

Jiri Hlinka

List of Publications by Year in descending order

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190
papers

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times ranked

3566
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of Relaxor Behavior in Barium-Titanate-Based Lead-Free Perovskites. <i>Advanced Electronic Materials</i> , 2022, 8, .	2.6	16
2	Electrostatically Driven Polarization Flop and Strain-Induced Curvature in Free-Standing Ferroelectric Superlattices. <i>Advanced Materials</i> , 2022, 34, e2106826.	11.1	18
3	Polarization in pseudocubic epitaxial relaxed PMN-PT thin films. <i>Applied Physics Letters</i> , 2022, 120, 042901.	1.5	4
4	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
5	Real and imaginary permittivity measured by thermal noise dielectric spectroscopy. <i>Journal of Applied Physics</i> , 2022, 131, 214101.	1.1	0
6	Metal-ferroelectric supercrystals with periodically curved metallic layers. <i>Nature Materials</i> , 2021, 20, 495-502.	13.3	39
7	Subterahertz collective dynamics of polar vortices. <i>Nature</i> , 2021, 592, 376-380.	13.7	66
8	Melting of Néel skyrmion lattice. <i>Physical Review B</i> , 2021, 103, .	1.1	7
9	Microstructure and micromechanical properties of GaV4S8 ceramics prepared by single-step solid state synthesis. <i>Ceramics International</i> , 2020, 46, 7045-7049.	2.3	4
10	Vector and bidirector representations of magnetic point groups. <i>Phase Transitions</i> , 2020, 93, 1-42.	0.6	9
11	Vector, bidirector, and Bloch skyrmion phases induced by structural crystallographic symmetry breaking. <i>Physical Review B</i> , 2020, 102, .	1.1	15
12	Domain-wall engineering and topological defects in ferroelectric and ferroelastic materials. <i>Nature Reviews Physics</i> , 2020, 2, 634-648.	11.9	154
13	Raman spectra of fine-grained materials from first principles. <i>Npj Computational Materials</i> , 2020, 6, .	3.5	16
14	Temperature-independent giant dielectric response in transitional BaTiO3 thin films. <i>Applied Physics Reviews</i> , 2020, 7, 011402.	5.5	35
15	Fundamental Properties of Ferroelectric Domain Walls from Ginzburg-Landau Models. , 2020, , 76-108.		1
16	Raman scattering yields cubic crystal grain orientation. <i>Scientific Reports</i> , 2019, 9, 9385.	1.6	7
17	Skyrmions in ferroelectric materials. <i>Solid State Physics</i> , 2019, , 143-169.	1.3	11
18	Soft mode driven local ferroelectric transition in lead-based relaxors. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	3

