

Lars O L Björjesson

List of Publications by Year in descending order

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250
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9,804
citations

38742

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92
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252
docs citations

252
times ranked

8429
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of oxygen vacancies on the vibrational motions of hydride ions in the oxyhydride of barium titanate. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6360-6371.	10.3	9
2	Phonon spectra of pure and acceptor doped BaZrO ₃ investigated with visible and UV Raman spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 405403.	1.8	6
3	Local Coordination of Protons in In- and Sc-Doped BaZrO ₃ . <i>Journal of Physical Chemistry C</i> , 2019, 123, 26065-26072.	3.1	10
4	Local structure and vibrational dynamics in indium-doped barium zirconate. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7360-7372.	10.3	24
5	Structure and Conductivity of Epitaxial Thin Films of In-Doped BaZrO ₃ -Based Proton Conductors. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28415-28422.	3.1	10
6	Structure and dehydration mechanism of the proton conducting oxide Ba ₂ In ₂ O ₅ (H ₂ O) _x . <i>Journal of Materials Chemistry A</i> , 2016, 4, 1224-1232.	10.3	24
7	High Pressure Crystal and Magnetic Phase Transitions in Multiferroic Bi _{0.9} La _{0.1} FeO ₃ . <i>Chemistry of Materials</i> , 2014, 26, 1180-1186.	6.7	19
8	Short-range structure of the brownmillerite-type oxide Ba ₂ In ₂ O ₅ and its hydrated proton-conducting form BaInO ₃ H. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16915-16924.	10.3	37
9	Femtosecond optical reflectivity measurements of lattice-mediated spin repulsions in photoexcited LaCoO ₃ thin films. <i>Physical Review B</i> , 2014, 89, .	3.2	6
10	Structural and magnetic properties of isovalently substituted multiferroic BiFeO ₃ : Insights from Raman spectroscopy. <i>Physical Review B</i> , 2012, 86, .	3.2	175
11	A statistical model of hydrogen bond networks in liquid alcohols. <i>Journal of Chemical Physics</i> , 2012, 136, 094514.	3.0	49
12	Conformational evolution of TFSI ⁻ in protic and aprotic ionic liquids. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 522-528.	2.5	119
13	Two-component heat diffusion observed in LaMnO ₃ . <i>Physical Review B</i> , 2010, 81, .	3.2	18
14	Using Neutron Spin Echo To Investigate Proton Dynamics in Proton-Conducting Perovskites. <i>Chemistry of Materials</i> , 2010, 22, 740-742.	6.7	43
15	Effects of hydrogen bonding on supercooled liquid dynamics and the implications for supercooled water. <i>Physical Review B</i> , 2009, 79, .	3.2	17
16	Two-magnon Raman scattering from the Cu ₃ . <i>Physical Review B</i> , 2009, 79, .		

