

Wolfgang Kleemann

List of Publications by Year in descending order

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386
papers

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393
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times ranked

8292
citing authors

#	ARTICLE	IF	CITATIONS
1	SrTiO ₃ "Glimpses of an Inexhaustible Source of Novel Solid State Phenomena. Condensed Matter, 2020, 5, 58.	1.8	12
2	Special Issue of ICMAGMA 2018 on Topics Magnetic Nanoparticles and Thin Films. Journal of Superconductivity and Novel Magnetism, 2020, 33, 1585-1585.	1.8	0
3	Ferroelectric phase transitions of uniaxial Sr _{1-x} Ba _x Nb ₂ O ₆ and their composition variation. Japanese Journal of Applied Physics, 2019, 58, SLLA02.	1.5	4
4	Relaxor ferroelectrics and related superglasses. Ferroelectrics, 2019, 553, 1-7.	0.6	7
5	Ferroc superglasses: Relaxor ferroelectrics PMN and SBN vs. CoFe superspin glass. Ferroelectrics, 2018, 534, 1-10.	0.6	1
6	Relaxor Ferroelectrics and Related Cluster Glasses. Springer Series in Materials Science, 2018, , 119-152.	0.6	1
7	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mn>360</mml:mn><mml:mo>~</mml:mo></mml:msup></mml:math> domain walls in magnetic thin films with uniaxial and random anisotropy. Physical Review B, 2018, 98, .		
8	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. Japanese Journal of Applied Physics, 2018, 57, 07LB11.	1.5	3
9	Multiferroic and magnetoelectric nanocomposites for data processing. Journal Physics D: Applied Physics, 2017, 50, 223001.	2.8	34
10	Large Electrocaloric Effect in Relaxor Ferroelectric and Antiferroelectric Lanthanum Doped Lead Zirconate Titanate Ceramics. Scientific Reports, 2017, 7, 45335.	3.3	98
11	Electric field effect on elastic properties of uniaxial relaxor Sr _x Ba _{1-x} Nb ₂ O ₆ single crystals with strong random fields. Japanese Journal of Applied Physics, 2017, 56, 10PC06.	1.5	4
12	Electric field and aging effects of uniaxial ferroelectrics Sr _x Ba _{1-x} Nb ₂ O ₆ probed by Brillouin scattering. Scientific Reports, 2017, 7, 11615.	3.3	15
13	Multiferroic Clusters: A New Perspective for Relaxor-Type Room-Temperature Multiferroics. Advanced Functional Materials, 2016, 26, 2111-2121.	14.9	42
14	Field dependent elastic anomaly in uniaxial tungsten bronze relaxors. Japanese Journal of Applied Physics, 2016, 55, 10TC01.	1.5	5
15	Ferroc superglasses: Polar nanoregions in relaxor ferroelectric PMN versus CoFe superspins in a discontinuous multilayer. Physical Review B, 2016, 94, .	3.2	22
16	Multiferroics: Multiferroic Clusters: A New Perspective for Relaxor-Type Room-Temperature Multiferroics (Adv. Funct. Mater. 13/2016). Advanced Functional Materials, 2016, 26, 2110-2110.	14.9	0
17	Superdipole glass ground state of relaxor ferroelectrics. Ferroelectrics, 2016, 499, 72-75.	0.6	3
18	Controlling the size and relaxation dynamics of superferromagnetic domains. Journal of Applied Physics, 2015, 117, .	2.5	5