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19	Local structure of relaxor ferroelectric $x\text{Sr}_6\text{O}$ from a pair distribution function analysis. <i>Physical Review B</i> , 2019, 99, .	1.1	16
20	Polarity of domain boundaries in nonpolar materials derived from order parameter and layer group symmetry. <i>Physical Review B</i> , 2019, 100, .	1.1	13
21	Doubling up piezoelectric performance. <i>Science</i> , 2019, 364, 228-229.	6.0	2
22	Dynamic Displacement Disorder of Cubic BaTiO_3 . <i>Physical Review Letters</i> , 2018, 120, 167601.	2.9	25
23	Tribute to Dr. Jan Petzelt. <i>Ferroelectrics</i> , 2018, 532, 1-2.	0.3	0
24	Electron trapping by neutral pristine ferroelectric domain walls in BiFeO_3 . <i>Physical Review B</i> , 2018, 98, .	1.1	11
25	Architecture of nanoscale ferroelectric domains in GaMo_4S_8 . <i>Journal of Physics Condensed Matter</i> , 2018, 30, 445402.	0.7	17
26	Pinning of a ferroelectric Bloch wall at a paraelectric layer. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2356-2360.	1.5	4
27	Far-infrared reflectivity spectra of nanotwinned GaV_4Se_8 . <i>Phase Transitions</i> , 2018, 91, 942-952.	0.6	1
28	Symmetry guide to chiroaxial transitions. <i>Phase Transitions</i> , 2018, 91, 953-958.	0.6	7
29	Extrinsic permittivity in domain engineered rhombohedral BaTiO_3 monocrystal. <i>Journal of Applied Physics</i> , 2018, 124, 024101.	1.1	1
30	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
31	Terahertz-Range Polar Modes in Domain-Engineered BiFeO_3 . Infrared, terahertz, and microwave spectroscopy of the soft and central modes in BiFeO_3 . <i>Physical Review Letters</i> , 2017, 119, 057604.	2.9	15
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37	Fast polarization mechanisms in the uniaxial tungsten-bronze relaxor strontium barium niobate SBN-81. Scientific Reports, 2017, 7, 18034.	1.6	13
38	Dielectric properties of stratified polydomain BiFeO ₃ . Phase Transitions, 2016, 89, 740-745.	0.6	2
39	Relaxor Ferroelectrics: Back to the Single-Soft-Mode Picture. Physical Review Letters, 2016, 117, 155501.	2.9	24
40	Lattice modes and the Jahn-Teller ferroelectric transition of GaV_4S_8 . Physical Review B, 2016, 94, .	1.1	30
41	Phase competition and effect of chemical ordering in ferroelectric relaxor $\text{PbSc}_{0.5}\text{Nb}_{0.5}\text{O}_3$ from first principles. Phase Transitions, 2016, 89, 777-784.	0.6	1
42	Macroscopic lamellar heterophase pattern in $\text{Pb}(\text{Tj})\text{O}_3$. Physical Review B, 2016, 93, .	1.1	13
43	Symmetry Guide to Ferroaxial Transitions. Physical Review Letters, 2016, 116, 177602.	2.9	67
44	Electric-field-induced tetragonal phase in $[\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3]_{0.68}[\text{PbTiO}_3]_{0.32}$ by Raman scattering. Phase Transitions, 2016, 89, 816-822.	0.6	2
45	Combined piezoresponse force microscopy and Raman scattering investigation of domain boundaries in BiFeO ₃ ceramics. Phase Transitions, 2016, 89, 746-751.	0.6	8
46	Subterahertz dielectric relaxation in lead-free Ba(Zr,Ti)O ₃ relaxor ferroelectrics. Nature Communications, 2016, 7, 11014.	5.8	54
47	Electric-field influence on the neutron diffuse scattering near the ferroelectric transition of Sr _{0.61} Ba _{0.39} Nb ₂ O ₆ . Phase Transitions, 2016, 89, 808-815.	0.6	6
48	Nanometer-range atomic order directly recovered from resonant diffuse scattering. Physical Review B, 2016, 93, .	1.1	10
49	Ferroelectric Domain Walls and their Intersections in Phase-Field Simulations. Springer Series in Materials Science, 2016, , 161-180.	0.4	2
50	Ising lines: Natural topological defects within ferroelectric Bloch walls. Physical Review B, 2015, 92, .	1.1	19
51	Polarized Raman scattering study of PSN single crystals and epitaxial thin films. Journal of Advanced Dielectrics, 2015, 05, 1550013.	1.5	2
52	A neutron diffuse scattering study of PbZr_3 and Zr-rich $\text{PbZr}_x\text{Ti}_{3-x}\text{O}_3$. Journal of Applied Crystallography, 2015, 48, 1637-1644.	1.9	32
53	Study of Raman-active phonons in $\text{Pb}(\text{Ti})\text{O}_3$. Physical Review B, 2016, 93, .	1.1	72
54	Atomistic modeling of diffuse scattering in cubic PbZr_3 . Phase Transitions, 2015, 88, 273-282.	0.6	20