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19	Phase Behavior and Ionic Conductivity in Lithium Bis(trifluoromethanesulfonyl)imide-Doped Ionic Liquids of the Pyrrolidinium Cation and Bis(trifluoromethanesulfonyl)imide Anion. Journal of Physical Chemistry B, 2009, 113, 11247-11251.	2.6	107
20	Anharmonic softening of Raman active phonons in iron-pnictides: Estimating the Fe isotope effect due to anharmonic expansion. Physical Review B, 2009, 79, .	3.2	15
21	Electron-lattice interactions in the perovskite $\text{LaFe}_{1-x}\text{Cr}_x\text{O}_3$ studied by optical spectroscopy and $\text{LaFe}_{1-x}\text{Cr}_x\text{O}_3$. Physical Review B, 2009, 80, .	3.2	15
22	Crystal Structure and Proton Conductivity of $\text{BaZr}_{0.9}\text{Sc}_{0.1}\text{O}_{3-\delta}$. Journal of the American Ceramic Society, 2008, 91, 3039-3044.	3.8	43
23	Electron-phonon interactions in perovskites containing Fe and Cr studied by Raman scattering using oxygen-isotope and cation substitution. Physical Review B, 2008, 78, .	3.2	68
24	Location of deuteron sites in the proton conducting perovskite $\text{BaZr}_{0.5}\text{In}_{0.5}\text{O}_{3-\delta}$. Journal of Alloys and Compounds, 2008, 450, 103-110.	5.5	62
25	Short-Range Structure of Proton-Conducting Perovskite $\text{Ba}_{1-x}\text{Zr}_x\text{O}_{3-x/2}$ ($x = 0-0.75$). Chemistry of Materials, 2008, 20, 3480-3486.	6.7	75
26	Structure of Proton-Conducting Alkali Thio-Hydroxogermanates. Chemistry of Materials, 2008, 20, 6014-6021.	6.7	7
27	Proton Conduction in Hydrated $\text{Ba}_{1-x}\text{Zr}_x\text{O}_{3-\delta}$ wag vibrations in hydrated perovskite. Physical Review B, 2008, 78, .	3.2	27
28	Proton Conduction in Perovskite Oxide $\text{BaZr}_{0.5}\text{Yb}_{0.5}\text{O}_{3-\delta}$ Prepared by Wet Chemical Synthesis Route. Journal of the Electrochemical Society, 2008, 155, P97.	2.9	16
29	Thermally activated relaxations and vibrational anharmonicity in alkali-borate glasses: Brillouin scattering study. Physical Review B, 2008, 78, .	3.2	5
30	Maticet Aal.Reply:. Physical Review Letters, 2007, 98, .	7.8	1
31	A Structural Study on Ionic-Liquid-Based Polymer Electrolyte Membranes. Journal of the Electrochemical Society, 2007, 154, G183.	2.9	38
32	Physical Properties of Proton Conducting Membranes Based on a Protic Ionic Liquid. Journal of Physical Chemistry B, 2007, 111, 12462-12467.	2.6	99
33	Franck-Condon higher order lattice excitations in the $\text{LaFe}_{1-x}\text{Cr}_x\text{O}_3$ ($x=0, 0.1, 0.5, 0.9, 1.0$) perovskites due to Fe-Cr charge transfer effects. Physical Review B, 2007, 75, .	3.2	60
34	Ultrasonic and hypersonic behaviours of borate glasses. Philosophical Magazine, 2007, 87, 697-703.	1.6	2
35	Neutron diffraction and far-infrared spectroscopy of proton conducting alkali thio-hydroxogermanates. Solid State Ionics, 2007, 178, 501-505.	2.7	4
36	A study on the state of PWA in PVDF-based proton conducting membranes by Raman spectroscopy. Solid State Ionics, 2007, 178, 527-531.	2.7	15

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37	Structural study and proton conductivity in Yb-doped BaZrO ₃ . Solid State Ionics, 2007, 178, 515-520.	2.7	59
38	Influence of Oxygen Defects on the Structure and Magnetic Properties of Sr _{1-x} Bi _x CoO _{3-y} (0.1 ≤ x ≤ 0.2) Supercell Perovskites. Chemistry of Materials, 2006, 18, 1354-1364.	6.7	13
39	The Debye-Waller factor approaching the glass-transition temperature in phosphate glasses. Journal of Non-Crystalline Solids, 2006, 352, 4577-4582.	3.1	1
40	Network structure of poly(methyl methacrylate)-based gels and gel electrolytes. Electrochimica Acta, 2006, 51, 4153-4156.	5.2	6
41	Photoinduced nanodots and pinning effects in Bi ₂ Sr ₂ CaCu ₂ O _{8+d} . Physica C: Superconductivity and Its Applications, 2006, 445-448, 443-446.	1.2	0
42	Structural analysis of PVA-based proton conducting membranes. Solid State Ionics, 2006, 177, 2431-2435.	2.7	60
43	Temperature dependent infrared spectroscopy of proton conducting alkali thio-hydroxogermanates. Solid State Ionics, 2006, 177, 1009-1013.	2.7	6
44	Proton conductivity and low temperature structure of In-doped BaZrO ₃ . Solid State Ionics, 2006, 177, 2357-2362.	2.7	60
45	Synthesis and structural characterization of perovskite type proton conducting BaZr _{1-x} In _x O ₃ (0 ≤ x ≤ 0.75). Solid State Ionics, 2006, 177, 1395-1403.	2.7	65
46	Photoinduced Nanodots in Bi ₂ Sr ₂ CaCu ₂ O _{8+d} . Key Engineering Materials, 2006, 320, 167-170.	0.4	0
47	Resonant two-phonon Raman scattering as a probe of hole crystal formation in Sr _{14-x} Ca _x Cu ₂₄ O ₄₁ . Physical Review B, 2006, 74, .	3.2	6
48	Comment on "Fraction of Boroxol Rings in Vitreous Boron Oxide from a First-Principles Analysis of Raman and NMR Spectra", Physical Review Letters, 2006, 96, 199701; author reply 199702.	7.8	16
49	Structure and functionality of PVdF/PAN based, composite proton conducting membranes. Electrochimica Acta, 2005, 50, 3992-3997.	5.2	23
50	Vibrational properties of proton conducting double perovskites. Solid State Ionics, 2005, 176, 2971-2974.	2.7	28
51	Order-disorder-order phase transitions in the pyrochlore superconductor Cd ₂ Re ₂ O ₇ . Physical Review B, 2005, 71, .	3.2	20
52	Influence of Chain Length on the Bifurcation in Oligomeric Glass Formers. Physical Review Letters, 2005, 94, 165701.	7.8	26
53	Diffusive solvent dynamics in a polymer gel electrolyte studied by quasielastic neutron scattering. Journal of Chemical Physics, 2005, 122, 234905.	3.0	5
54	In situ resonant Raman scattering and reversible photoinduced structural change in YBa ₂ Cu ₃ O _{6+x} . Physical Review B, 2005, 71, .	3.2	5