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19	Supermagnetism. Handbook of Magnetic Materials, 2015, , 1-83.	0.6	42
20	The cluster glass route of relaxor ferroelectrics. Phase Transitions, 2015, 88, 234-244.	1.3	21
21	10.1063/1.4918670.1. , 2015, , .		0
22	Glassy Phenomena in Relaxor Ferroelectrics. Springer Series in Materials Science, 2014, , 249-269.	0.6	5
23	Non-linear permittivity study of the crossover from ferroelectric to relaxor and cluster glass in BaTi _{1-x} Sr _x O ₃ ($x=0.175-0.30$). Applied Physics Letters, 2014, 104, .	3.3	27
24	Relaxor ferroelectrics: Cluster glass ground state via random fields and random bonds. Physica Status Solidi (B): Basic Research, 2014, 251, 1993-2002.	1.5	106
25	Critical slowing down and elastic anomaly of uniaxial ferroelectric $\text{Ca}_{0.28}\text{O}_6$ crystals with tungsten bronze structure. Physical Review B, 2014, 90, .	3.2	16
26	Comment on "The Origin of Magnetism in Mn-Doped SrTiO ₃ ". Advanced Functional Materials, 2013, 23, 2229-2230.	14.9	11
27	Magnetolectric spintronics. Journal of Applied Physics, 2013, 114, .	2.5	45
28	Electric in-plane polarization in multiferroic CoFe ₂ O ₄ /BaTiO ₃ nanocomposite tuned by magnetic fields. Nature Communications, 2013, 4, 2051.	12.8	126
29	Multiferroic and Magnetolectric Materials. Springer Tracts in Modern Physics, 2013, , 163-187.	0.1	23
30	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. Applied Physics Letters, 2013, 102, .	3.3	55
31	Two-stage processes of electrically induced-ferroelectric to relaxor transition in 0.94(Bi _{1/2} Na _{1/2})TiO ₃ -0.06BaTiO ₃ . Applied Physics Letters, 2013, 102, .	3.3	182
32	Magnetic Nanoparticles: A Subject for Both Fundamental Research and Applications. Journal of Nanomaterials, 2013, 2013, 1-22.	2.7	43
33	Synthesis, Properties, and Applications of Single-Domain Magnetic Nanoparticles. Journal of Nanomaterials, 2013, 2013, 1-2.	2.7	6
34	Effect of Inter-Particle Interactions in Magnetic Nanoparticle Ensembles. Sensor Letters, 2013, 11, 2030-2037.	0.4	1
35	Supermagnetism in discontinuous CoFe/Al ₂ O ₃ multilayers. , 2012, , .		0
36	Spin disorder dependence of the exchange bias effect. Physical Review B, 2012, 86, .	3.2	15

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37	RANDOM FIELDS IN RELAXOR FERROELECTRICS – A JUBILEE REVIEW. Journal of Advanced Dielectrics, 2012, 02, 1241001.	2.4	105
38	From mesoscopic to global polar order in the uniaxial relaxor ferroelectric Sr _{0.8} Ba _{0.2} Nb ₂ O ₆ . Applied Physics Letters, 2012, 100, 052903. Phase diagram of mixed Cu(In _{1-x} Mn _x) ₂ S ₄ ferroelectrics. Journal of Applied Physics, 2012, 112, 084101.	3.3	20
39	Magnetic and polar phases and dynamical clustering in multiferroic layered solid solutions CuCr ₂ S ₄ . Physical Review B, 2012, 85, 120407.	3.2	13
40	Magnetolectric Switching in Multiferroic Heterostructures. Ferroelectrics, 2012, 438, 89-93.	0.6	0
41	Magnetolectric Coupling in Disordered Multiferroics. Ferroelectrics, 2012, 428, 64-73.	0.6	9
42	Multiferroic and magnetolectric materials – Developments and perspectives. EPJ Web of Conferences, 2012, 29, 00046. Magnetic and polar phases and dynamical clustering in multiferroic layered solid solutions CuCr ₂ S ₄ . Physical Review B, 2012, 85, 120407.	0.3	14
43	Magnetic and polar phases and dynamical clustering in multiferroic layered solid solutions CuCr ₂ S ₄ . Physical Review B, 2012, 85, 120407.	0.3	14
44	Polar states of the impurity system KTaO ₃ :Li. Zeitschrift für Kristallographie, 2011, 226, 145-149.	1.1	15
45	Structural, ferroelectric and magnetic properties of Bi _{0.85} Sm _{0.15} FeO ₃ perovskite. Crystal Research and Technology, 2011, 46, 238-242.	1.3	43
46	Exchange bias and ferromagnetic coercivity in heterostructures with antiferromagnetic Cr ₂ O ₃ . Journal of Applied Physics, 2011, 110, .	2.5	25
47	Ferroelectric Phase Transitions Viewed Via Nonlinear Dielectric Response. Ferroelectrics, 2011, 417, 82-92.	0.6	8
48	Spin cluster glass and magnetolectricity in Mn-doped KTaO ₃ . Journal of Applied Physics, 2010, 107, .	2.5	17
49	Effect of Sm substitution on ferroelectric and magnetic properties of BiFeO ₃ . Scripta Materialia, 2010, 62, 238-241.	5.2	95
50	Study of Ni-Mn-Ga phase formation by magnetron sputtering film deposition at low temperature onto Si substrates and LaNiO ₃ •Pb(Ti,Zr)O ₃ buffer. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2010, 28, 6-10.	2.1	27
51	Dynamics of Li ⁺ dipoles at very low concentration in quantum paraelectric potassium tantalate. Journal of Applied Physics, 2010, 107, 094102.	2.5	12
52	Large off-diagonal magnetolectric coupling in the quantum paraelectric antiferromagnet EuTiO ₃ . Physical Review B, 2010, 81, .	3.2	91
53	Single-particle blocking and collective magnetic states in discontinuous CoFe/Al ₂ O ₃ multilayers. Journal Physics D: Applied Physics, 2010, 43, 474002.	2.8	19
54	Dynamic nonlinear susceptibility in solid dielectrics. , 2010, , .		1

