Kee Hoon Kim

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.

203 papers	6,847 citations	48 h-index	75 g-index
210 ext. papers	7,499 ext. citations	4.4 avg, IF	5.3 L-index

#	Paper	IF	Citations
203	Interplay of charge density waves, disorder, and superconductivity in 2H-TaSe2 elucidated by NMR. *New Journal of Physics*, **2022**, 24, 043008	2.9	1
202	Magnetic properties of the S=52 anisotropic triangular chain compound Bi3FeMo2O12. *Physical Review B*, **2021**, 104,	3.3	2
201	Nearly Room-Temperature Ferromagnetism in a Pressure-Induced Correlated Metallic State of the van der Waals Insulator CrGeTe_{3}. *Physical Review Letters*, **2021**, 127, 217203	7.4	4
200	Characteristics and Electronic Band Alignment of a Transparent -CuI/-SiZnSnO Heterojunction Diode with a High Rectification Ratio. *Nanomaterials*, **2021**, 11,	5.4	1
199	Experimental signatures of nodeless multiband superconductivity in a [Formula: see text] single crystal. *Scientific Reports*, **2021**, 11, 13383	4.9	
198	Synthesis and multiferroic properties of high-purity CoFe2O4BiFeO3 nanocomposites. *Journal of Alloys and Compounds*, **2021**, 867, 159008	5.7	2
197	Possible Persistence of Multiferroic Order down to Bilayer Limit of van der Waals Material NiI. *Nano Letters*, **2021**, 21, 5126-5132	11.5	15
196	Control of magnetoelectric coupling in the Co2Y-type hexaferrites. *Physical Review Materials*, **2021**, 5,	3.2	3
195	Solvothermal Synthesis and Interfacial Magnetic Interaction of FeSe/SrTiO3-x Nanocomposites. *ChemistrySelect*, **2020**, 5, 9517-9522	1.8	1
194	Turning charge-density waves into Cooper pairs. *Npj Quantum Materials*, **2020**, 5,	5	9
193	Interactions in the bond-frustrated helimagnet ZnCrSe investigated by NMR. *Scientific Reports*, **2019**, 9, 16627	4.9	3
192	Predictors of functional and motor outcomes following upper limb robot-assisted therapy after stroke. *International Journal of Rehabilitation Research*, **2019**, 42, 223-228	1.8	7
191	Fe and Co NMR studies of magnetoelectric Co Y-type hexaferrite BSCFAO. *Journal of Physics Condensed Matter*, **2018**, 30, 065802	1.8	3
190	Electromagnon with Sensitive Terahertz Magnetochromism in a Room-Temperature Magnetoelectric Hexaferrite. *Physical Review Letters*, **2018**, 120, 027202	7.4	11
189	Commensurate transverse helical ordering in the room-temperature magnetoelectric Co2Z hexaferrite. *Physica B: Condensed Matter*, **2018**, 551, 122-126	2.8	2
188	Effect of Mn doping on particulate size and magnetic properties of LaFeO3 nanofiber synthesized by electrospinning. *Journal of Alloys and Compounds*, **2018**, 749, 599-604	5.7	21
187	Electric dipoles via Cr3+(d3) ion off-center displacement in perovskite DyCrO3. *Physical Review B*, **2018**, 98,	3.3	7

186	Surface reconstruction and charge modulation in BaFeAs superconducting film. *Journal of Physics Condensed Matter*, **2018**, 30, 315001	1.8	1
185	Thermal annealing and pressure effects on BaFe Co As single crystals. *Journal of Physics Condensed Matter*, **2018**, 30, 025501	1.8	
184	Relationship Between Functional Level and Muscle Thickness in Young Children With Cerebral Palsy. *Annals of Rehabilitation Medicine*, **2018**, 42, 286-295	1.7	15
183	Magnetic field-induced ferroelectricity in S = 1/2 kagome staircase compound PbCu3TeO7. *Npj Quantum Materials*, **2018**, 3,	5	8
182	Magnetoelectricity in multiferroic hexaferrites as understood by crystal symmetry analyses. *Physical Review B*, **2018**, 98,	3.3	23
181	Highly tunable magnetoelectric response in dimensional gradient laminate composites of Fe-Ga alloy and Pb(Mg1/3Nb2/3)O3-Pb(Zr,Ti)O3 single crystal. *Journal of Alloys and Compounds*, **2018**, 765, 764-770	5.7	18