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55	Structure of mixed alkali/alkaline-earth silicate glasses from neutron diffraction and vibrational spectroscopy. <i>Physical Review B</i> , 2005, 72, .	3.2	77
56	The Segmental and Rotational Dynamics of PPO, Above the Glass-Transition, Investigated by Neutron Scattering and Molecular Dynamics Simulations. <i>Soft Materials</i> , 2005, 3, 1-20.	1.7	5
57	A SANS Study of 3PEG~LiClO4~TiO2 Nanocomposite Polymer Electrolytes. <i>Macromolecules</i> , 2005, 38, 6666-6671.	4.8	20
58	Vibrational properties of protons in hydrated BaInxZr1-xO3-xH2O. <i>Physical Review B</i> , 2005, 72, .	3.2	71
59	Structural investigations of polymer electrolyte poly(propylene oxide)-LiClO4 using diffraction experiments and reverse Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 2004, 121, 12026-12037.	3.0	8
60	Phase Control in High-Temperature Superconductors and Novel Fabrication Procedure for Superconducting Components. <i>Key Engineering Materials</i> , 2004, 269, 91-94.	0.4	0
61	Confined and bulk dynamics of a simple glass-former. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	0
62	Accelerating effects of colloidal nano-silica for beneficial calcium-silicate-hydrate formation in cement. <i>Chemical Physics Letters</i> , 2004, 392, 242-248.	2.6	530
63	Frequency dependent conductivity of single alkali and mixed alkali phosphate glasses. <i>Journal of Non-Crystalline Solids</i> , 2004, 345-346, 514-517.	3.1	1
64	Crystal-Like Nature of Acoustic Excitations in Glassy Ethanol. <i>Physical Review Letters</i> , 2004, 93, 145502.	7.8	32
65	Cycling performance and temperature stability of a tin-borate glass anode. <i>Electrochemistry Communications</i> , 2003, 5, 27-31.	4.7	18
66	Chain-Length-Dependent Relaxation Scenarios in an Oligomeric Glass-Forming System: From Merged to Well-Separated Loss Peaks. <i>Physical Review Letters</i> , 2003, 90, 075702.	7.8	75
67	Ionic conductivity and the mixed alkali effect in Li _x Rb _{1-x} PO ₃ glasses. <i>Physical Review B</i> , 2003, 68, .	3.2	32
68	Polymer dynamics in 3PEG~LiClO4~TiO2 nanocomposite polymer electrolytes. <i>Journal of Chemical Physics</i> , 2003, 118, 4206-4212.	3.0	28
69	Antiferromagnetic and superconducting proximity effects in YBa ₂ Cu ₃ O _{7-δ} /PrBa ₂ Cu ₃ O _{7-δ} superlattices. <i>Physical Review B</i> , 2003, 67, .	3.2	5
70	High-frequency collective excitations in a molecular glass-former. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S1259-S1267.	1.8	3
71	Restricted dynamics of a supercooled liquid in a polymer matrix. <i>Physical Review B</i> , 2002, 66, .	3.2	20
72	Neutron diffraction study of microscopic structure of SnB ₂ O ₄ glass. <i>Physical Review B</i> , 2002, 65, .	3.2	8