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55	Polar Structures in Relaxors by Piezoresponse Force Microscopy. , 2010, , 345-383.		5
56	Multiferroic and magnetoelectric materials—novel developments and perspectives. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2010, 57, 2228-2232.	3.0	19
57	Coexistence of Antiferromagnetic and Spin Cluster Glass Order in the Magnetoelectric Relaxor Multiferroic $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$. Physical Review Letters, 2010, 105, 257202.		
58	Does Highly Dilute KTaO_3 :Li Undergo Collective Glassy Freezing?. Ferroelectrics, 2010, 399, 118-122.	0.6	5
59	Non-Linear Dielectric Susceptibility Near to the Field-Induced Ferroelectric Phase Transition of $\text{K}_{0.937}\text{Li}_{0.063}\text{TaO}_3$. Ferroelectrics, 2010, 400, 35-40.	0.6	5
60	Nonlinear Dielectric Response in the Vicinity of the "Inverse Melting" Point of Rochelle Salt. Ferroelectrics, 2010, 400, 76-80.	0.6	6
61	Interface-driven magnetoelectric effects in granular CrO_2 . Europhysics Letters, 2010, 91, 17006.	2.0	8
62	Successive antiferromagnetic phase transitions in $\hat{\Gamma}_2$ -MnS probed by the exchange bias effect. Applied Physics Letters, 2009, 94, .	3.3	3
63	Epitaxial growth and magnetoelectric relaxor behavior in multiferroic $0.8\text{Pb}(\text{Fe}_{1/2}\text{Nb}_{1/2})\text{O}_3 \sim 0.2\text{Pb}(\text{Mg}_{1/2}\text{W}_{1/2})\text{O}_3$ thin films. Applied Physics Letters, 2009, 95, 132507.	3.3	19
64	Comment on "Effect of 90° domain on ferroelectric properties of alkali modified SBN". Journal Physics D: Applied Physics, 2009, 42, 078001.	2.8	0
65	Switching magnetism with electric fields. Physics Magazine, 2009, 2, .	0.1	41
66	Magnetoelectricity in multiferroically composed multilayers and multiglasses. Journal of Magnetism and Magnetic Materials, 2009, 321, 1785-1789.	2.3	4
67	Doping strategies for increased performance in BiFeO_3 . Journal of Magnetism and Magnetic Materials, 2009, 321, 1692-1698.	2.3	161
68	Effect of Gd substitution on the crystal structure and multiferroic properties of BiFeO_3 . Acta Materialia, 2009, 57, 5137-5145.	7.9	144
69	Supermagnetism. Journal Physics D: Applied Physics, 2009, 42, 013001.	2.8	901
70	Multiglass order and magnetoelectricity in Mn^{2+} doped incipient ferroelectrics. European Physical Journal B, 2009, 71, 407-410.	1.5	44
71	The Dielectric Relaxation in Solid Solutions $\text{BaTi}_{1-x}\text{Zr}_x\text{O}_3$. Ferroelectrics, 2009, 379, 77-85.	0.6	70
72	Crystal structure and magnetic properties of $\text{Bi}_{0.8}(\text{Gd}_{1-x}\text{Ba}_x)\text{O}_2\text{FeO}_3$ ($x = 0, 0.5, 1$) multiferroics. Journal Physics D: Applied Physics, 2009, 42, 045418.	2.8	40