180	Tuning the interplay between nematicity and spin fluctuations in NaLi FeAs superconductors. *Nature Communications*, **2018**, 9, 2139	17.4	6
179	Transparent Perovskite Barium Stannate with High Electron Mobility and Thermal Stability. *Annual Review of Materials Research*, **2017**, 47, 391-423	12.8	76
178	Significant enhancement of resonance magnetoelectric coupling in miniaturized lead-free NiFe2O4BaTiO3 multilayers. *Current Applied Physics*, **2017**, 17, 1046-1049	2.6	3
177	Flexible Multiferroic Bulk Heterojunction with Giant Magnetoelectric Coupling via van der Waals Epitaxy. *ACS Nano*, **2017**, 11, 6122-6130	16.7	88
176	Single crystal growth and optical properties of a transparent perovskite oxide LaInO3. *Journal of Applied Physics*, **2017**, 121, 125109	2.5	12
175	Observation of new magnetic ground state in frustrated quantum antiferromagnet spin-liquid system Cs2CuCl4. *Low Temperature Physics*, **2017**, 43, 901-904	0.7	9
174	Transparent p-CuI/n-BaSnO heterojunctions with a high rectification ratio. *Journal of Physics Condensed Matter*, **2017**, 29, 384004	1.8	10
173	Induced quadrupolar singlet ground state of praseodymium in a modulated pyrochlore. *Physical Review B*, **2017**, 96,	3.3	3
172	Theoretical prediction of resonant and off-resonant magnetoelectric coupling in layered composites with anisotropic piezoelectric properties. *Composite Structures*, **2017**, 159, 498-504	5.3	14
171	Realization of an atomically flat BaSnO3(001) substrate with SnO2 termination. *Applied Physics Letters*, **2017**, 111, 231604	3.4	5
170	Interplay of charge density wave and multiband superconductivity in 2H-PdxTaSe2. *Scientific Reports*, **2016**, 6, 24068	4.9	40
169	X-ray scattering study of pyrochlore iridates: Crystal structure, electronic, and magnetic excitations. *Physical Review B*, **2016**, 94,	3.3	29

168	Magnetoelectric effect in simple collinear antiferromagnetic spinels. *Physical Review B*, **2016**, 94,	3.3	17
167	Quantitative Measurements of Size-Dependent Magnetoelectric Coupling in FeO Nanoparticles. *Nano Letters*, **2016**, 16, 7408-7413	11.5	26
166	Role of rare earth ions in the magnetic, magnetocaloric and magnetoelectric properties of RCrO3 (R = Dy, Nd, Tb, Er) crystals. *Journal of Materials Chemistry C*, **2016**, 4, 11198-11204	7.1	50
165	Temperature dependent spin structures in Hexaferrite crystal. *Journal of Magnetism and Magnetic Materials*, **2016**, 397, 230-232	2.8	3
164	High-Mobility Bismuth-based Transparent p-Type Oxide from High-Throughput Material Screening. *Chemistry of Materials*, **2016**, 28, 30-34	9.6	95
163	Pressure effects on the carbon nano-tube embedded Y-123 superconductors. *Physica B: Condensed Matter*, **2016**, 487, 42-46	2.8	
162	Unconventional Andreev reflection on the quasi-one-dimensional superconductor Nb2PdxSe5. *AIP Advances*, **2016**, 6, 045210	1.5	2
161	Giant suppression of phononic heat transport in a quantum magnet BiCuPO. *Scientific Reports*, **2016**, 6, 36970	4.9	7
160	Pressure-induced ferroelectricity and enhancement of Mn-Mn exchange striction in GdMn2O5. *Journal of Applied Physics*, **2016**, 119, 104101	2.5	7
159	Enhanced electron mobility in epitaxial (Ba,La)SnO3 films on BaSnO3(001) substrates. *Applied Physics Letters*, **2016**, 108, 082105	3.4	55
158	Observation of magnetoelectric effects in a S=12 frustrated spin chain magnet SrCuTe2O6. *APL Materials*, **2016**, 4, 036101	5.7	8
157	New design of a microcalorimeter for measuring absolute heat capacity from 300 to 550 K. *Thermochimica Acta*, **2015**, 603, 244-252	2.9	2
156	Magnetic origin of giant magnetoelectricity in doped Y-type hexaferrite Ba(0.5)Sr(1.5)Zn(2)(Fe(1-x)Al(x))(12)O(22). *Physical Review Letters*, **2015**, 114, 117603	7.4	20
