

Wolfgang Kleemann

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.

376
papers

12,325
citations

53
h-index

95
g-index

393
ext. papers

12,942
ext. citations

2.6
avg, IF

6.44
L-index

#	Paper	IF	Citations
376	SrTiO ₃ glimpses of an Inexhaustible Source of Novel Solid State Phenomena. <i>Condensed Matter</i> , 2020 , 5, 58	1.8	4
375	Ferroelectric phase transitions of uniaxial Sr _{1-x} Ba _x Nb ₂ O ₆ and their composition variation. <i>Japanese Journal of Applied Physics</i> , 2019 , 58, SLLA02	1.4	4
374	Relaxor ferroelectrics and related superglasses. <i>Ferroelectrics</i> , 2019 , 553, 1-7	0.6	5
373	Electric field effect on polar nanoregions of uniaxial ferroelectric Sr _x Ba _{1-x} Nb ₂ O ₆ with weak random fields studied by Brillouin scattering. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 07LB11	1.4	2
372	Ferrioc superglasses: Relaxor ferroelectrics PMN and SBN vs. CoFe superspin glass. <i>Ferroelectrics</i> , 2018 , 534, 1-10	0.6	
371	Relaxor Ferroelectrics and Related Cluster Glasses. <i>Springer Series in Materials Science</i> , 2018 , 119-152	0.9	1
370	360° domain walls in magnetic thin films with uniaxial and random anisotropy. <i>Physical Review B</i> , 2018 , 98,	3.3	5
369	Multiferroic and magnetoelectric nanocomposites for data processing. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 223001	3	25
368	Large Electrocaloric Effect in Relaxor Ferroelectric and Antiferroelectric Lanthanum Doped Lead Zirconate Titanate Ceramics. <i>Scientific Reports</i> , 2017 , 7, 45335	4.9	86
367	Electric field effect on elastic properties of uniaxial relaxor Sr _x Ba _{1-x} Nb ₂ O ₆ single crystals with strong random fields. <i>Japanese Journal of Applied Physics</i> , 2017 , 56, 10PC06	1.4	4
366	Electric field and aging effects of uniaxial ferroelectrics Sr Ba NbO probed by Brillouin scattering. <i>Scientific Reports</i> , 2017 , 7, 11615	4.9	14
365	Field dependent elastic anomaly in uniaxial tungsten bronze relaxors. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 10TC01	1.4	4
364	Ferrioc superglasses: Polar nanoregions in relaxor ferroelectric PMN versus CoFe superspins in a discontinuous multilayer. <i>Physical Review B</i> , 2016 , 94,	3.3	15
363	Multiferroics: Multiferroic Clusters: A New Perspective for Relaxor-Type Room-Temperature Multiferroics (Adv. Funct. Mater. 13/2016). <i>Advanced Functional Materials</i> , 2016 , 26, 2110-2110	15.6	
362	Superdipole glass ground state of relaxor ferroelectrics. <i>Ferroelectrics</i> , 2016 , 499, 72-75	0.6	2
361	Multiferroic Clusters: A New Perspective for Relaxor-Type Room-Temperature Multiferroics. <i>Advanced Functional Materials</i> , 2016 , 26, 2111-2121	15.6	37
360	Supermagnetism. <i>Handbook of Magnetic Materials</i> , 2015 , 1-83	1.3	20