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73	Dynamic magnetization properties of a superferromagnetic metal-insulator multilayer observed by magneto-optic Kerr microscopy. Journal of Applied Physics, 2009, 105, 07C306.	2.5	8
74	Spin-lattice coupling in multiferroic Pb(Fe _{1/2} Nb _{1/2})O ₃ thin films. Applied Physics Letters, 2009, 94, .	3.3	54
75	Ferroelectric Phase Transitions and Electroconducting Properties of Ceramic BIMEVOX Solid Solutions (Me = La, Zr). Ferroelectrics, 2009, 391, 3-11.	0.6	15
76	Three-dimensional random-field Ising model phase transition in virgin $\text{Sr}_{0.4}\text{Ti}_{0.4}\text{O}_{3-x}$ Physical Review B, 2009, 80, .	3.2	15
77	MAGNETOELECTRIC Cr ₂ O ₃ FOR SPINTRONIC APPLICATIONS. Integrated Ferroelectrics, 2008, 99, 69-76.	0.7	21
78	Thin Cr ₂ O ₃ Films for Magnetoelectric Data Storage Deposited by Reactive E-beam Evaporation. Ferroelectrics, 2008, 370, 147-152.	0.6	16
79	Crystal structure and multiferroic properties of Gd-substituted BiFeO ₃ . Applied Physics Letters, 2008, 93, .	3.3	172
80	(Sr,Mn)TiO ₃ : A Magnetoelectric Multiglass. Physical Review Letters, 2008, 101, 165704.	7.8	151
81	Coexistence of spontaneous ferroelectricity and weak ferromagnetism in Bi _{0.8} Pb _{0.2} FeO _{2.9} perovskite. Journal of Physics Condensed Matter, 2008, 20, 155207.	1.8	18
82	Nanopolar structure in $\text{SrBa}_x\text{Nb}_2\text{O}_{6-x}$ Crossover from ferroelectric to relaxor behavior in	3.2	123
83	BaTi _{1-x} Sn _x O ₃ solid solutions. Phase Transitions, 2008, 81, 1013-1021.	1.3	74
84	Ferroelectric Domains in Sr _x Ba _{1-x} Nb ₂ O ₆ Single Crystals (0.4 ≤ x ≤ 0.75). Ferroelectrics, 2008, 376, 1-8.	0.6	39
85	Optical Homogeneity of Czochralski-Grown Strontium-Barium Niobate Single Crystals. Ferroelectrics, 2008, 373, 109-113.	0.6	4
86	(Sr,Mn)TiO ₃ a magnetoelectrically coupled multiglass. Journal of Physics Condensed Matter, 2008, 20, 434216.	1.8	34
87	Evolution of the Polar Structure in Relaxor Ferroelectrics Close to the Curie Temperature Studied by Piezoresponse Force Microscopy. Ferroelectrics, 2008, 373, 77-85.	0.6	33
88	Transition from Non-Percolated Superferromagnetism to Percolated Ferromagnetism in Granular Metal-Insulator Multilayers. , 2008, , .		1
89	ENHANCED MAGNETIZATION IN BiFeO ₃ /BaTiO ₃ MULTILAYERS: AN INTERFACE EFFECT?. Integrated Ferroelectrics, 2008, 100, 165-176.	0.7	25
90	Nonlinear Dielectric Properties of PMN Relaxor Crystals within Landau-Ginzburg-Devonshire Approximation. Ferroelectrics, 2008, 363, 141-149.	0.6	28