155	Possible role of bonding angle and orbital mixing in iron pnictide superconductivity: Comparative electronic structure studies of LiFeAs and Sr2VO3FeAs. *Physical Review B*, **2015**, 92,	3.3	6
154	Capacitive and magnetoresistive origin of magnetodielectric effects in Sm-substituted spiral antiferromagnet BiMnFe2O6. *Journal of Applied Physics*, **2015**, 118, 164103	2.5	5
153	Oxygen diffusion process in a Ba0.96La0.04SnO3 thin film on SrTiO3(001) substrate as investigated by time-dependent Hall effect measurements. *Physica Status Solidi (A) Applications and Materials Science*, **2015**, 212, 1487-1493	1.6	24
152	Observation of S = 1/2 quasi-1D magnetic and magneto-dielectric behavior in a cubic SrCuTe2O6. *Journal of Physics Condensed Matter*, **2015**, 27, 426001	1.8	11
151	Anisotropic self-biased dual-phase low frequency magneto-mechano-electric energy harvesters with giant power densities. *APL Materials*, **2014**, 2, 046102	5.7	49

150	Dopant-site-dependent scattering by dislocations in epitaxial films of perovskite semiconductor BaSnO3. *APL Materials*, **2014**, 2, 056107	5.7	49
149	Reentrant spin-glass state and magnetodielectric effect in the spiral magnet BiMnFe2O6. *Physical Review B*, **2014**, 90,	3.3	43
148	Manifestation of magnetic quantum fluctuations in the dielectric properties of a multiferroic. *Nature Communications*, **2014**, 5, 4419	17.4	12
147	Electrical control of large magnetization reversal in a helimagnet. *Nature Communications*, **2014**, 5, 4208	17.4	64
146	The absence of ferroelectric polarization in layered and rock-salt ordered NaLnMnWO6 (Ln = La, Nd, Tb) perovskites. *Physical Chemistry Chemical Physics*, **2014**, 16, 5407-11	3.6	19
145	Effects of Al substitution and thermal annealing on magnetoelectric Ba0.5Sr1.5Zn2Fe12O22 investigated by the enhancement factor of 57Fe nuclear magnetic resonance. *Journal of Physics Condensed Matter*, **2014**, 26, 146004	1.8	5
144	Determination of temperature-dependent thermal conductivity of a BaSnO3 single crystal by using the 3 method. *Thermochimica Acta*, **2014**, 585, 16-20	2.9	11
143	Infrared-optical spectroscopy of transparent conducting perovskite (La,Ba)SnO3 thin films. *Applied Physics Letters*, **2014**, 104, 022102	3.4	30
142	Longer-range lattice anisotropy strongly competing with spin-orbit interactions in pyrochlore iridates. *Physical Review B*, **2014**, 89,	3.3	51
141	Observation of spontaneous ferroelectric polarization reversal in multiferroic Mn1 NixWO4 (x 0.16). *Applied Physics Letters*, **2014**, 104, 252904	3.4	6
140	Magnetic properties and heat capacity of the three-dimensional frustrated S=12 antiferromagnet PbCuTe2O6. *Physical Review B*, **2014**, 90,	3.3	36
139	Multiple broadband magnetoelectric response in thickness-controlled Ni/[011] Pb(Mg1/3Nb2/3)O3-Pb(Zr,Ti)O3 single crystal/Ni laminates. *Applied Physics Letters*, **2013**, 103, 052907	3.4	54
138	Colossal magnetoelectric response of PZT thick films on Ni substrates with a conductive LaNiO3 electrode. *Journal Physics D: Applied Physics*, **2013**, 46, 092002	3	21
137	Enhanced density of states in Li(Fe1 Cox)As single crystals near x = 0.06 as implied by transport properties. *Physica C: Superconductivity and Its Applications*, **2013**, 495, 130-133	1.3	2
136	Competing Magnetic Anisotropy Fields and Double Polarization Flops in Multiferroic Mn1-xCoxWO4. *Journal of the Physical Society of Japan*, **2013**, 82, 124716	1.5	6
135	Enhancement of resonant and non-resonant magnetoelectric coupling in multiferroic laminates with anisotropic piezoelectric properties. *Applied Physics Letters*, **2013**, 102, 062909	3.4	34
134	PbCu3TeO7: an S = 1/2 staircase kagome lattice with significant intra-plane and inter-plane couplings. *Journal of Physics Condensed Matter*, **2013**, 25, 336003	1.8	13
