

Jiri Hlinka

List of Publications by Year in descending order

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190
papers

4,599
citations

117571

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60
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196
all docs

196
docs citations

196
times ranked

3566
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenomenological model of a 90° domain wall in BaTiO ₃ -type ferroelectrics. Physical Review B, 2006, 74, .	1.1	283
2	Domain walls of ferroelectric BaTiO ₃ in the Ginzburg-Landau-Devonshire phenomenological model. Physical Review B, 2010, 81, .	1.1	125
3	Coexistence of the Phonon and Relaxation Soft Modes in the Terahertz Dielectric Response of Tetragonal BaTiO ₃ . Physical Review Letters, 2008, 101, 167402.	2.9	191
4	Infrared dielectric response of relaxor ferroelectrics. Phase Transitions, 2006, 79, 41-78.	0.6	171
5	Domain-wall engineering and topological defects in ferroelectric and ferroelastic materials. Nature Reviews Physics, 2020, 2, 634-648.	11.9	154
6	Terahertz dielectric response of cubic BaTiO ₃ . Physical Review B, 2008, 77, .	1.1	125
7	Angular dispersion of oblique phonon modes in BiFeO ₃ from micro-Raman scattering. Physical Review B, 2011, 83, .	1.1	123
8	Multiple Soft-Mode Vibrations of Lead Zirconate. Physical Review Letters, 2014, 112, 197601.	2.9	110
9	Origin of the "Waterfall" Effect in Phonon Dispersion of Relaxor Perovskites. Physical Review Letters, 2003, 91, 107602.	2.9	90
10	DO WE NEED THE ETHER OF POLAR NANOREGIONS?. Journal of Advanced Dielectrics, 2012, 02, 1241006.	1.5	81
11	The piezoelectric response of nanotwinned BaTiO ₃ . Nanotechnology, 2009, 20, 105709.	1.3	80
12	Resolved E-symmetry zone-centre phonons in LiTaO ₃ and LiNbO ₃ . Journal of Applied Physics, 2012, 111, .	1.1	76
13	Phonons in MgB ₂ by polarized Raman scattering on single crystals. Physical Review B, 2001, 64, .	1.1	72
14	Compositional behavior of Raman-active phonons in PbMg _{1/3} Nb _{2/3} O ₃ . Physical Review B, 2012, 85, .	1.1	72
15	Polar phonon mixing in magnetoelectric EuTiO ₃ . European Physical Journal B, 2009, 71, 429-433.	0.6	68
16	Polar nanoregions and diffuse scattering in the relaxor ferroelectric PbMg _{1/3} Nb _{2/3} O ₃ . Physical Review B, 2012, 85, .	1.1	67
17	Symmetry Guide to Ferroaxial Transitions. Physical Review Letters, 2016, 116, 177602.	2.9	67
18	Broadband dielectric response of Ba(Zr,Ti)O ₃ ceramics: From incipient via relaxor and diffuse up to classical ferroelectric behavior. Physical Review B, 2012, 86, .	1.1	66