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91	Multiferroic and Magnetoelectric Materials for Spintronics. NATO Science for Peace and Security Series B: Physics and Biophysics, 2008, , 3-11.	0.3	4
92	Les matériaux multiferroïques. , 2008, , 10-13.	0.1	1
93	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)]. Review of Scientific Instruments, 2007, 78, 120901.	1.3	8
94	Non-Linear Dielectric Response of Relaxor Ferroelectrics Within Ginzburg-Landau-Devonshire Approximation. Ferroelectrics, 2007, 354, 13-18.	0.6	7
95	Superconducting quantum interference device setup for magnetoelectric measurements. Review of Scientific Instruments, 2007, 78, 106105.	1.3	68
96	Aging, rejuvenation, and memory effects in the domain state of Sr _{0.75} Ba _{0.25} Nb ₂ O ₆ . Phase Transitions, 2007, 80, 131-140.	1.3	27
97	Comment on "Critical behavior of ferroelectric SrTiO ₃ ". Physical Review B, 2007, 75, .	3.2	11
98	Crystal structure and its correlation to intrinsic and extrinsic magnetic properties of epitaxial hard magnetic Pr-Co films. Physical Review B, 2007, 75, .	3.2	26
99	Modes of Periodic Domain Wall Motion in Ultrathin Ferromagnetic Layers. Physical Review Letters, 2007, 99, 097203.	7.8	44
100	The Last Classical Physicist (Guest Editorial). Ferroelectrics, 2007, 354, 1-2.	0.6	1
101	Tribute to Prof. Vitaly L. Ginzburg. Ferroelectrics, 2007, 354, 3-4.	0.6	0
102	Large bulk polarization and regular domain structure in ceramic BiFeO ₃ . Applied Physics Letters, 2007, 90, 172115.	3.3	225
103	Universal Domain Wall Dynamics in Disordered Ferroic Materials. Annual Review of Materials Research, 2007, 37, 415-448.	9.3	118
104	Overcoming the Dipolar Disorder in Dense CoFe Nanoparticle Ensembles: Superferromagnetism. Physical Review Letters, 2007, 98, .	7.8	143
105	Computer-controlled susceptometer for investigating the linear and nonlinear dielectric response. Review of Scientific Instruments, 2007, 78, 033902.	1.3	44
106	Polarized neutron reflectivity studies on granular Co ₈₀ Fe ₂₀ /Al ₂ O ₃ multilayers. Physica B: Condensed Matter, 2007, 397, 65-67.	2.7	3
107	Application of the magnetoelectric effect to exchange bias. Journal of Magnetism and Magnetic Materials, 2007, 310, 2313-2315.	2.3	16
108	Magnetoelectric exchange bias systems in spintronics. Applied Physics Letters, 2006, 89, 202508.	3.3	163