133	Field- and temperature-induced evolution of the magnetocaloric effect in Ba0.3Sr1.7Co2Fe12O22 single crystals with heliconical magnetism. *Journal of Physics Condensed Matter*, **2013**, 25, 256006	1.8	4

132	Temperature- and Magnetic-Field-Induced Change of Electric Polarization in a Multiferroic Mn0.93Co0.07W0.93O4-Single Crystal. *Journal of the Physical Society of Japan*, **2013**, 82, 094708	1.5	3
131	Enhanced upper critical fields in a new quasi-one-dimensional superconductor Nb2PdxSe5. *New Journal of Physics*, **2013**, 15, 123031	2.9	29
130	Indications of strong neutral impurity scattering in Ba(Sn,Sb)O3 single crystals. *Physical Review B*, **2013**, 88,	3.3	36
129	57Fe NMR study of the magnetoelectric hexaferrite Ba0.5Sr1.5Zn2Fe12O22 and Ba0.5Sr1.5Zn2(Fe0.92Al0.08)12O22. *Physical Review B*, **2013**, 88,	3.3	7
128	Large effects of dislocations on high mobility of epitaxial perovskite Ba0.96La0.04SnO3 films. *Applied Physics Letters*, **2013**, 102, 252105	3.4	76
127	Existence of orbital order and its fluctuation in superconducting Ba(Fe(1-x)Co(x))2As2 single crystals revealed by x-ray absorption spectroscopy. *Physical Review Letters*, **2013**, 111, 217001	7.4	37
126	Diluted magnetism in Mn-doped SrZnO2 single crystals. *Journal of Applied Physics*, **2013**, 114, 123903	2.5	2
125	Nanosession: Multiferroics - High Transition Temperatures **2013**, 347-355		
124	Existence of a vortex-glass phase transition in an optimally doped BaFe1.8Co0.2As2single crystal. *Progress in Superconductivity and Cryogenics (PSAC)*, **2013**, 15, 16-19		2
123	Physical properties of transparent perovskite oxides (Ba,La)SnO3 with high electrical mobility at room temperature. *Physical Review B*, **2012**, 86,	3.3	218
122	High Mobility in a Stable Transparent Perovskite Oxide. *Applied Physics Express*, **2012**, 5, 061102	2.4	270
121	Electric field control of nonvolatile four-state magnetization at room temperature. *Physical Review Letters*, **2012**, 108, 177201	7.4	131
120	Probing the order parameter of superconducting LiFeAs using Pb/LiFeAs and Au/LiFeAs point-contact spectroscopy. *Physical Review B*, **2012**, 85,	3.3	10
119	Heliconical magnetic order and field-induced multiferroicity of the Co2Y-type hexaferrite Ba0.3Sr1.7Co2Fe12O22. *Physical Review B*, **2012**, 86,	3.3	41
118	Intrinsic ferroelectric polarization of orthorhombic manganites with E-type spin order. *Physical Review B*, **2012**, 85,	3.3	53
117	CuBr2--a new multiferroic material with high critical temperature. *Advanced Materials*, **2012**, 24, 2469-7324		61
116	Avoiding fatal damage to the top electrodes when forming unipolar resistance switching in nano-thick material systems. *Journal Physics D: Applied Physics*, **2012**, 45, 255101	3	5
115	Orbital selective Fermi surface shifts and mechanism of high T(c) superconductivity in correlated AFeAs (A=Li, Na). *Physical Review Letters*, **2012**, 109, 177001	7.4	61

114	Specific heat to Hc2: Evidence for nodes or deep minima in the superconducting gap of underdoped and overdoped Ba(Fe1−xCox)2As2. *Physical Review B*, **2012**, 86,	3.3	16
113	Observation of multiferroic properties in pyroxene NaFeGe2O6. *Journal of Physics Condensed Matter*, **2012**, 24, 306001	1.8	17
112	Field-induced incommensurate-to-commensurate phase transition in the magnetoelectric hexaferrite Ba0.5Sr1.5Zn2(Fe1−xAlx)12O22. *Physical Review B*, **2011**, 83,	3.3	57
111	Revealing the dual nature of magnetism in iron pnictides and iron chalcogenides using x-ray emission spectroscopy. *Physical Review B*, **2011**, 84,	3.3	95
110	Concurrent transition of ferroelectric and magnetic ordering near room temperature. *Nature Communications*, **2011**, 2, 567	17.4	124