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19	Subterahertz collective dynamics of polar vortices. <i>Nature</i> , 2021, 592, 376-380.	13.7	66
20	Fano resonance and dipolar relaxation in lead-free relaxors. <i>Nature Communications</i> , 2014, 5, 5100.	5.8	57
21	Anisotropic Dielectric Function in Polar Nanoregions of Relaxor Ferroelectrics. <i>Physical Review Letters</i> , 2006, 96, 027601.	2.9	56
22	Stress-induced phase transition in ferroelectric domain walls of BaTiO ₃ . <i>Journal of Physics Condensed Matter</i> , 2012, 24, 212201.	0.7	55
23	Subterahertz dielectric relaxation in lead-free Ba(Zr,Ti)O ₃ relaxor ferroelectrics. <i>Nature Communications</i> , 2016, 7, 11014.	5.8	54
24	Bloch-type domain walls in rhombohedral BaTiO ₃ . <i>Physical Review B</i> , 2012, 86, .	1.1	53
25	Soft Mode Doublet in PbMgO ₃ Relaxor Investigated with Hyper-Raman Scattering. <i>Physical Review Letters</i> , 2010, 105, 017601.	2.9	52
26	Temperature and electric field tuning of the ferroelectric soft mode in a strained SrTiO ₃ . <i>Physical Review B</i> , 2009, 80, .	1.1	48
27	Structural Heterogeneity and Diffuse Scattering in Morphotropic Lead Zirconate-Titanate Single Crystals. <i>Physical Review Letters</i> , 2012, 109, 097603.	2.9	43
28	Eight Types of Symmetrically Distinct Vectorlike Physical Quantities. <i>Physical Review Letters</i> , 2014, 113, 165502.	2.9	43
29	Mobility of Ferroelastic Domain Walls in Barium Titanate. <i>Ferroelectrics</i> , 2007, 349, 49-54.	0.3	41
30	Metallic ferroelectric supercrystals with periodically curved metallic layers. <i>Nature Materials</i> , 2021, 20, 495-502.	13.3	39
31	Diffuse scattering in Pb(Zm _{1/3} Nb _{2/3})O ₃ with 8 Å PbTiO ₃ by quasi-elastic neutron scattering. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 4249-4257.	0.7	37
32	Broad-band dielectric spectroscopy and ferroelectric soft-mode response in the Ba _{0.6} Sr _{0.4} TiO ₃ solid solution. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 474215.	0.7	37
33	Kinetics of Luminescence in KCl:TI Multiphonon Processes. <i>Physica Status Solidi (B): Basic Research</i> , 1991, 166, 503-510.	0.7	35
34	Dielectric, magnetic, and lattice dynamics properties of Y-type hexaferrite Ba _{0.5} Sr _{1.5} Zn ₂ Fe ₁₂ O ₂₂ : Comparison of ceramics and single crystals. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	35
35	Temperature-independent giant dielectric response in transitional BaTiO ₃ thin films. <i>Applied Physics Reviews</i> , 2020, 7, 011402.	5.5	35
36	Broadband Dielectric Spectroscopy of Ba(Zr,Ti)O ₃ : Dynamics of Relaxors and Diffuse Ferroelectrics. <i>Ferroelectrics</i> , 2014, 469, 14-25.	0.3	33

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37	Phonon Symmetry Selection Rules for Inelastic Neutron Scattering. Physical Review Letters, 1998, 81, 2462-2465.	2.9	32
38	Complete spectrum of long-wavelength phonon modes in Sn ₂ P ₂ S ₆ by Raman scattering. Physical Review B, 2002, 65, .	1.1	32
39	Soft antiferroelectric fluctuations in morphotropic PbZr _{1-x} Ti _x O ₃ single crystals as evidenced by inelastic x-ray scattering. Physical Review B, 2011, 83, .	1.1	32
40	A neutron diffuse scattering study of PbZrO ₃ and Zr-rich PbZr _{1-x} Ti _x O ₃ . Journal of Applied Crystallography, 2015, 48, 1637-1644.	1.9	32
41	Decay kinetics of CsI: Tl luminescence excited in the A absorption band. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1993, 67, 627-649.	0.6	31
42	Simulation of domain patterns in BaTiO ₃ . Phase Transitions, 2006, 79, 467-483.	0.6	31
43	Ferroelectric nanodomains in epitaxial PbTiO ₃ films grown on SmScO ₃ and TbScO ₃ substrates. Journal of Applied Physics, 2013, 113, .	1.1	31
44	Far-infrared soft-mode behavior in PbSc _{1-x} Ta _x O ₃ thin films. Journal of Applied Physics, 2005, 98, 074103.	1.1	30
45	Lattice modes and the Jahn-Teller ferroelectric transition of GaV ₄ S ₈ . Physical Review B, 2016, 94, .	1.1	30
46	Lattice dynamics and dielectric spectroscopy of BZT and NBT lead-free perovskite relaxors – comparison with lead-based relaxors. Phase Transitions, 2015, 88, 320-332.	0.6	27
47	Energy Transfer Between A _T and A _X Minima in KBr: Tl, Quantitative Four-Level Model. Physica Status Solidi (B): Basic Research, 1993, 175, 523-540.	0.7	26
48	Dynamical properties of the normal phase of betaine calcium chloride dihydrate. I. Experimental results. Journal of Physics Condensed Matter, 1996, 8, 8207-8219.	0.7	26
49	Domain Wall Structure in Pb(Zn _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ -Mixed Crystals by Atomic Force Microscopy. Japanese Journal of Applied Physics, 2004, 43, 6812-6815.	0.8	26
50	Lattice dynamics of CaC ₆ by Raman spectroscopy. Physical Review B, 2007, 76, .	1.1	25
51	Dynamic Displacement Disorder of Cubic BaTiO ₃ . Physical Review Letters, 2018, 120, 167601.	2.9	25
52	Phase-field modelling of 180° Bloch walls in rhombohedral BaTiO ₃ . Phase Transitions, 2011, 84, 738-746.	0.6	24
53	Relaxor Ferroelectrics: Back to the Single-Soft-Mode Picture. Physical Review Letters, 2016, 117, 155501.	2.9	24
54	Crossover between a displacive and an order-disorder phase transition. Physical Review E, 2000, 61, 126-131.	0.8	23