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109	Evolution of nanodomains in the uniaxial relaxor Sr _{0.61} /Ba _{0.39} /Nb ₂ /O ₆ /Ce. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2006, 53, 2275-2279.	3.0	16
110	Two-Dimensional Ising Model Criticality in a Three-Dimensional Uniaxial Relaxor Ferroelectric with Frozen Polar Nanoregions. Physical Review Letters, 2006, 97, 065702.	7.8	80
111	Collective states of interacting ferromagnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2006, 300, 192-197.	2.3	155
112	Critical slowing down in the single crystalline relaxor SBN75. Phase Transitions, 2006, 79, 505-511.	1.3	16
113	Absence of true critical exponents in relaxor ferroelectrics: the case for nanodomain freezing. Journal of Physics Condensed Matter, 2006, 18, L523-L526.	1.8	13
114	Multiferroically composed exchange bias systems. Phase Transitions, 2006, 79, 1123-1133.	1.3	16
115	The relaxor enigma " charge disorder and random fields in ferroelectrics. Journal of Materials Science, 2006, 41, 129-136.	3.7	213
116	One-dimensional antiferromagnetism in the piezoelectric layered compound BaMnF ₄ . Journal of Magnetism and Magnetic Materials, 2006, 299, 404-411.	2.3	10
117	Linear and Nonlinear Electric Susceptibility in the Quantum Domain State of SrTi ₁₈ O ₃ . Ferroelectrics, 2006, 337, 13-17.	0.6	4
118	Domainlike precursor clusters in the paraelectric phase of the uniaxial relaxor Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ . Applied Physics Letters, 2006, 89, 212901.	3.3	27
119	Modulated magnetization depth profile in dipolarly coupled magnetic multilayers. Physical Review B, 2006, 74, .	3.2	17
120	Universal Domain Wall Dynamics in Ferroelectrics and Relaxors. Ferroelectrics, 2006, 334, 3-10.	0.6	26
121	Diffuse phase transition in BaTi _{1-x} Sr _x O ₃ ceramics: An intermediate state between ferroelectric and relaxor behavior. Journal of Applied Physics, 2006, 99, 124111.	2.5	201
122	E-T Phase Diagrams for PbMg _{1/3} Nb _{2/3} O ₃ -PbTiO ₃ Single Crystals. Ferroelectrics, 2006, 339, 137-146.	0.6	3
123	The relaxor enigma " charge disorder and random fields in ferroelectrics. , 2006, , 129-136.		5
124	Relaxor Ferroelectrics - from Random Field Models to Glassy Relaxation and Domain States. , 2005, , 275-301.		13
125	Perpendicular exchange bias and its control by magnetic, stress and electric fields. European Physical Journal B, 2005, 45, 197-201.	1.5	22
126	Intra- and interparticle interaction in a dense frozen ferrofluid. Phase Transitions, 2005, 78, 121-129.	1.3	9

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127	A sample holder design for high temperature measurements in superconducting quantum interference device magnetometers. <i>Review of Scientific Instruments</i> , 2005, 76, 083910.	1.3	4
128	Electrically controlled exchange bias for spintronic applications. <i>Journal of Applied Physics</i> , 2005, 97, 10C514.	2.5	73
129	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, .	3.2	27
130	Creep and Relaxation Dynamics of Domain Walls in Periodically Poled KTiOPO ₄ . <i>Physical Review Letters</i> , 2005, 94, 117601.	7.8	56
131	Tributes to Professor Vladislav V. Lemanov. <i>Ferroelectrics</i> , 2005, 314, xi-xv.	0.6	0
132	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, .	3.2	29
133	Bias-field effect on the temperature anomalies of dielectric permittivity in PbMg _{1-x} Nb _{2-x-3x} PbTiO ₃ single crystals. <i>Physical Review B</i> , 2005, 72, .	3.2	76
134	Magnetolectric Switching of Exchange Bias. <i>Physical Review Letters</i> , 2005, 94, 117203.	7.8	417
135	Unique Features of Strontium Titanate. <i>Ferroelectrics</i> , 2005, 314, 7-18.	0.6	19
136	Temperature Dependence of the Non-Linearity Coefficient of Strontium Titanate. <i>Ferroelectrics</i> , 2005, 316, 59-64.	0.6	3
137	Superparamagnetism versus superspin glass behavior in dilute magnetic nanoparticle systems. <i>Physical Review B</i> , 2005, 72, .	3.2	131
138	Dynamic phase transitions in ferroic systems with pinned domain walls. <i>Phase Transitions</i> , 2005, 78, 811-816.	1.3	40
139	Superferromagnetic domain state of a discontinuous metal insulator multilayer. <i>Physical Review B</i> , 2005, 72, .	3.2	31
140	Change from 3D-Ising to Random Field-Ising-Model Criticality in a Uniaxial Relaxor Ferroelectric. <i>Physical Review Letters</i> , 2004, 92, 065701.	7.8	35
141	Models for the magnetic ac susceptibility of granular superferromagnetic CoFe ₂ Al ₂ O ₃ . <i>Physical Review B</i> , 2004, 70, .	3.2	41
142	Publisher's Note: Universal and scaled relaxation of interacting magnetic nanoparticles [Phys. Rev. B70, 172411 (2004)]. <i>Physical Review B</i> , 2004, 70, .	3.2	0
143	Electric-field-induced ferroelastic single domaining of SrTiO ₃ . <i>Applied Physics Letters</i> , 2004, 85, 5328-5330.	3.3	12
144	Aging in the ferroic random-field Ising model system strontium-barium niobate. <i>Physical Review B</i> , 2004, 70, .	3.2	11