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73	Phase Transitions and Magnetic Order in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ($x=0.2; 2.85\%$ 2%). <i>Ferroelectrics</i> , 2002, 269, 309-314.	0.6	0
74	Acoustic modes in the network glass $\text{Li}_2\text{O}-2\text{B}_2\text{O}_3$: New evidence from inelastic X-ray scattering. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2002, 82, 243-249.	0.6	0
75	Dynamics of silver phosphate glasses by light and neutron scattering measurements. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2002, 82, 257-262.	0.6	0
76	Raman spectroscopy of CaMnO_3 : Mode assignment and relationship between Raman line intensities and structural distortions. <i>Physical Review B</i> , 2002, 65, .	3.2	118
77	Infrared and in situ ^{119}Sn Mössbauer study of lithiated tin borate glasses. <i>Journal of Materials Chemistry</i> , 2002, 12, 2965-2970.	6.7	11
78	Charge redistribution in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ probed by Raman spectroscopy: CuO_2 -plane phonon as a probe of carrier dynamics in the CuO_2 plane. <i>Applied Physics Letters</i> , 2002, 81, 4988-4990.	3.3	1
79	Dielectric modulus analysis of mixed alkali $\text{Li}_x\text{Rb}_{1-x}\text{PO}_3$ glasses. <i>Journal of Non-Crystalline Solids</i> , 2002, 307-310, 1012-1016.	3.1	21
80	Using adhesion to probe viscoelasticity of polymer film surfaces: A quartz crystal microbalance study. <i>European Physical Journal E</i> , 2002, 8, 129-136.	1.6	130
81	Dynamics of silver phosphate glasses by light and neutron scattering measurements. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2002, 82, 257-262.	0.6	2
82	Raman spectroscopy of the charge- and orbital-ordered state in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$. <i>Physical Review B</i> , 2001, 64, .	3.2	55
83	Contrasting behaviour of acoustic modes in network and non-network glasses. <i>Europhysics Letters</i> , 2001, 54, 77-83.	2.0	47
84	Random ion distribution model: A structural approach to the mixed-alkali effect in glasses. <i>Physical Review B</i> , 2001, 63, .	3.2	99
85	Sound Wave Scattering in Network Glasses. <i>Physical Review Letters</i> , 2001, 86, 3803-3806.	7.8	51
86	The effect of lithium insertion on the structure of tin oxide-based glasses. <i>Journal of Power Sources</i> , 2001, 97-98, 226-228.	7.8	9
87	Structural investigation of the Li^+ ion insertion/extraction mechanism in Sn-based composite oxide glasses. <i>Journal of Physics and Chemistry of Solids</i> , 2001, 62, 1213-1218.	4.0	14
88	Diffusive dynamics in polymer gel electrolytes investigated by quasi-elastic neutron scattering. <i>Physica B: Condensed Matter</i> , 2001, 301, 44-48.	2.7	9
89	Pressure-induced effects in high- T_c superconductors: Raman scattering as a probe of charge-lattice dynamics under high pressure. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 357-360, 142-145.	1.2	7
90	Photoinduced effects and oxygen dynamics in $\text{YBa}_2\text{Cu}_3\text{O}_x$. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 364-365, 545-548.	1.2	2