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55	Lattice dynamics and the ferroelectric phase transition in Sn ₂ P ₂ S ₆ . Physical Review B, 2000, 61, 15051-15060.	1.1	23
56	Piezoelectric properties of twinned ferroelectric perovskites with head-to-head and tail-to-tail domain walls. Physical Review B, 2013, 88, .	1.1	22
57	Systematic study of terahertz response of SrTiO ₃ -based heterostructures: Influence of strain, temperature, and electric field. Physical Review B, 2014, 89, .	1.1	22
58	Lattice dynamics of cubic PbTiO ₃ by inelastic neutron scattering. Phase Transitions, 2006, 79, 351-359.	0.6	21
59	Magnetodielectric effect and phonon properties of compressively strained EuTiO ₃ thin films deposited on (001)(LaAlO ₃ /SrTiO ₃) heterostructure. Physical Review B, 2013, 87, 114108.	1.1	21
60	Raman and IR phonons in ferroelectric Sr _{0.35} Ba _{0.69} Nb ₂ O _{6.04} single crystals. Phase Transitions, 2013, 86, 217-229.	0.6	20
61	Emergence of central mode in the paraelectric phase of ferroelectric perovskites. MRS Communications, 2013, 3, 41-45.	0.8	20
62	Closed-circuit domain quadruplets in BaTiO ₃ nanorods embedded in a SrTiO ₃ film. Physical Review B, 2014, 89, .	1.1	20
63	Atomistic modeling of diffuse scattering in cubic PbZrO ₃ . Phase Transitions, 2015, 88, 273-282.	0.6	20
64	Infrared, terahertz, and microwave spectroscopy of the soft and central modes in		