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145	Relaxor Ferroelectrics—From Random Field Models to Domain State Physics. <i>Ferroelectrics</i> , 2004, 302, 247-252.	0.6	11
146	Magneto-thermal behavior of a granular FeCl ₂ –Fe heterostructure. <i>Phase Transitions</i> , 2004, 77, 217-224.	1.3	1
147	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.	2.3	2
148	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.	0.8	11
149	Phase transition and random-field induced domain wall response in quantum ferroelectrics SrTi ₁₈ O ₃ : review and perspective. <i>Science and Technology of Advanced Materials</i> , 2004, 5, 417-423.	6.1	15
150	Non-equilibrium collective dynamics of a superspin glass. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1316-1318.	2.3	18
151	Extrinsic control of the exchange bias. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 325-326.	2.3	32
152	Dielectric Susceptibility of Strontium Titanate Doped with Ca. <i>Ferroelectrics</i> , 2004, 299, 83-87.	0.6	2
153	Universal and scaled relaxation of interacting magnetic nanoparticles. <i>Physical Review B</i> , 2004, 70, .	3.2	40
154	Quantum Phase Transition and Dielectric Domain Wall Response of SrTi ₁₈ O ₃ . <i>Ferroelectrics</i> , 2004, 298, 163-169.	0.6	14
155	Temperature dependent determination of the linear electrooptic coefficient r_{33} in Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ single crystals by means of light-induced scattering. <i>Optics Communications</i> , 2003, 218, 173-182.	2.1	29
156	Pressure as a probe of dielectric properties and phase transition of doped quantum paraelectrics: Sr _{1-x} Ca _x TiO ₃ (x=0.007). <i>Physical Review B</i> , 2003, 67, .	3.2	10
157	Cole-Cole Analysis of the Superspin Glass System Co ₈₀ Fe ₂₀ /Al ₂ O ₃ . <i>Phase Transitions</i> , 2003, 76, 367-375.	1.3	27
158	Nonlinear susceptibility and phase transition in SrTi ₁₈ O ₃ . <i>Physical Review B</i> , 2003, 67, .	3.2	21
159	Probing polar nanoregions in Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ via second-harmonic dielectric response. <i>Physical Review B</i> , 2003, 68, .	3.2	27
160	Cooperative versus superparamagnetic behavior of dense magnetic nanoparticles in Co ₈₀ Fe ₂₀ /Al ₂ O ₃ multilayers. <i>Applied Physics Letters</i> , 2003, 82, 4116-4118.	3.3	65
161	Aging and memory in a superspin glass. <i>Physical Review B</i> , 2003, 67, .	3.2	106
162	Relaxation and aging of a superferromagnetic domain state. <i>Physical Review B</i> , 2003, 68, .	3.2	50

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163	Giant metamagnetic moments in a granular FeCl_2/Fe heterostructure. <i>Physical Review B</i> , 2003, 68, .	3.2	14
164	Pressure As A Probe Of The Physics Of Compositionally-Substituted Quantum Paraelectrics: SrTiO_3 . AIP Conference Proceedings, 2003, .	0.4	2
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166	Random Fields at Transitions from Relaxor to Glassy and Ferroelectric States. <i>Ferroelectrics</i> , 2002, 267, 157-164.	0.6	10
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