359	The cluster glass route of relaxor ferroelectrics. <i>Phase Transitions</i> , 2015 , 88, 234-244	1.3	19
358	Controlling the size and relaxation dynamics of superferromagnetic domains. <i>Journal of Applied Physics</i> , 2015 , 117, 153907	2.5	5
357	Relaxor ferroelectrics: Cluster glass ground state via random fields and random bonds. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 1993-2002	1.3	87
356	Critical slowing down and elastic anomaly of uniaxial ferroelectric Ca _{0.28} Ba _{0.72} Nb ₂ O ₆ crystals with tungsten bronze structure. <i>Physical Review B</i> , 2014 , 90,	3.3	14
355	Interfacial Magnetoelectric Switching in Multiferroic Heterostructures. <i>Materials Science Forum</i> , 2014 , 783-786, 1623-1627	0.4	2
354	Glassy Phenomena in Relaxor Ferroelectrics. <i>Springer Series in Materials Science</i> , 2014 , 249-269	0.9	4
353	Non-linear permittivity study of the crossover from ferroelectric to relaxor and cluster glass in BaTi _{1-x} Sn _x O ₃ (x = 0.175-0.30). <i>Applied Physics Letters</i> , 2014 , 104, 182910	3.4	20
352	Comment on "The Origin of Magnetism in Mn-Doped SrTiO ₃ ". <i>Advanced Functional Materials</i> , 2013 , 23, 2229-2230	15.6	11
351	Magnetoelectric spintronics. <i>Journal of Applied Physics</i> , 2013 , 114, 027013	2.5	37
350	Electric in-plane polarization in multiferroic CoFe ₂ O ₄ /BaTiO ₃ nanocomposite tuned by magnetic fields. <i>Nature Communications</i> , 2013 , 4, 2051	17.4	112
349	Multiferroic and Magnetoelectric Materials. <i>Springer Tracts in Modern Physics</i> , 2013 , 163-187	0.1	20
348	Crossover from ferroelectric to relaxor and cluster glass in BaTi _{1-x} Zr _x O ₃ (x = 0.25-0.35) studied by non-linear permittivity. <i>Applied Physics Letters</i> , 2013 , 102, 232907	3.4	50
347	Two-stage processes of electrically induced-ferroelectric to relaxor transition in 0.94(Bi _{1/2} Na _{1/2})TiO ₃ -0.06BaTiO ₃ . <i>Applied Physics Letters</i> , 2013 , 102, 192903	3.4	162
346	Magnetic Nanoparticles: A Subject for Both Fundamental Research and Applications. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-22	3.2	28
345	Synthesis, Properties, and Applications of Single-Domain Magnetic Nanoparticles. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-2	3.2	3
344	Phase diagram of mixed Cu(In _x Cr _{1-x})P ₂ S ₆ crystals. <i>Physical Review B</i> , 2012 , 85,	3.3	11
343	Magnetoelectric Switching in Multiferroic Heterostructures. <i>Ferroelectrics</i> , 2012 , 438, 89-93	0.6	
342	Magnetoelectric Coupling in Disordered Multiferroics. <i>Ferroelectrics</i> , 2012 , 428, 64-73	0.6	9