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91	Diffusion of solvent/salt and segmental relaxation in polymer gel electrolytes. <i>Electrochimica Acta</i> , 2001, 46, 1447-1451.	5.2	14
92	Structural inhomogeneities in fast ion conducting glasses. <i>Physical Review B</i> , 2001, 64, .	3.2	7
93	The segmental dynamics of a polymer electrolyte investigated by coherent quasielastic neutron scattering. <i>Journal of Chemical Physics</i> , 2001, 114, 9645-9656.	3.0	23
94	Structure of $\text{Ca}_{0.4}\text{K}_{0.6}(\text{NO}_3)_{1.4}$ from the glass to the liquid state. <i>Physical Review B</i> , 2001, 64, .	3.2	19
95	Neutron diffraction investigations of the cation coordination in an amorphous polymer electrolyte, PPO-LiClO ₄ . <i>Electrochimica Acta</i> , 2000, 45, 1449-1452.	5.2	8
96	Preparation and optical studies of Er-doped Al-Si-Ti oxide glasses using the ErAl ₃ (OPri) ₁₂ isolated Er-ion precursor. <i>Journal of Physics and Chemistry of Solids</i> , 2000, 61, 67-74.	4.0	14
97	Photoinduced metastability in YBa ₂ Cu ₃ O _x studied by in situ Raman scattering. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 681-682.	2.7	0
98	Resonant Raman scattering and photoinduced metastability in oxygen-deficient YBa ₂ Cu ₃ O _x . <i>Physica C: Superconductivity and Its Applications</i> , 2000, 338, 157-160.	1.2	6
99	Raman-active phonons and their doping dependence in spin-ladder Sr ₁₄ Cu ₂₄ O ₄₁ . <i>Physica C: Superconductivity and Its Applications</i> , 2000, 338, 161-165.	1.2	6
100	High-pressure Raman study of Bi ₂ Sr ₂ CaCu ₂ O _{8+d} : indications of strong bond-strength hierarchy and pressure-induced charge transfer. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2241-2242.	1.2	4
101	Raman scattering in YBa ₂ Cu ₄ O ₈ and PrBa ₂ Cu ₄ O ₈ - indications of pseudogap effects in non-superconducting PrBa ₂ Cu ₄ O ₈ . <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2251-2252.	1.2	0
102	The application of reverse Monte Carlo modelling to a polymeric melt. <i>Computational and Theoretical Polymer Science</i> , 2000, 10, 465-472.	1.1	3
103	Experimental insight into the mixed mobile ion effect in glasses. <i>Solid State Ionics</i> , 2000, 136-137, 1055-1060.	2.7	9
104	Polymer concentration dependence of the dynamics in gel electrolytes. <i>Solid State Ionics</i> , 2000, 136-137, 1147-1152.	2.7	19
105	Quantifying glass transition behavior in ultrathin free-standing polymer films. <i>Physical Review E</i> , 2000, 62, 5187-5200.	2.1	316
106	Lattice and charge excitations in La _{1-x} Sr _x MnO ₃ . <i>Physical Review B</i> , 2000, 61, 1193-1197.	3.2	45
107	Dielectric study of supercooled 2D water in a vermiculite clay. <i>Journal of Chemical Physics</i> , 2000, 113, 357-363.	3.0	72
108	Raman scattering in YBa ₂ Cu ₄ O ₈ and PrBa ₂ Cu ₄ O ₈ : indications of pseudogap effects in non-superconducting PrBa ₂ Cu ₄ O ₈ . <i>Physical Review B</i> , 2000, 61, 7049-7054.	3.2	16