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91	Vibrational properties of hexagonal LiBC: Infrared and Raman spectroscopy. Physical Review B, 2003, 68, .	1.1	13
92	Effective Infrared Response of Inhomogeneous Ferroelectrics. Ferroelectrics, 2006, 334, 199-209.	0.3	13
93	Soft-mode spectroscopy of epitaxial BaTiO_3 . Physical Review B, 2010, 82, .	1.1	13
94	Dynamics of Nanoscale Polarization Fluctuations in a Uniaxial Relaxor. Physical Review Letters, 2014, 113, 167601.	2.9	13
95	Macroscopic lamellar heterophase pattern in PbTiO_3 . Physical Review B, 2016, 93, .	1.1	13
96	Fast polarization mechanisms in the uniaxial tungsten-bronze relaxor strontium barium niobate SBN-81. Scientific Reports, 2017, 7, 18034.	1.6	13
97	Polarity of domain boundaries in nonpolar materials derived from order parameter and layer group symmetry. Physical Review B, 2019, 100, .	1.1	13
98	Ferroelectric domains in epitaxial PbTiO_3 films on LaAlO_3 substrate investigated by piezoresponse force microscopy and far-infrared reflectance. Journal of Applied Physics, 2011, 110, .	1.1	12
99	An x-ray scattering study of $\text{Sn}_2\text{P}_2\text{S}_6$: absence of incommensurate phase up to 1 GPa. Journal of Physics Condensed Matter, 2013, 25, 115901.	0.7	12
100	Structures of room-temperature and ferroelectric (35 K) phases of deuterated betaine calcium chloride dihydrate. Acta Crystallographica Section B: Structural Science, 1996, 52, 810-816.	1.8	11
101	Resonant soft mode in Rochelle salt by inelastic neutron scattering. Physical Review B, 2001, 63, .	1.1	11
102	Lattice dynamics of NaI studied by inelastic neutron scattering: Absence of thermally induced discrete breathers. Physical Review B, 2014, 89, .	1.1	11
103	Electron trapping by neutral pristine ferroelectric domain walls in BiFeO_3 . Physical Review B, 2018, 98, .	1.1	11
104	Skyrmions in ferroelectric materials. Solid State Physics, 2019, , 143-169.	1.3	11
105	Phason dispersion in the incommensurate phase of betaine calcium chloride dihydrate. Journal of Physics Condensed Matter, 1997, 9, 1461-1475.	0.7	10
106	Phenomenological Description of the Sevenfold Phase of Betaine Calcium Chloride Dihydrate. I. Coupling to the Electric Field. Journal of the Physical Society of Japan, 1999, 68, 126-133.	0.7	10
107	Independent anharmonic oscillator approximation in the theory of structural phase transitions in crystals. Physics of the Solid State, 2000, 42, 2288-2294.	0.2	10
108	Computer Simulations of Frequency-Dependent Dielectric Response of 90-Degree Domain Walls in Tetragonal Barium Titanate. Ferroelectrics, 2008, 373, 139-144.	0.3	10

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109	Lattice dynamics in $\text{Ba}_{0.7}\text{Sr}_{0.3}\text{TiO}_3$: study by THz and IR spectroscopy and <i>ab initio</i> simulations. <i>Phase Transitions</i> , 2010, 83, 955-965.	0.6	10
110	LiTaO_3 crystals with near-zero birefringence. <i>Journal of Applied Crystallography</i> , 2012, 45, 1030-1037.	1.9	10
111	Nanometer-range atomic order directly recovered from resonant diffuse scattering. <i>Physical Review B</i> , 2016, 93, .	1.1	10
112	Phonon dispersion in the low temperature ferroelectric phase of bccd. <i>Ferroelectrics</i> , 1996, 185, 221-224.	0.3	9
113	Soft mode in cubic PbTiO_3 by hyper-Raman scattering. <i>Physical Review B</i> , 2013, 87, .	1.1	9
114	High- and low-temperature phases in isostructural 4-chloro-3-nitroaniline and 4-iodo-3-nitroaniline. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 1153-1160.	0.2	9
115	X-ray diffuse scattering observations for $\text{Sr}_x\text{Ba}_{1-x}\text{Nb}_2\text{O}_6$ single crystals with $x=0.35$ and 0.81 . <i>Phase Transitions</i> , 2018, 91, 969-975.	0.6	9
116	Vector and bidirector representations of magnetic point groups. <i>Phase Transitions</i> , 2020, 93, 1-42.	0.6	9
117	Dynamical studies of fully deuterated BCCD. <i>Ferroelectrics</i> , 1994, 159, 97-102.	0.3	8
118	Dynamical properties of the Betaine Calcium Chloride Dihydrate, BCCD. <i>Ferroelectrics</i> , 1996, 183, 215-224.	0.3	8
119	Application of elastostatic Green function tensor technique to electrostriction in cubic, hexagonal and orthorhombic crystals. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 5755-5764.	0.7	8
120	Combined piezoresponse force microscopy and Raman scattering investigation of domain boundaries in BiFeO_3 ceramics. <i>Phase Transitions</i> , 2016, 89, 746-751.	0.6	8
121	Pseudophason gap in deuterated betaine calcium chloride dihydrate crystal. <i>Physical Review B</i> , 1997, 56, 13855-13860.	1.1	7
122	Rippled Commensurate Phases in DIFFOUR Model: Continuum Approximation. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 3488-3492.	0.7	7
123	A Discrete Model of the Transition between Phases with the Same Modulation Period. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 27-28.	0.7	7
124	Phason dispersion in deuterated thiourea by inelastic neutron scattering. <i>Physical Review B</i> , 2002, 66, .	1.1	7
125	Domain structure and Raman modes in PbTiO_3 . <i>Phase Transitions</i> , 2011, 84, 509-520.	0.6	7
126	Symmetry guide to chiroaxial transitions. <i>Phase Transitions</i> , 2018, 91, 953-958.	0.6	7