341	Multiferroic and magnetoelectric materials [Developments and perspectives. <i>EPJ Web of Conferences</i> , 2012 , 29, 00046	0.3	10
340	Disordered Multiferroics. <i>Solid State Phenomena</i> , 2012 , 189, 41-56	0.4	10
339	Spin disorder dependence of the exchange bias effect. <i>Physical Review B</i> , 2012 , 86,	3.3	13
338	RANDOM FIELDS IN RELAXOR FERROELECTRICS [A JUBILEE REVIEW. <i>Journal of Advanced Dielectrics</i> , 2012 , 02, 1241001	1.3	92
337	From mesoscopic to global polar order in the uniaxial relaxor ferroelectric Sr _{0.8} Ba _{0.2} Nb ₂ O ₆ . <i>Applied Physics Letters</i> , 2012 , 100, 052903	3.4	20
336	Magnetic and polar phases and dynamical clustering in multiferroic layered solid solutions CuCr _{1-x} In _x P ₂ S ₆ . <i>Physical Review B</i> , 2011 , 84,	3.3	15
335	Polar states of the impurity system KTaO ₃ :Li. <i>Zeitschrift für Kristallographie</i> , 2011 , 226, 145-149		11
334	Structural, ferroelectric and magnetic properties of Bi _{0.85} Sm _{0.15} FeO ₃ perovskite. <i>Crystal Research and Technology</i> , 2011 , 46, 238-242	1.3	39
333	Exchange bias and ferromagnetic coercivity in heterostructures with antiferromagnetic Cr ₂ O ₃ . <i>Journal of Applied Physics</i> , 2011 , 110, 033917	2.5	24
332	Ferroelectric Phase Transitions Viewed Via Nonlinear Dielectric Response. <i>Ferroelectrics</i> , 2011 , 417, 82-92.6		7
331	Study of Ni ₂ MnTa phase formation by magnetron sputtering film deposition at low temperature onto Si substrates and LaNiO ₃ /Pb(Ti,Zr)O ₃ buffer. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2010 , 28, 6-10	2.9	27
330	Dynamics of Li ⁺ dipoles at very low concentration in quantum paraelectric potassium tantalate. <i>Journal of Applied Physics</i> , 2010 , 107, 094102	2.5	11
329	Large off-diagonal magnetoelectric coupling in the quantum paraelectric antiferromagnet EuTiO ₃ . <i>Physical Review B</i> , 2010 , 81,	3.3	89
328	Single-particle blocking and collective magnetic states in discontinuous CoFe/Al ₂ O ₃ multilayers. <i>Journal Physics D: Applied Physics</i> , 2010 , 43, 474002	3	19
327	Dynamic nonlinear susceptibility in solid dielectrics 2010 ,		1
326	Polar Structures in Relaxors by Piezoresponse Force Microscopy 2010 , 345-383		5
325	Multiferroic and magnetoelectric materials--novel developments and perspectives. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2010 , 57, 2228-32	3.2	19
324	Coexistence of antiferromagnetic and spin cluster glass order in the magnetoelectric relaxor multiferroic PbFe _{0.5} Nb _{0.5} O ₃ . <i>Physical Review Letters</i> , 2010 , 105, 257202	7.4	136

323	Does Highly Dilute KTaO ₃ :Li Undergo Collective Glassy Freezing?. <i>Ferroelectrics</i> , 2010 , 399, 118-122	0.6	5
322	Non-Linear Dielectric Susceptibility Near to the Field-Induced Ferroelectric Phase Transition of K _{0.937} Li _{0.063} TaO ₃ . <i>Ferroelectrics</i> , 2010 , 400, 35-40	0.6	4
321	Nonlinear Dielectric Response in the Vicinity of the Inverse Melting Point of Rochelle Salt. <i>Ferroelectrics</i> , 2010 , 400, 76-80	0.6	5
320	Interface-driven magnetoelectric effects in granular CrO ₂ . <i>Europhysics Letters</i> , 2010 , 91, 17006	1.6	8
319	Spin cluster glass and magnetoelectricity in Mn-doped KTaO ₃ . <i>Journal of Applied Physics</i> , 2010 , 107, 103925	2.5	14
318	Effect of Sm substitution on ferroelectric and magnetic properties of BiFeO ₃ . <i>Scripta Materialia</i> , 2010 , 62, 238-241	5.6	82
317	Successive antiferromagnetic phase transitions in ϵ MnS probed by the exchange bias effect. <i>Applied Physics Letters</i> , 2009 , 94, 032506	3.4	2
316	Epitaxial growth and magnetoelectric relaxor behavior in multiferroic 0.8Pb(Fe _{1/2} Nb _{1/2})O ₃ -0.2Pb(Mg _{1/2} W _{1/2})O ₃ thin films. <i>Applied Physics Letters</i> , 2009 , 95, 132507	3.4	16
315	Comment on Effect of 90° domain on ferroelectric properties of alkali modified SBN. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 078001	3	
314	Seeking Supersolidity in Helium Layers. <i>Physics Magazine</i> , 2009 , 2,	1.1	39
313	Magnetoelectricity in multiferroically composed multilayers and multiglasses. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 1785-1789	2.8	4
312	Doping strategies for increased performance in BiFeO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 1692-1698	2.8	149
311	Effect of Gd substitution on the crystal structure and multiferroic properties of BiFeO ₃ . <i>Acta Materialia</i> , 2009 , 57, 5137-5145	8.4	128
310	Supermagnetism. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 013001	3	777
309	Multiglass order and magnetoelectricity in Mn ²⁺ doped incipient ferroelectrics. <i>European Physical Journal B</i> , 2009 , 71, 407-410	1.2	38
308	The Dielectric Relaxation in Solid Solutions BaTi _{1-x} Zr _x O ₃ . <i>Ferroelectrics</i> , 2009 , 379, 77-85	0.6	57
307	Crystal structure and magnetic properties of Bi _{0.8} (Gd _{1-x} Ba _x) _{0.2} FeO ₃ (x= 0, 0.5, 1) multiferroics. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 045418	3	38
306	Dynamic magnetization properties of a superferromagnetic metal-insulator multilayer observed by magneto-optic Kerr microscopy. <i>Journal of Applied Physics</i> , 2009 , 105, 07C306	2.5	8