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109	Free volume and dissociation effects in fast ion conducting glasses. Journal of Non-Crystalline Solids, 2000, 263-264, 73-81.	3.1	7
110	Formation of Silicon Structures by Plasma-Activated Wafer Bonding. Journal of the Electrochemical Society, 2000, 147, 2693.	2.9	82
111	Relaxation of rat distal colon by activation of muscarinic, neuronal receptors: possible involvement of P2y-purinoceptors. Journal of the Autonomic Nervous System, 2000, 81, 53-58.	1.9	7
112	Dielectric and quasi-elastic neutron spectroscopy of monolayer water in a vermiculite clay. European Physical Journal Special Topics, 2000, 10, Pr7-195-Pr7-198.	0.2	1
113	Dynamics of propylene carbonate confined in poly(methyl methacrylate) gels. European Physical Journal Special Topics, 2000, 10, Pr7-313-Pr7-316.	0.2	1
114	Raman-active phonons and their doping dependence in Pb-based cuprate superconductors. Physical Review B, 1999, 60, 6316-6319.	3.2	6
115	Phonon Raman scattering of Bi ₂ Sr ₂ CaCu ₂ O ₈ under hydrostatic pressure. Physical Review B, 1999, 59, 8447-8450.	3.2	6
116	Conductivity enhancement in Pb _{1/2} (Ag _{1/2} AgPO ₃) glasses by diffraction experiments and reverse Monte Carlo modeling. Physical Review B, 1999, 60, 12023-12032.	3.2	27
117	Origin of the boson peak in a network glass B ₂ O ₃ . Physical Review B, 1999, 59, 4053-4057.	3.2	47
118	Structure of (AgI) _x (Ag ₂ O-nB ₂ O ₃) _{1-x} glasses by neutron diffraction and reverse Monte Carlo simulations. Journal of Physics Condensed Matter, 1999, 11, 9275-9291.	1.8	10
119	Ionic motion of silver in super-ionic glasses. Physica B: Condensed Matter, 1999, 266, 69-74.	2.7	10
120	Modelling of segmental dynamics in polymer electrolyte PPO-LiClO ₄ , by surface fitting of quasi-elastic neutron scattering data. Physica B: Condensed Matter, 1999, 266, 126-130.	2.7	17
121	Dynamics of haemoglobin through the 200K glass-like transition. Physica B: Condensed Matter, 1999, 266, 27-34.	2.7	7
122	A simple and reproducible way to synthesize PrBa ₂ Cu ₄ O ₈ under 1 atm of oxygen by amorphous citrate method. Physica C: Superconductivity and Its Applications, 1999, 321, 74-80.	1.2	14
123	Magnetic Excitations in PrBa ₂ Cu ₄ O ₈ Explored by Raman Scattering. Physica Status Solidi (B): Basic Research, 1999, 215, 507-512.	1.5	4
124	Spectroscopy of Single Hemoglobin Molecules by Surface Enhanced Raman Scattering. Physical Review Letters, 1999, 83, 4357-4360.	7.8	2,270
125	Diffusive and segmental dynamics in polymer gel electrolytes. Journal of Chemical Physics, 1999, 111, 11216-11221.	3.0	29
126	The liquid-glass transition in a strong network glass former investigated by neutron scattering. Europhysics Letters, 1999, 47, 213-219.	2.0	6

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127	Magnetic Excitations in PrBa ₂ Cu ₄ O ₈ Explored by Raman Scattering. <i>Physica Status Solidi (B): Basic Research</i> , 1999, 215, 507-512.	1.5	0
128	Intermediate range structural correlations in polymer electrolyte PPO-LiClO ₄ from neutron diffraction experiments and reverse Monte Carlo simulations. <i>Electrochimica Acta</i> , 1998, 43, 1545-1550.	5.2	10
129	Optical spectroscopic study of PrBa ₂ Cu ₄ O ₈ . <i>Journal of Physics and Chemistry of Solids</i> , 1998, 59, 2000-2002.	4.0	4
130	Raman-active phonons in Bi ₂ Sr ₂ Ca _{n-1} Cu _n O _{2n+4d} (n=1,2,3) phonon assignment and charge redistribution effects. <i>Journal of Physics and Chemistry of Solids</i> , 1998, 59, 2003-2005.	4.0	7
131	Resonance Raman scattering as a probe of oxygen dynamics in YBa ₂ Cu ₃ O _x . <i>Journal of Physics and Chemistry of Solids</i> , 1998, 59, 1988-1990.	4.0	2
132	Relations between structure and conductivity in fast ion conducting glasses. <i>Solid State Ionics</i> , 1998, 105, 55-65.	2.7	60
133	Neutron-scattering studies of a polymer electrolyte, PPO-LiClO ₄ . <i>Solid State Ionics</i> , 1998, 113-115, 139-147.	2.7	20
134	Intermediate-range structure and conductivity of fast ion-conducting borate glasses. <i>Journal of Non-Crystalline Solids</i> , 1998, 232-234, 658-664.	3.1	19
135	Structure of fast-ion-conducting lithium and sodium borate glasses by neutron diffraction and reverse Monte Carlo simulations. <i>Physical Review B</i> , 1998, 57, 13514-13526.	3.2	53
136	Intermediate range ordering in a network glass. <i>Journal of Non-Crystalline Solids</i> , 1998, 223, 223-229.	3.1	21
137	Structure of mixed alkali phosphate glasses by neutron diffraction and Raman spectroscopy. <i>Physical Review B</i> , 1998, 58, 11331-11337.	3.2	60
138	CuO-chain Raman scattering and photoinduced metastability in YBa ₂ Cu ₃ O _x . <i>Physical Review B</i> , 1998, 57, R14072-R14075.	3.2	32
139	Sound waves and other modes in the strong glass former B ₂ O ₃ . <i>Physical Review B</i> , 1998, 58, 9087-9097.	3.2	83
140	Structural properties of poly(propylene oxide) from diffraction experiments and reverse Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 1998, 109, 8719-8728.	3.0	23
141	Structure and dynamics of phosphate glasses. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1998, 77, 357-362.	0.6	25
142	Dynamics around the liquid-glass transition in poly(propylene-glycol) investigated by wide-frequency-range light-scattering techniques. <i>Physical Review B</i> , 1997, 56, 11619-11628.	3.2	61
143	Structure of AgI-Ag ₂ O-2B ₂ O ₃ glasses: A neutron and x-ray-diffraction investigation. <i>Physical Review B</i> , 1997, 55, 11236-11248.	3.2	44
144	Raman-active phonons in Bi ₂ Sr ₂ xLa _x CuO _{6+d} : Phonon assignment and charge-redistribution effects. <i>Physical Review B</i> , 1997, 56, 2847-2851.	3.2	26