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127	Raman scattering yields cubic crystal grain orientation. Scientific Reports, 2019, 9, 9385.	1.6	7
128	Melting of Néel skyrmion lattice. Physical Review B, 2021, 103, .	1.1	7
129	Mobility of Phase Solitons in Polar Commensurate Phase. Journal of the Physical Society of Japan, 1998, 67, 2777-2779.	0.7	6
130	Raman Spectroscopy Study of $\text{Na}_{1/2}\text{Bi}_{1/2}\text{TiO}_3$ $\hat{=}$ BaTiO_3 Lead-Free Single Crystal Relaxor Piezoelectrics. Ferroelectrics, 2010, 404, 220-225.	0.3	6
131	Catching the intermediate phase in PZT 99/1 single crystals. Phase Transitions, 2014, 87, 1105-1113.	0.6	6
132	Electric-field influence on the neutron diffuse scattering near the ferroelectric transition of $\text{Sr}_{0.61}\text{Ba}_{0.39}\text{Nb}_2\text{O}_6$. Phase Transitions, 2016, 89, 808-815.	0.6	6
133	Incommensurate phases in systems with coupling between acoustic and optic modes. Ferroelectrics, 1994, 155, 257-262.	0.3	5
134	FERROELASTIC DOMAIN WALLS IN BARIUM TITANATE $\hat{=}$ "QUANTITATIVE PHENOMENOLOGICAL MODEL. Integrated Ferroelectrics, 2008, 101, 50-62.	0.3	5
135	Hyper-Raman scattering: New prospects for the description of the local structure of complex perovskites. Journal of Applied Physics, 2011, 109, .	1.1	5
136	Geometric resonances in far-infrared reflectance spectra of PbTiO_3 ceramics. Physical Review B, 2011, 84, .	1.1	5
137	Study of the Global Thermal Hysteresis in D-BCCD with Elastic Neutron Scattering. Journal De Physique, I, 1996, 6, 231-236.	1.2	5
138	On the T_s -Anomaly in Betaine Calcium Chloride Dihydrate. Journal of the Physical Society of Japan, 1998, 67, 495-498.	0.7	5
139	Potential Barriers between Two Commensurate Phases with the Quadruple Lattice Periods. Journal of the Physical Society of Japan, 1998, 67, 2327-2329.	0.7	4
140	Inelastic neutron scattering study of lead-free relaxor ferroelectric $(\text{Na}_{0.5}\text{Bi}_{0.5})_{0.96}\text{Ba}_{0.04}\text{TiO}_3$ single crystal. Phase Transitions, 2011, 84, 829-836.	0.6	4
141	Phonon frequencies of tetragonally strained PbTiO_3 from first principles. Phase Transitions, 2013, 86, 200-205.	0.6	4
142	Pinning of a ferroelectric Bloch wall at a paraelectric layer. Beilstein Journal of Nanotechnology, 2018, 9, 2356-2360.	1.5	4
143	Microstructure and micromechanical properties of GaV4S8 ceramics prepared by single-step solid state synthesis. Ceramics International, 2020, 46, 7045-7049.	2.3	4
144	Polarization in pseudocubic epitaxial relaxed PMN-PT thin films. Applied Physics Letters, 2022, 120, 042901.	1.5	4