305	Spin-lattice coupling in multiferroic Pb(Fe _{1/2} Nb _{1/2})O ₃ thin films. <i>Applied Physics Letters</i> , 2009 , 94, 012509	0.6	51
304	Ferroelectric Phase Transitions and Electroconducting Properties of Ceramic BIMEVOX Solid Solutions (Me = La, Zr). <i>Ferroelectrics</i> , 2009 , 391, 3-11	0.6	14
303	Three-dimensional random-field Ising model phase transition in virgin Sr _{0.4} Ba _{0.6} Nb ₂ O ₆ : Overcoming aging. <i>Physical Review B</i> , 2009 , 80,	3.3	15
302	MAGNETOELECTRIC Cr ₂ O ₃ FOR SPINTRONIC APPLICATIONS. <i>Integrated Ferroelectrics</i> , 2008 , 99, 69-76	0.8	15
301	Thin Cr ₂ O ₃ Films for Magnetoelectric Data Storage Deposited by Reactive E-beam Evaporation. <i>Ferroelectrics</i> , 2008 , 370, 147-152	0.6	14
300	Crystal structure and multiferroic properties of Gd-substituted BiFeO ₃ . <i>Applied Physics Letters</i> , 2008 , 93, 262905	3.4	151
299	(Sr,Mn)TiO ₃ : a magnetoelectric multiglass. <i>Physical Review Letters</i> , 2008 , 101, 165704	7.4	138
298	Coexistence of spontaneous ferroelectricity and weak ferromagnetism in Bi _{0.8} Pb _{0.2} FeO _{2.9} perovskite. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 155207	1.8	15
297	Nanopolar structure in Sr _x Ba _{1-x} Nb ₂ O ₆ single crystals tuned by Sr/Ba ratio and investigated by piezoelectric force microscopy. <i>Physical Review B</i> , 2008 , 77,	3.3	111
296	Crossover from ferroelectric to relaxor behavior in BaTi _{1-x} Sn _x O ₃ solid solutions. <i>Phase Transitions</i> , 2008 , 81, 1013-1021	1.3	65
295	Ferroelectric Domains in Sr _x Ba _{1-x} Nb ₂ O ₆ Single Crystals (0.4 ≤ x ≤ 0.75). <i>Ferroelectrics</i> , 2008 , 376, 1-8	0.6	36
294	Optical Homogeneity of Czochralski-Grown Strontium-Barium Niobate Single Crystals. <i>Ferroelectrics</i> , 2008 , 373, 109-113	0.6	4
293	(Sr,Mn)TiO ₃ magnetoelectrically coupled multiglass. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 434216	1.8	31
292	Evolution of the Polar Structure in Relaxor Ferroelectrics Close to the Curie Temperature Studied by Piezoresponse Force Microscopy. <i>Ferroelectrics</i> , 2008 , 373, 77-85	0.6	30
291	Transition from Non-Percolated Superferromagnetism to Percolated Ferromagnetism in Granular Metal-Insulator Multilayers 2008 ,		1
290	ENHANCED MAGNETIZATION IN BiFeO ₃ /BaTiO ₃ MULTILAYERS: AN INTERFACE EFFECT?. <i>Integrated Ferroelectrics</i> , 2008 , 100, 165-176	0.8	24
289	Nonlinear Dielectric Properties of PMN Relaxor Crystals within Landau-Ginzburg-Devonshire Approximation. <i>Ferroelectrics</i> , 2008 , 363, 141-149	0.6	23
288	Multiferroic and Magnetoelectric Materials for Spintronics. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2008 , 3-11	0.2	4