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145	Fraction of boroxol rings in vitreous boron trioxide. <i>Physical Review B</i> , 1997, 55, 11138-11143.	3.2	48
146	A network problem: Modelling alkali-silicate glasses with RMC. <i>Phase Transitions</i> , 1997, 61, 195-213.	1.3	18
147	The effects of cobalt substitution on the thermal diffusivity of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ superconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , 1997, 10, 663-668.	0.5	0
148	Structural and dynamical properties of polymer electrolytes $\text{PPO}-\text{LiClO}_4$. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 231-235.	2.7	11
149	Sound waves and other modes in the strong glassformer B_2O_3 . <i>Physica B: Condensed Matter</i> , 1997, 234-236, 383-385.	2.7	5
150	Structure and conductivity of fast ion-conducting borate glasses. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 386-387.	2.7	3
151	A neutron diffraction study of $\text{Ca}_{0.4}\text{K}_{0.6}(\text{NO}_3)_{1.4}$ from the glass to liquid state. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 414-415.	2.7	6
152	Pr substitution in $\text{Y}_2\text{Ba}_4\text{Cu}_6+n\text{O}_{14+n}$ ($n = 0, 1, 2$) influence on structure and T_c . <i>Physica C: Superconductivity and Its Applications</i> , 1996, 259, 97-108.	1.2	3
153	Changes in the structure of $\text{AgI}-\text{AgPO}_3$ around the glass transition temperature. <i>Solid State Ionics</i> , 1996, 86-88, 421-424.	2.7	10
154	Change in phonon Raman spectra of $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Y}_x\text{Cu}_2\text{O}_8 + d$ induced by hole filling and implications for phonon assignments. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1996, 41, 107-110.	3.5	1
155	A practical cryogenic resistive sensor for thermal conductivity measurements. <i>Sensors and Actuators A: Physical</i> , 1996, 57, 15-19.	4.1	12
156	Effect of cobalt doping on thermal conductivity of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ superconductor. <i>Physical Review B</i> , 1996, 53, 5901-5906.	3.2	11
157	Effects of Zn substitution for Cu on Raman phonon anomalies in double-chain $\text{YBa}_2\text{Cu}_4\text{O}_8$ superconductors. <i>Physical Review B</i> , 1996, 53, 3566-3572.	3.2	10
158	Relaxational and vibrational dynamics in the glass-transition range of a strong glass former B_2O_3 . <i>Physical Review B</i> , 1996, 53, 11511-11520.	3.2	99
159	Raman-active phonons in $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{Y}_x\text{Cu}_2\text{O}_8+d$ ($x=0-1$): Effects of hole filling and internal pressure induced by Y doping for Ca, and implications for phonon assignments. <i>Physical Review B</i> , 1996, 53, 11796-11806.	3.2	95
160	Phonon Raman scattering in $\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_4\text{O}_8$ ($x=0-1$) and $(\text{Y}_{1-x}\text{Pr}_x)_2\text{Ba}_4\text{Cu}_7\text{O}_{15}$ ($x=0-0.6$). <i>Physical Review B</i> , 1996, 53, 3590-3597.	3.2	11
161	Correlation between Free Volume and Ionic Conductivity in Fast Ion Conducting Glasses. <i>Physical Review Letters</i> , 1996, 77, 3569-3572.	7.8	179
162	Intermediate-range structure of fast-ion-conducting AgI-doped molybdate and tungstate glasses. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 3545-3552.	1.8	30