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145	Elastic neutron scattering study of d-bccd under a 5kv/cm electric field. <i>Ferroelectrics</i> , 1996, 185, 213-216.	0.3	3
146	The role of nearest neighbour anharmonic couplings in the phase diagram of betaine calcium chloride dihydrate (BCCD). <i>Journal of Physics Condensed Matter</i> , 1999, 11, 5497-5504.	0.7	3
147	Influence of poling on far-infrared response of lead zirconate titanate ceramics. <i>Journal of Applied Physics</i> , 2009, 106, 074104.	1.1	3
148	Terahertz and far-infrared response of Ba _x Sr _{1-x} TiO ₃ films. <i>Phase Transitions</i> , 2010, 83, 966-973.	0.6	3
149	Anisotropic dielectric response of lead zirconate crystals in the terahertz and infrared range at low temperature. <i>Phase Transitions</i> , 2014, 87, 1129-1137.	0.6	3
150	On the possible internal structure of the ferroelectric Ising lines in BaTiO ₃ . <i>Phase Transitions</i> , 2017, 90, 11-16.	0.6	3
151	Soft mode driven local ferroelectric transition in lead-based relaxors. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	3
152	Microwave Relaxation in the Vicinity of the Main Polar Commensurate Phases of Betaine Calcium Chloride Dihydrate. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 413-415.	0.7	3
153	Nanoscale Conductive Sheets in Ferroelectric BaTiO ₃ : Large Hall Electron Mobilities at Head-to-Head Domain Walls. <i>ACS Applied Nano Materials</i> , 0, , .	2.4	3
154	Directional Dispersion of Polar Optical Phonon Frequencies in Low-Symmetry Crystals: Raman Studies on Sn ₂ P ₂ S ₆ . <i>Ferroelectrics</i> , 2002, 267, 237-243.	0.3	2
155	Kinetics of the field induced commensurate to ferro-electric phase transition in thiourea. <i>Journal Physics D: Applied Physics</i> , 2003, 36, A172-A176.	1.3	2
156	Amplitudon Mode in Deuterated Thiourea by Raman Scattering. <i>Ferroelectrics</i> , 2004, 302, 155-157.	0.3	2
157	A possible scenario for two soft branches in PMN. <i>Phase Transitions</i> , 2011, 84, 784-788.	0.6	2
158	Lattice modes in paraelectric La _{1/2} Na _{1/2} TiO ₃ by infrared and Raman spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 085901.	0.7	2
159	Guest editors' note. <i>Phase Transitions</i> , 2013, 86, 1-1.	0.6	2
160	Polarized Raman scattering study of PSN single crystals and epitaxial thin films. <i>Journal of Advanced Dielectrics</i> , 2015, 05, 1550013.	1.5	2
161	Dielectric properties of stratified polydomain BiFeO ₃ . <i>Phase Transitions</i> , 2016, 89, 740-745.	0.6	2
162	Electric-field-induced tetragonal phase in [Pb(Mg _{1/3} Nb _{2/3})O ₃] _{0.68} [PbTiO ₃] _{0.32} by Raman scattering. <i>Phase Transitions</i> , 2016, 89, 816-822.	0.6	2