109	Observation of two-gap superconductivity in SrFe1.85Co0.15As2single crystals by scanning tunneling microscopy and spectroscopy. *New Journal of Physics*, **2011**, 13, 033005	2.9	4
108	Pauli-limiting effects in the upper critical fields of a clean LiFeAs single crystal. *Physical Review B*, **2011**, 84,	3.3	74
107	Electronic structure of detwinned BaFe2As2 from photoemission and first principles. *Physical Review B*, **2011**, 83,	3.3	50
106	Magnetic-field-dependent pinning potential in LiFeAs superconductor from its Campbell penetration depth. *Physical Review B*, **2011**, 84,	3.3	9
105	Strong magnetoelastic effect on the magnetoelectric phenomena of TbMn2O5. *Physical Review B*, **2011**, 83,	3.3	9
104	Large Longitudinal Magnetoelectric Coupling in NiFe2O4/BaTiO3Laminates. *Applied Physics Express* , **2011**, 4, 073001	2.4	21
103	Electron-hole asymmetry in Co- and Mn-doped SrFe2As2. *Physical Review B*, **2010**, 82,	3.3	35
102	NMR study on the stability of the magnetic ground state in MnCr2O4. *Physical Review B*, **2010**, 82,	3.3	10
101	Strong reduction of the Korringa relaxation in the spin-density wave regime of EuFe2As2 observed by electron spin resonance. *Physical Review B*, **2010**, 81,	3.3	24
100	Evidence of a universal and isotropic 2Δ/kBTC ratio in 122-type iron pnictide superconductors over a wide doping range. *Physical Review B*, **2010**, 82,	3.3	21
99	Interplay between low dimensionality and magnetic frustration in the magnetoelectric pyroxenes LiCrX2O6 (X=Ge,Si). *Physical Review B*, **2010**, 82,	3.3	22
98	Dual character of magnetism in EuFe2As2: Optical spectroscopic and density-functional calculation study. *Physical Review B*, **2010**, 81,	3.3	40
97	Chemical doping-induced flop of ferroelectric polarization in multiferroic Mn0.9Co0.1WO4. *Physical Review B*, **2010**, 82,	3.3	21

96	Publisher's Note: Realization of Giant Magnetoelectricity in Helimagnets [Phys. Rev. Lett. 104, 037204 (2010)]. *Physical Review Letters*, **2010**, 104,	7.4	4
95	Magnetic and magnetoelectric study of the pyroxene NaCrSi2O6. *Physical Review B*, **2010**, 81,	3.3	26
94	Quantitative determination of anisotropic magnetoelectric coupling in BiFeO3–CoFe2O4 nanostructures. *Applied Physics Letters*, **2010**, 97, 052902	3.4	55
93	Determination of the intrinsic ferroelectric polarization in orthorhombic HoMnO3. *New Journal of Physics*, **2010**, 12, 073006	2.9	53
92	Evidence for dominant Pauli paramagnetic effect in the upper critical field of single-crystalline FeTe0.6Se0.4. *Physical Review B*, **2010**, 81,	3.3	90
91	Realization of giant magnetoelectricity in helimagnets. *Physical Review Letters*, **2010**, 104, 037204	7.4	128
90	Single-crystal growth and superconducting properties of LiFeAs. *Europhysics Letters*, **2010**, 91, 67002	1.6	28
89	Nearly isotropic upper critical fields in a SrFe1.85Co0.15As2 single crystal. *Physica C: Superconductivity and Its Applications*, **2010**, 470, S317-S319	1.3	9
88	Hall anomaly in CNT-doped Y-123 high temperature superconductor. *Physica C: Superconductivity and Its Applications*, **2010**, 470, 309-312	1.3	2
87	Local probing of charge and orbital-ordering-induced anisotropy with polarization-modulated infrared reflection difference microspectroscopy. *Physical Review B*, **2009**, 79,	3.3	3
86	Vortex-glass phase transition and superconductivity in an underdoped (Ba,K)Fe2As2 single crystal. *Physical Review B*, **2009**, 79,	3.3	51
85	Theory of magnetic-field-induced critical end point in BiMn2O5. *Physical Review B*, **2009**, 79,	3.3	6
84	Observation of the Josephson effect in Pb/Ba1-xKxFe2As2 single crystal junctions. *Physical Review Letters*, **2009**, 102, 147002	7.4	83