287	Computer-controlled susceptometer for investigating the linear and nonlinear dielectric response. <i>Review of Scientific Instruments</i> , 2007 , 78, 033902	1.7	38
286	Polarized neutron reflectivity studies on granular Co ₈₀ Fe ₂₀ /Al ₂ O ₃ multilayers. <i>Physica B: Condensed Matter</i> , 2007 , 397, 65-67	2.8	3
285	Application of the magnetoelectric effect to exchange bias. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 2313-2315	2.8	16
284	Perspective: tools of modern magnetic materials research: Vector and Bragg magneto-optical Kerr effect for the analysis of nanostructured magnetic arrays [Rev. Sci. Instrum. 78, 121301 (2007)]. <i>Review of Scientific Instruments</i> , 2007 , 78, 120901	1.7	7
283	Non-Linear Dielectric Response of Relaxor Ferroelectrics Within Ginzburg-Landau-Devonshire Approximation. <i>Ferroelectrics</i> , 2007 , 354, 13-18	0.6	7
282	Superconducting quantum interference device setup for magnetoelectric measurements. <i>Review of Scientific Instruments</i> , 2007 , 78, 106105	1.7	65
281	Aging, rejuvenation, and memory effects in the domain state of Sr _{0.75} Ba _{0.25} Nb ₂ O ₆ . <i>Phase Transitions</i> , 2007 , 80, 131-140	1.3	25
280	Comment on "Critical behavior of ferroelectric SrTiO ₃ " <i>Physical Review B</i> , 2007 , 75,	3.3	10
279	Crystal structure and its correlation to intrinsic and extrinsic magnetic properties of epitaxial hard magnetic Pr-Co films. <i>Physical Review B</i> , 2007 , 75,	3.3	25
278	Modes of periodic domain wall motion in ultrathin ferromagnetic layers. <i>Physical Review Letters</i> , 2007 , 99, 097203	7.4	41
277	The Last Classical Physicist (Guest Editorial). <i>Ferroelectrics</i> , 2007 , 354, 1-2	0.6	1
276	Large bulk polarization and regular domain structure in ceramic BiFeO ₃ . <i>Applied Physics Letters</i> , 2007 , 90, 172115	3.4	207
275	Magneto-optical Materials 2007 ,		4
274	Universal Domain Wall Dynamics in Disordered Ferriic Materials. <i>Annual Review of Materials Research</i> , 2007 , 37, 415-448	12.8	107
273	Overcoming the Dipolar Disorder in Dense CoFe Nanoparticle Ensembles: Superferromagnetism. <i>Physical Review Letters</i> , 2007 , 98,	7.4	130
272	One-dimensional antiferromagnetism in the piezoelectric layered compound BaMnF ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 299, 404-411	2.8	10
271	Linear and Nonlinear Electric Susceptibility in the Quantum Domain State of SrTi ₁₈ O ₃ . <i>Ferroelectrics</i> , 2006 , 337, 13-17	0.6	4
270	Domainlike precursor clusters in the paraelectric phase of the uniaxial relaxor Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ . <i>Applied Physics Letters</i> , 2006 , 89, 212901	3.4	27