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55	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
56	Broadband Dielectric Spectroscopy of Ba(Zr,Ti)O ₃ : Dynamics of Relaxors and Diffuse Ferroelectrics. Ferroelectrics, 2014, 469, 14-25.	0.3	33
57	Guest editors' note. Phase Transitions, 2014, 87, 907-908.	0.6	0
58	Anisotropic dielectric response of lead zirconate crystals in the terahertz and infrared range at low temperature. Phase Transitions, 2014, 87, 1129-1137.	0.6	3
59	Lattice dynamics of NaI studied by inelastic neutron scattering: Absence of thermally induced discrete breathers. Physical Review B, 2014, 89, .	1.1	11
60	Dynamics of Nanoscale Polarization Fluctuations in a Uniaxial Relaxor. Physical Review Letters, 2014, 113, 167601.	2.9	13
61	Catching the intermediate phase in PZT 99/1 single crystals. Phase Transitions, 2014, 87, 1105-1113.	0.6	6
62	Peculiar domain states of cylindrical BaTiO ₃ nanorods embedded in SrTiO ₃ matrix. Phase Transitions, 2014, 87, 922-928.	0.6	1
63	High- and low-temperature phases in isostructural 4-chloro-3-nitroaniline and 4-iodo-3-nitroaniline. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 1153-1160.	0.2	9
64	Piezoelectric properties of tetragonal single-domain Mn-doped NBT-6%BT single crystals. Applied Physics A: Materials Science and Processing, 2014, 116, 225-228.	1.1	18
65	Multiple Soft-Mode Vibrations of Lead Zirconate. Physical Review Letters, 2014, 112, 197601.	2.9	110
66	Closed-circuit domain quadruplets in BaTiO ₃ nanorods embedded in a SrTiO ₃ film. Physical Review B, 2014, 89, .	1.1	20
67	Fano resonance and dipolar relaxation in lead-free relaxors. Nature Communications, 2014, 5, 5100.	5.8	57
68	Raman study of 0.62Pb(Fe _{1/2} Nb _{1/2})O ₃ –0.38PbTiO ₃ single crystal. Phase Transitions, 2014, 87, 1080-1085.	0.6	0
69	Eight Types of Symmetrically Distinct Vectorlike Physical Quantities. Physical Review Letters, 2014, 113, 165502.	2.9	43
70	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
71	Piezoelectric properties of twinned ferroelectric perovskites with head-to-head and tail-to-tail domain walls. Physical Review B, 2013, 88, .	1.1	22
72	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

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73	Divergence of dielectric permittivity near phase transition within ferroelectric domain boundaries. Phase Transitions, 2013, 86, 103-108.	0.6	14
74	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
75	The temperature dependence of the phononic band gap of NaI. Journal of Physics Condensed Matter, 2013, 25, 055403.	0.7	14
76	Soft mode in cubic PbTiO_3 by hyper-Raman scattering. Physical Review B, 2013, 87, .	1.1	9
77	Phonon frequencies of tetragonally strained PbTiO_3 from first principles. Phase Transitions, 2013, 86, 200-205.	0.6	4
78	Lattice modes in paraelectric $\text{La}_{1/2}\text{Na}_{1/2}\text{TiO}_3$ by infrared and Raman spectroscopy. Journal of Physics Condensed Matter, 2013, 25, 085901.	0.7	2
79	Emergence of central mode in the paraelectric phase of ferroelectric perovskites. MRS Communications, 2013, 3, 41-45.	0.8	20
80	Guest editors' note. Phase Transitions, 2013, 86, 1-1.	0.6	2
81	Ferroelectric nanodomains in epitaxial PbTiO_3 films grown on SmScO_3 and TbScO_3 substrates. Journal of Applied Physics, 2013, 113, .	1.1	31
82	Guest editors' preface. Phase Transitions, 2013, 86, 111-112.	0.6	0
83	Infrared Spectroscopy of Nanoscopic Epitaxial $\text{BaTiO}_3/\text{SrTiO}_3$ Superlattices. Integrated Ferroelectrics, 2012, 134, 146-148.	0.3	0
84	Resolved E-symmetry zone-centre phonons in LiTaO_3 and LiNbO_3 . Journal of Applied Physics, 2012, 111, .	1.1	76
85	DO WE NEED THE ETHER OF POLAR NANOREGIONS?. Journal of Advanced Dielectrics, 2012, 02, 1241006.	1.5	81
86	Search for Light-Induced Intrinsic Localized Modes: Negative Result. Ferroelectrics, 2012, 440, 42-46.	0.3	1
87	Magnetodielectric effect and phonon properties of compressively strained EuTiO_3 thin films deposited on (001)(LaAlO_3) _{Tj} . ETQq1 1 0.784314 rgBT /Overl	1.1	21
88	Neutron scattering study of ferroelectric $\text{Sn}_2\text{P}_2\text{S}_6$.	1.1	14
89	Vibrational spectra of guanylurea(1+) hydrogen phosphite – Novel remarkable material for nonlinear optics. Vibrational Spectroscopy, 2012, 63, 485-491.	1.2	15
90	Anisotropic elasticity of DyScO_3 substrates. Journal of Physics Condensed Matter, 2012, 24, 385404.	0.7	16