83	Electric polarization enhancement in multiferroic CoCr2O4 crystals with Cr-site mixing. *Applied Physics Letters*, **2009**, 94, 042505	3.4	40
82	Josephson effect between electron-doped and hole-doped iron pnictide single crystals. *Applied Physics Letters*, **2009**, 95, 062510	3.4	32
81	A new heat capacity measurement scheme based on the scanning relaxation method for the SiN membrane microcalorimeter at high temperatures up to 700K. *Thermochimica Acta*, **2009**, 492, 79-84	2.9	5
80	Enhanced accuracy in a silicon-nitride-membrane-based microcalorimeter with variation of lateral layout. *Thermochimica Acta*, **2009**, 490, 1-7	2.9	2
79	Increase of critical current density with doping carbon nano-tubes in YBa2Cu3O7–*Physica C: Superconductivity and Its Applications*, **2009**, 469, 55-59	1.3	67

78	Enhanced magnetization in Co and Ta-substituted BiFeO3 ceramics. *Journal of Magnetism and Magnetic Materials*, **2009**, 321, 3262-3265	2.8	46
77	Observation of a multiferroic critical end point. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 15573-6	11.5	39
76	Low-magnetic-field control of dielectric constant at room temperature realized in Ba0.5Sr1.5Zn2Fe12O22. *New Journal of Physics*, **2009**, 11, 073030	2.9	41
75	Evidence for coexistence of superconductivity and magnetism in single´crystals of Co-doped SrFe(2)As(2). *Journal of Physics Condensed Matter*, **2009**, 21, 102203	1.8	13
74	Possible charge disproportionation in 3R-AgNiO2 studied by neutron powder diffraction. *Physical Review B*, **2008**, 78,	3.3	6
73	Temperature Dependence of the Flux Jump Upper Threshold Field in MgB2 Thin Films. *Journal of the Physical Society of Japan*, **2008**, 77, 104717	1.5	4
72	Hall effect signatures of electronic structure change near a field induced quantum critical point in. *Physica B: Condensed Matter*, **2008**, 403, 721-725	2.8	1
71	Dielectric and magnetic properties in Ta-substituted BiFeO3 ceramics. *Journal of Materials Research* , **2007**, 22, 3397-3403	2.5	30
70	Specific heat of a YCrO3 single crystal as investigated by a SiN membrane based microcalorimeter. *Thermochimica Acta*, **2007**, 455, 2-6	2.9	14
69	Field induced metastabilities in U(Ru0.96Rh0.04)2Si2. *Physica C: Superconductivity and Its Applications*, **2007**, 460-462, 682-683	1.3	
68	Intrinsic anomalous Hall conductivity of GaMnAs solely governed by the carrier concentration. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, 2064-2066	2.8	
67	Non-monotonic dependence of the anomalous Hall coefficient scaling parameter in annealed Ga1MnxAs epifilms. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, 2129-2131	2.8	
66	Decrease of the coherence temperature with low Rh doping in. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, 855-857	2.8	1
65	Evidence of the Bi(3+) lone-pair effect on the charge-ordering state: resistivity and thermoelectric power of Bi(0.5-y)La(y)Sr(0.5)MnO(3) (0.0.4). *Journal of Physics Condensed Matter*, **2007**, 19, 296205	1.8	17
64	Measurements of the pressure and magnetic field dependence of multiferroic DyMn2O5. *Physical Review B*, **2007**, 76,	3.3	8
63	Interplay between fermi surface topology and ordering in URu2Si2 revealed through abrupt hall coefficient changes in strong magnetic fields. *Physical Review Letters*, **2007**, 98, 016401	7.4	51
62	Physical properties of multiferroic hexagonal HoMnO3 thin films. *Applied Physics Letters*, **2007**, 90, 142902	3.4	41
61	Nonlinear transport below TC for lateral nanoconstrictions realized in a 100nm GaMnAs epifilm. *Applied Physics Letters*, **2007**, 91, 122514	3.4	2

60	Formation of hexagonal phase of TbMnO3 thin film and its multiferroic properties. *Journal of Materials Research*, **2007**, 22, 2156-2162	2.5	5