269	Modulated magnetization depth profile in dipolarly coupled magnetic multilayers. <i>Physical Review B</i> , 2006 , 74,	3.3	16
268	Universal Domain Wall Dynamics in Ferroelectrics and Relaxors. <i>Ferroelectrics</i> , 2006 , 334, 3-10	0.6	26
267	Diffuse phase transition in BaTi _{1-x} Sr _x O ₃ ceramics: An intermediate state between ferroelectric and relaxor behavior. <i>Journal of Applied Physics</i> , 2006 , 99, 124111	2.5	178
266	E-T Phase Diagrams for PbMg _{1/3} Nb _{2/3} O ₃ -PbTiO ₃ Single Crystals. <i>Ferroelectrics</i> , 2006 , 339, 137-146	0.6	2
265	Magnetoelectric exchange bias systems in spintronics. <i>Applied Physics Letters</i> , 2006 , 89, 202508	3.4	147
264	Evolution of nanodomains in the uniaxial relaxor Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ :Ce. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2006 , 53, 2275-9	3.2	14
263	Two-dimensional Ising model criticality in a three-dimensional uniaxial relaxor ferroelectric with frozen polar nanoregions. <i>Physical Review Letters</i> , 2006 , 97, 065702	7.4	75
262	Collective states of interacting ferromagnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 300, 192-197	2.8	137
261	Critical slowing down in the single crystalline relaxor SBN75. <i>Phase Transitions</i> , 2006 , 79, 505-511	1.3	16
260	Absence of true critical exponents in relaxor ferroelectrics: the case for nanodomain freezing. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, L523-L526	1.8	13
259	Multiferroically composed exchange bias systems. <i>Phase Transitions</i> , 2006 , 79, 1123-1133	1.3	16
258	The relaxor enigma – charge disorder and random fields in ferroelectrics. <i>Journal of Materials Science</i> , 2006 , 41, 129-136	4.3	191
257	The relaxor enigma – charge disorder and random fields in ferroelectrics 2006 , 129-136		4
256	Nonlinear and scaling properties of the dielectric response of SrTi ₁₈ O ₃ in the quantum paraelectric regime. <i>Physical Review B</i> , 2005 , 71,	3.3	28
255	Bias-field effect on the temperature anomalies of dielectric permittivity in PbMg _{1/3} Nb _{2/3} O ₃ -PbTiO ₃ single crystals. <i>Physical Review B</i> , 2005 , 72,	3.3	73
254	Magnetoelectric switching of exchange bias. <i>Physical Review Letters</i> , 2005 , 94, 117203	7.4	379
253	Unique Features of Strontium Titanate. <i>Ferroelectrics</i> , 2005 , 314, 7-18	0.6	18
252	Temperature Dependence of the Non-Linearity Coefficient of Strontium Titanate. <i>Ferroelectrics</i> , 2005 , 316, 59-64	0.6	3

251	Superparamagnetism versus superspin glass behavior in dilute magnetic nanoparticle systems. <i>Physical Review B</i> , 2005 , 72,	3.3	116
250	Dynamic phase transitions in ferroic systems with pinned domain walls. <i>Phase Transitions</i> , 2005 , 78, 811-816	3.6	39
249	Superferromagnetic domain state of a discontinuous metal insulator multilayer. <i>Physical Review B</i> , 2005 , 72,	3.3	30
248	Relaxor Ferroelectrics [From Random Field Models to Glassy Relaxation and Domain States 2005 , 275-301		12
247	Perpendicular exchange bias and its control by magnetic, stress and electric fields. <i>European Physical Journal B</i> , 2005 , 45, 197-201	1.2	18
246	Intra- and interparticle interaction in a dense frozen ferrofluid. <i>Phase Transitions</i> , 2005 , 78, 121-129	1.3	8
245	A sample holder design for high temperature measurements in superconducting quantum interference device magnetometers. <i>Review of Scientific Instruments</i> , 2005 , 76, 083910	1.7	4
244	Electrically controlled exchange bias for spintronic applications. <i>Journal of Applied Physics</i> , 2005 , 97, 10C514	2.5	57
243	Dynamics of nanoscale polar regions and critical behavior of the uniaxial relaxor Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ :Co. <i>Physical Review B</i> , 2005 , 72,	3.3	27
242	Creep and relaxation dynamics of domain walls in periodically poled KTiOPO ₄ . <i>Physical Review Letters</i> , 2005 , 94, 117601	7.4	55
241	Change from 3D-Ising to random field-Ising-model criticality in a uniaxial relaxor ferroelectric. <i>Physical Review Letters</i> , 2004 , 92, 065701	7.4	32
240	Models for the magnetic ac susceptibility of granular superferromagnetic CoFe/Al ₂ O ₃ . <i>Physical Review B</i> , 2004 , 70,	3.3	40
239	Electric-field-induced ferroelastic single domaining of SrTiO ₃ 18. <i>Applied Physics Letters</i> , 2004 , 85, 5328-5330	3.4	10
238	Aging in the ferroic random-field Ising model system strontium-barium niobate. <i>Physical Review B</i> , 2004 , 70,	3.3	11
237	Relaxor Ferroelectrics [From Random Field Models to Domain State Physics. <i>Ferroelectrics</i> , 2004 , 302, 247-252	0.6	9
236	Magneto-thermal behavior of a granular FeCl ₂ /Fe heterostructure. <i>Phase Transitions</i> , 2004 , 77, 217-224	1.3	1
235	Superferromagnetic domain state dynamics in discontinuous CoFe/Al ₂ O ₃ multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1201-E1203	2.8	2
234	Collective magnetic states of ferromagnetic nanoparticles in the superspin limit. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004 , 1, 3288-3296		8