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91	Bloch-type domain walls in rhombohedral BaTiO ₃ . Physical Review B, 2012, 86, .	1.1	53
92	Stress-induced phase transition in ferroelectric domain walls of BaTiO ₃ . Journal of Physics Condensed Matter, 2012, 24, 212201.	0.7	55
93	LiTaO ₃ crystals with near-zero birefringence. Journal of Applied Crystallography, 2012, 45, 1030-1037.	1.9	10
94	Structural Heterogeneity and Diffuse Scattering in Morphotropic Lead Zirconate-Titanate Single Crystals. Physical Review Letters, 2012, 109, 097603.	2.9	43
95	Broadband dielectric response of Ba(Zr,Ti)O ₃ ceramics: From incipient via relaxor and diffuse up to Polar regions and diffuse scattering in the Relaxor ferroelectric PbMg _{1-x} Nb _x O ₃ . Physical Review B, 2012, 85, .	1.1	66
96	Hyper-Raman scattering: New prospects for the description of the local structure of complex perovskites. Journal of Applied Physics, 2011, 109, .	1.1	67
97	Hyper-Raman scattering: New prospects for the description of the local structure of complex perovskites. Journal of Applied Physics, 2011, 109, .	1.1	5
98	A possible scenario for two soft branches in PMN. Phase Transitions, 2011, 84, 784-788.	0.6	2
99	Inelastic neutron scattering study of lead-free relaxor ferroelectric (Na _{0.5} Bi _{0.5}) _{0.96} Ba _{0.04} TiO ₃ single crystal. Phase Transitions, 2011, 84, 829-836.	0.6	4
100	Geometric resonances in far-infrared reflectance spectra of PbTiO ₃ ceramics. Physical Review B, 2011, 84, .	1.1	5
101	Domain structure and Raman modes in PbTiO ₃ . Phase Transitions, 2011, 84, 509-520.	0.6	7
102	Dynamical coupling in Pb(Zr,Ti)O ₃ solid solutions from first principles. Physical Review B, 2011, 83, .	1.1	18
103	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
104	Angular dispersion of oblique phonon modes in BiFeO ₃ micro-Raman scattering. Physical Review B, 2011, 83, .	1.1	123
105	Phase field modelling of 180° Bloch walls in rhombohedral BaTiO ₃ . Phase Transitions, 2011, 84, 738-746.	0.6	24
106	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
107	Soft Mode Doublet in PbMg _{1-x} Nb _x O ₃ Relaxor Investigated with Hyper-Raman Scattering. Physical Review Letters, 2010, 105, 017601.	2.9	52
108	Raman Spectroscopy Study of Na _{1/2} Bi _{1/2} TiO ₃ BaTiO ₃ Lead-Free Single Crystal Relaxor Piezoelectrics. Ferroelectrics, 2010, 404, 220-225.	0.3	6