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163	Ferroelectric Domain Walls and their Intersections in Phase-Field Simulations. Springer Series in Materials Science, 2016, , 161-180.	0.4	2
164	Formation of an Amorphous Domain Pattern in Type-II Incommensurate Ferroelectrics. Journal of the Physical Society of Japan, 1998, 67, 3999-4001.	0.7	2
165	A Note on the Steps in Thermal Dilatation of Betaine Calcium Chloride Dihydrate. Journal of the Physical Society of Japan, 1998, 67, 912-915.	0.7	2
166	Doubling up piezoelectric performance. Science, 2019, 364, 228-229.	6.0	2
167	Polarization reversal and domain wall mobility in polar commensurate phases. Ferroelectrics, 1998, 219, 251-258.	0.3	1
168	Reply to Comment by Neubert and Pleimling. Journal of the Physical Society of Japan, 1998, 67, 3326-3326.	0.7	1
169	Wanted: Amplitudon mode in raman spectra of BCCD. Ferroelectrics, 2000, 240, 1383-1390.	0.3	1
170	Search for Light-Induced Intrinsic Localized Modes: Negative Result. Ferroelectrics, 2012, 440, 42-46.	0.3	1
171	Peculiar domain states of cylindrical BaTiO ₃ nanorods embedded in SrTiO ₃ matrix. Phase Transitions, 2014, 87, 922-928.	0.6	1
172	Phase competition and effect of chemical ordering in ferroelectric relaxor PbSc _{0.5} Nb _{0.5} O ₃ from first principles. Phase Transitions, 2016, 89, 777-784.	0.6	1
173	Theoretical modelling of infrared spectra of the twinned lead zirconate. Phase Transitions, 2017, 90, 17-23.	0.6	1
174	Far-infrared reflectivity spectra of nanotwinned GaV ₄ Se ₈ . Phase Transitions, 2018, 91, 942-952.	0.6	1
175	Extrinsic permittivity in domain engineered rhombohedral BaTiO ₃ monocrystal. Journal of Applied Physics, 2018, 124, 024101.	1.1	1
176	Fundamental Properties of Ferroelectric Domain Walls from Ginzburgâ€“Landau Models. , 2020, , 76-108.		1
177	DC Field Dependence of the Dielectric Dispersion in the 2/7 Phase of Betaine Calcium Chloride Dihydrate. Journal of the Physical Society of Japan, 2000, 69, 945-947.	0.7	1
178	Phonon symmetry selection rules for coherent inelastic neutron scattering: application to BCCD. Physica B: Condensed Matter, 2000, 276-278, 305-307.	1.3	0
179	Lattice dynamics of BCCD. Ferroelectrics, 2000, 236, 145-155.	0.3	0
180	Hybridization of low frequency phonon branches and incommensurate instability in Sn ₂ P ₂ Se ₆ . Ferroelectrics, 2001, 250, 123-126.	0.3	0

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181	Semiadiabatic High-Field Polarization Response in Ferroelectrics I: Hysteresis and Nonlinear Susceptibility. <i>Ferroelectrics</i> , 2004, 301, 79-84.	0.3	0
182	Deuteron NMR and soliton density in incommensurate thiourea. <i>Physical Review B</i> , 2006, 73, .	1.1	0
183	Infrared Spectroscopy of Nanoscopic Epitaxial BaTiO ₃ /SrTiO ₃ Superlattices. <i>Integrated Ferroelectrics</i> , 2012, 134, 146-148.	0.3	0
184	Guest editors'™ preface. <i>Phase Transitions</i> , 2013, 86, 111-112.	0.6	0
185	Guest editors' note. <i>Phase Transitions</i> , 2014, 87, 907-908.	0.6	0
186	Raman study of 0.62Pb(Fe _{1/2} Nb _{1/2})O ₃ –0.38PbTiO ₃ single crystal. <i>Phase Transitions</i> , 2014, 87, 1080-1085.	0.6	0
187	Influence of epitaxial strain on multiple-mode compounds: The case of SrBi ₂ Nb ₂ O ₉ . <i>Physical Review B</i> , 2017, 96, .	1.1	0
188	Tribute to Dr. Jan Petzelt. <i>Ferroelectrics</i> , 2018, 532, 1-2.	0.3	0
189	Structure of the high-temperature phase of caesium nitrate – the importance of high-resolution data. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2022, 78, 140-152.	0.5	0
190	Real and imaginary permittivity measured by thermal noise dielectric spectroscopy. <i>Journal of Applied Physics</i> , 2022, 131, 214101.	1.1	0