233	Phase transition and random-field induced domain wall response in quantum ferroelectrics SrTi18O3: review and perspective. <i>Science and Technology of Advanced Materials</i> , 2004 , 5, 417-423	7.1	15
232	Non-equilibrium collective dynamics of a superspin glass. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1316-1318	2.8	15
231	Extrinsic control of the exchange bias. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 325-326	3.86	32
230	Dielectric Susceptibility of Strontium Titanate Doped with Ca. <i>Ferroelectrics</i> , 2004 , 299, 83-87	0.6	2
229	Universal and scaled relaxation of interacting magnetic nanoparticles. <i>Physical Review B</i> , 2004 , 70,	3.3	39
228	Quantum Phase Transition and Dielectric Domain Wall Response of SrTi18O3. <i>Ferroelectrics</i> , 2004 , 298, 163-169	0.6	13
227	Pressure As A Probe Of The Physics Of Compositionally-Substituted Quantum Paraelectrics: SrTiO3. <i>AIP Conference Proceedings</i> , 2003 ,	0	1
226	Non-Debye Domain Wall-Induced Dielectric Response in SBN :Ce. <i>Ferroelectrics</i> , 2003 , 286, 21-28	0.6	7
225	Temperature dependent determination of the linear electrooptic coefficient r33 in Sr0.61Ba0.39Nb2O6 single crystals by means of light-induced scattering. <i>Optics Communications</i> , 2003 , 218, 173-182	2	28
224	Pressure as a probe of dielectric properties and phase transition of doped quantum paraelectrics: Sr1-xCaxTiO3 (x=0.007). <i>Physical Review B</i> , 2003 , 67,	3.3	10
223	Cole-Cole Analysis of the Superspin Glass System Co80Fe20/Al2O3. <i>Phase Transitions</i> , 2003 , 76, 367-375	3.75	26
222	Nonlinear susceptibility and phase transition in SrTi18O3. <i>Physical Review B</i> , 2003 , 67,	3.3	21
221	Probing polar nanoregions in Sr0.61Ba0.39Nb2O6 via second-harmonic dielectric response. <i>Physical Review B</i> , 2003 , 68,	3.3	26
220	Cooperative versus superparamagnetic behavior of dense magnetic nanoparticles in Co80Fe20/Al2O3 multilayers. <i>Applied Physics Letters</i> , 2003 , 82, 4116-4118	3.4	58
219	Aging and memory in a superspin glass. <i>Physical Review B</i> , 2003 , 67,	3.3	93
218	Relaxation and aging of a superferromagnetic domain state. <i>Physical Review B</i> , 2003 , 68,	3.3	46
217	Giant metamagnetic moments in a granular FeCl2/Fe heterostructure. <i>Physical Review B</i> , 2003 , 68,	3.3	13
216	Exchange bias in Fe0.6Zn0.4F2/Fe heterostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 240, 257-260	2.8	18

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