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109	Domain walls of ferroelectric $BaTiO_3$ within the Ginzburg-Landau-Devonshire phenomenological model. Physical Review B, 2010, 81, .		
110	Terahertz and far-infrared response of $BaTiO_3$ films. Phase Transitions, 2010, 83, 966-973.	0.6	3
111	Soft-mode spectroscopy of epitaxial $BaTiO_3$. Physical Review B, 2010, 82, .		
112	Dielectric, magnetic, and lattice dynamics properties of Y-type hexaferrite $Ba_{0.5}Sr_{1.5}Zn_2Fe_{12}O_{22}$: Comparison of ceramics and single crystals. Journal of Applied Physics, 2010, 107, .	1.1	35
113	Lattice dynamics in $Ba_{0.7}Sr_{0.3}TiO_3$: study by THz and IR spectroscopy and <i>ab initio</i> simulations. Phase Transitions, 2010, 83, 955-965.	0.6	10
114	Temperature and electric field tuning of the ferroelectric soft mode in a strained $SrTiO_3$. Physical Review B, 2009, 80, .	1.1	48
115	Influence of poling on far-infrared response of lead zirconate titanate ceramics. Journal of Applied Physics, 2009, 106, 074104.	1.1	3
116	Polar phonon mixing in magnetoelectric $EuTiO_3$. European Physical Journal B, 2009, 71, 429-433.	0.6	68
117	The piezoelectric response of nanotwinned $BaTiO_3$. Nanotechnology, 2009, 20, 105709.	1.3	80
118	Broad-band dielectric spectroscopy and ferroelectric soft-mode response in the $Ba_{0.6}Sr_{0.4}TiO_3$ solid solution. Journal of Physics Condensed Matter, 2009, 21, 474215.	0.7	37
119	Resonance scattering study of the silent $PbMg_{1/2}Fe_{1/2}TiO_3$ in $BaTiO_3$. Physical Review Letters, 2008, 101, 167402.	1.1	14
120	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
121	Terahertz dielectric response of cubic $BaTiO_3$. Physical Review B, 2008, 77, .	1.1	125
122	FERROELASTIC DOMAIN WALLS IN BARIUM TITANATE—QUANTITATIVE PHENOMENOLOGICAL MODEL. Integrated Ferroelectrics, 2008, 101, 50-62.	0.3	5
123	Soft mode dispersion and "waterfall" phenomenon in relaxors revisited. Phase Transitions, 2008, 81, 491-508.	0.6	15
124	Domain Walls of $BaTiO_3$ and $PbTiO_3$ Within Ginzburg-Landau-Devonshire Model. Ferroelectrics, 2008, 375, 132-137.	0.3	18
125	Computer Simulations of Frequency-Dependent Dielectric Response of 90-Degree Domain Walls in Tetragonal Barium Titanate. Ferroelectrics, 2008, 373, 139-144.	0.3	10
126	Mobility of Ferroelastic Domain Walls in Barium Titanate. Ferroelectrics, 2007, 349, 49-54.	0.3	41

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127	Lattice dynamics of CaC6 by Raman spectroscopy. Physical Review B, 2007, 76, .	1.1	25
128	Polar modes in relaxor PbMg _{1-x} Nb _{2-x} O ₃ by hyper-Raman scattering. Physical Review B, 2007, 75, .	1.1	19
129	Effective Infrared Response of Inhomogeneous Ferroelectrics. Ferroelectrics, 2006, 334, 199-209.	0.3	13
130	Simulation of domain patterns in BaTiO ₃ . Phase Transitions, 2006, 79, 467-483.	0.6	31
131	Infrared dielectric response of relaxor ferroelectrics. Phase Transitions, 2006, 79, 41-78.	0.6	171
132	Phenomenological model of a 90° domain wall in BaTiO ₃ -type ferroelectrics. Physical Review B, 2006, 74, .	1.1	283
133	Lattice dynamics of ferroelectric PbTiO ₃ by inelastic neutron scattering. Physical Review B, 2006, 73, .	1.1	19
134	Deuteron NMR and soliton density in incommensurate thiourea. Physical Review B, 2006, 73, .	1.1	0
135	Lattice dynamics of cubic PbTiO ₃ by inelastic neutron scattering. Phase Transitions, 2006, 79, 351-359.	0.6	21
136	Anisotropic Dielectric Function in Polar Nanoregions of Relaxor Ferroelectrics. Physical Review Letters, 2006, 96, 027601.	2.9	56
137	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
138	Two-length-scale behavior near the ferroelectric phase transition of Sn ₂ P ₂ S ₆ . Physical Review B, 2005, 71, .	1.1	15
139	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
140	Amplitudon Mode in Deuterated Thiourea by Raman Scattering. Ferroelectrics, 2004, 302, 155-157.	0.3	2
141	Semiadiabatic High-Field Polarization Response in Ferroelectrics I: Hysteresis and Nonlinear Susceptibility. Ferroelectrics, 2004, 301, 79-84.	0.3	0
142	Diffuse scattering in Pb(Zn _{1/3} Nb _{2/3})O ₃ with 8 Å PbTiO ₃ by quasi-elastic neutron scattering. Journal of Physics Condensed Matter, 2003, 15, 4249-4257.	0.7	37
143	Origin of the "Waterfall" Effect in Phonon Dispersion of Relaxor Perovskites. Physical Review Letters, 2003, 91, 107602.	2.9	90
144	Vibrational properties of hexagonal LiBC: Infrared and Raman spectroscopy. Physical Review B, 2003, 68, .	1.1	13

