transition metals. *Journal of Magnetism and Magnetic Materials*, **2002**, 240, 340-342 2.8
- 4 Ab initio study of CPP transport in Fe/Cr/Fe trilayers: influence of transition metal impurities. *Materials Research Society Symposia Proceedings*, **2002**, 746, 1
- 3 Spin-polarized X-ray emission spectroscopy for disordered semi-infinite systems. *The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties*, **1998**, 78, 513-517
- 2 Theoretical investigations of spin-resolved appearance potential spectroscopy for Fe/Cu(001) overlayers. *The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties*, **1998**, 78, 497-501
- 1 Effects of nonstoichiometry, ordering, and Bi substitution with Pb in Bi<sub>2</sub>Sr<sub>2</sub>CaCu<sub>2</sub>O<sub>8</sub>. *Physical Review B*, **1991**, 43, 13025-13031 3.3