59	Enhanced charge gap in the bilayer manganite La2-2xSr1+2xMn2O7 near x = 0.4. *Physical Review Letters*, **2007**, 98, 187201	7.4	10
58	Pulsed Laser Deposition of ${rm SrRuO}_{3}$ Buffers for Coated Conductor Applications. *IEEE Transactions on Applied Superconductivity*, **2007**, 17, 3451-3454	1.8	
57	Interplay between carrier and impurity concentrations in annealed Ga1-xMnxAs: intrinsic anomalous hall effect. *Physical Review Letters*, **2007**, 98, 026601	7.4	45
56	Emergent phases near the metamagnetic quantum critical point in. *Physica B: Condensed Matter*, **2006**, 378-380, 31-35	2.8	0
55	Epitaxial Stabilization of a New Multiferroic Hexagonal Phase of TbMnO3 Thin Films. *Advanced Materials*, **2006**, 18, 3125-3129	24	84
54	Rapid contactless thermometry with submilli-Kelvin resolution. *Review of Scientific Instruments*, **2006**, 77, 074901	1.7	
53	Magnetoelectric effects of nanoparticulate Pb(Zr0.52Ti0.48)O3□NiFe2O4 composite films. *Applied Physics Letters*, **2006**, 89, 102907	3.4	126
52	Field dependence of magnetic ordering in Kagom□staircase compound Ni3V2O8. *Physical Review B* , **2006**, 74,	3.3	104
51	Phonon thermal transport of URu2Si2: broken translational symmetry and strong-coupling of the "hidden order" to the lattice. *Physical Review Letters*, **2006**, 97, 156401	7.4	27
50	Irreversible dynamics of the phase boundary in U(Ru0.96Rh0.04)2Si2 and implications for ordering. *Physical Review Letters*, **2006**, 96, 136403	7.4	19
49	Evidence of metallic clustering in annealed Ga1□MnxAs from atypical scaling behavior of the anomalous Hall coefficient. *Applied Physics Letters*, **2006**, 89, 102503	3.4	11
48	Evolution of Ferroelectric and Antiferromagnetic Phases of TbMn2O5 Under High Magnetic Field up to 45 T. *Ferroelectrics*, **2006**, 336, 153-159	0.6	5
47	Lattice involvement in low temperature phase of U(Ru,Rh)2Si2. *Physica B: Condensed Matter*, **2006**, 378-380, 82-83	2.8	
46	Hall effect evolution across a field-induced phase in U(Ru0.96Rh0.04)2Si2. *Physica B: Condensed Matter*, **2006**, 378-380, 989-990	2.8	1
45	In situ synthesis and superconducting properties of MgB2 fibers. *Physica C: Superconductivity and Its Applications*, **2006**, 445-448, 793-796	1.3	1
44	Link between magnetic field-induced quantum criticality and phase formation in. *Physica B: Condensed Matter*, **2005**, 359-361, 32-34	2.8	1
43	Effects of Nb-doping on electric and magnetic properties in multi-ferroic BiFeO3 ceramics. *Solid State Communications*, **2005**, 135, 133-137	1.6	206

42	Inhomogeneous level splitting in Pr 2-x BixRu2O7. *Physical Review Letters*, **2005**, 94, 177201	7.4	14
41	Transport and thermodynamic properties of Sr3Ru2O7 near the quantum critical point. *Physical Review B*, **2004**, 69,	3.3	18
40	Second-order corrections to slow-roll inflation in the brane cosmology. *Physical Review D*, **2004**, 70,	4.9	9
39	Core-level x-ray photoemission satellites in ruthenates: a new mechanism revealing the Mott transition. *Physical Review Letters*, **2004**, 93, 126404	7.4	71
38	Charge-density waves survive the Pauli paramagnetic limit. *Physical Review Letters*, **2004**, 93, 076405	7.4	25
37	Photoemission and x-ray absorption spectroscopy studies on cubic pyrochlore ruthenates Bi2YxRu2O7. *Physical Review B*, **2004**, 69,	3.3	25
36	Competing magnetic phases on a kagomstaircase. *Physical Review Letters*, **2004**, 93, 247201	7.4	137
35	Nexus between quantum criticality and phase formation in U(Ru1-xRhx)2Si2. *Physical Review Letters*, **2004**, 93, 206402	7.4	32
34	Metamagnetism, quantum criticality, hidden order and crystal electric fields in URu2Si2. *Physica B: Condensed Matter*, **2004**, 346-347, 92-98	2.8	8
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