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145	Polarized Raman spectroscopy of LiBC: Possible evidence for lower crystal symmetry. Physical Review B, 2003, 67, .	1.1	14
146	Kinetics of the field induced commensurate to ferro-electric phase transition in thiourea. Journal Physics D: Applied Physics, 2003, 36, A172-A176.	1.3	2
147	Application of elastostatic Green function tensor technique to electrostriction in cubic, hexagonal and orthorhombic crystals. Journal of Physics Condensed Matter, 2003, 15, 5755-5764.	0.7	8
148	Phason dispersion in deuterated thiourea by inelastic neutron scattering. Physical Review B, 2002, 66, .	1.1	7
149	Directional Dispersion of Polar Optical Phonon Frequencies in Low-Symmetry Crystals: Raman Studies on Sn ₂ P ₂ S ₆ . Ferroelectrics, 2002, 267, 237-243.	0.3	2
150	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
151	Hybridization of low frequency phonon branches and incommensurate instability in Sn ₂ P ₂ Se ₆ . Ferroelectrics, 2001, 250, 123-126.	0.3	0
152	Phonons in MgB ₂ by polarized Raman scattering on single crystals. Physical Review B, 2001, 64, .	1.1	72
153	Resonant soft mode in Rochelle salt by inelastic neutron scattering. Physical Review B, 2001, 63, .	1.1	11
154	Phonon symmetry selection rules for coherent inelastic neutron scattering: application to BCCD. Physica B: Condensed Matter, 2000, 276-278, 305-307.	1.3	0
155	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
156	Crossover between a displacive and an order-disorder phase transition. Physical Review E, 2000, 61, 126-131.	0.8	23
157	Lattice dynamics and the ferroelectric phase transition in Sn ₂ P ₂ S ₆ . Physical Review B, 2000, 61, 15051-15060.	1.1	23
158	Wanted: Amplitudon mode in raman spectra of BCCD. Ferroelectrics, 2000, 240, 1383-1390.	0.3	1
159	Lattice dynamics of BCCD. Ferroelectrics, 2000, 236, 145-155.	0.3	0
160	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
161	The role of nearest neighbour anharmonic couplings in the phase diagram of betaine calcium chloride dihydrate (BCCD). Journal of Physics Condensed Matter, 1999, 11, 5497-5504.	0.7	3
162	Order-disorder versus soft mode behaviour of the ferroelectric phase transition in. Journal of Physics Condensed Matter, 1999, 11, 3209-3216.	0.7	16

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163	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
164	Polarization reversal and domain wall mobility in polar commensurate phases. Ferroelectrics, 1998, 219, 251-258.	0.3	1
165	Phonon Symmetry Selection Rules for Inelastic Neutron Scattering. Physical Review Letters, 1998, 81, 2462-2465.	2.9	32
166	Rippled Commensurate Phases in DIFFOUR Model: Continuum Approximation. Journal of the Physical Society of Japan, 1998, 67, 3488-3492.	0.7	7
167	Reply to Comment by Neubert and Pleimling. Journal of the Physical Society of Japan, 1998, 67, 3326-3326.	0.7	1
168	Mobility of Phase Solitons in Polar Commensurate Phase. Journal of the Physical Society of Japan, 1998, 67, 2777-2779.	0.7	6
169	A Discrete Model of the Transition between Phases with the Same Modulation Period. Journal of the Physical Society of Japan, 1998, 67, 27-28.	0.7	7
170	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
171	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
172	Microwave Relaxation in the Vicinity of the Main Polar Commensurate Phases of Betaine Calcium Chloride Dihydrate. Journal of the Physical Society of Japan, 1998, 67, 413-415.	0.7	3
173	On the Ts-Anomaly in Betaine Calcium Chloride Dihydrate. Journal of the Physical Society of Japan, 1998, 67, 495-498.	0.7	5
174	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
175	Phason dispersion in the incommensurate phase of betaine calcium chloride dihydrate. Journal of Physics Condensed Matter, 1997, 9, 1461-1475.	0.7	10
176	Pseudophason gap in deuterated betaine calcium chloride dihydrate crystal. Physical Review B, 1997, 56, 13855-13860.	1.1	7
177	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
178	Dynamical properties of the Betaine Calcium Chloride Dihydrate, BCCD. Ferroelectrics, 1996, 183, 215-224.	0.3	8
179	Elastic neutron scattering study of d-bccd under a 5kv/cm electric field. Ferroelectrics, 1996, 185, 213-216.	0.3	3
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