#	ARTICLE	IF	CITATIONS
163	Structure of fast ion conducting borate glasses by neutron diffraction and reverse Monte Carlo simulations. <i>Physica Scripta</i> , 1995, T57, 117-121.	2.5	8
164	Influence of Zn-doping on the electronic raman scattering of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Journal of Physics and Chemistry of Solids</i> , 1995, 56, 1835.	4.0	3
165	Substitution of Pr for Y in $\text{YBa}_2\text{Cu}_4\text{O}_8$ and $\text{YBa}_2\text{Cu}_3\text{O}_{7.5-x}$ superconductors: Phonon modes and charge transfer effects. <i>Journal of Physics and Chemistry of Solids</i> , 1995, 56, 1833.	4.0	0
166	A neutron and x-ray diffraction investigation of intermediate range structure in silver borate glasses. <i>Ionics</i> , 1995, 1, 101-105.	2.4	3
167	Density fluctuations in the network structure of AgI doped AgPO_3 glass: The origin of the phonon-fracton crossover?. <i>Physica Scripta</i> , 1995, T57, 133-136.	2.5	0
168	Modelling the structure and ionic conduction of $(\text{AgI})_x(\text{AgPO}_3)_{1-x}$ glasses. <i>Physica Scripta</i> , 1995, T57, 127-132.	2.5	5
169	Light scattering from electronic excitations in $\text{YNi}_2\text{B}_2\text{C}$. <i>Physical Review B</i> , 1995, 52, 6208-6210.	3.2	10
170	Relaxations, low-energy excitations and specific heat in phosphate glasses. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1995, 71, 525-538.	0.6	6
171	Structure and Ionic Conduction in $(\text{AgI})_x(\text{AgPO}_3)_{1-x}$ Glasses. <i>Physical Review Letters</i> , 1995, 74, 726-729.	7.8	162
172	Structure of borate glasses from neutron-diffraction experiments. <i>Physical Review B</i> , 1995, 52, 9310-9319.	3.2	85
173	Infrared-active phonons and the superconducting gap of Tc-reduced double-chain $\text{YBa}_2\text{Cu}_4\text{O}_8$ superconductors. <i>Physical Review B</i> , 1994, 50, 1171-1177.	3.2	13
174	Investigation of the temperature dependence of electron and phonon Raman scattering in single crystal $\text{YBa}_2\text{Cu}_3\text{O}_{6.952}$. <i>Journal of Superconductivity and Novel Magnetism</i> , 1994, 7, 445-448.	0.5	14
175	Superconducting gap in $\text{Pr}_{1-x}\text{Y}_x\text{Ba}_2\text{Cu}_4\text{O}_8$ and $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ probed by infrared phonon self-energies. <i>Journal of Superconductivity and Novel Magnetism</i> , 1994, 7, 113-116.	0.5	1
176	Anomalous behaviour of the 147 cm^{-1} $\text{Cu}(2)$ Raman mode in $\text{YBa}_2\text{Cu}_4\text{O}_8$ under high pressure. Signature of change in the electronic state of the CuO_2 plane. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 230, 199-206.	1.2	10
177	Temperature dependence of phonon Raman scattering in $\text{Y}_2\text{Ba}_4\text{Cu}_7\text{O}_{15-x}$. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 225, 317-324.	1.2	30
178	Oxygen phonons in orthorhombic and tetragonal $\text{Tl}_2\text{Ba}_2\text{CuO}_6$ investigated by Raman scattering. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 220, 131-137.	1.2	9
179	Symmetry-dependent phonon interactions in $\text{YBa}_2\text{Cu}_4\text{O}_8$ superconductors: a Raman and infrared spectroscopic study. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1091-1092.	1.2	0
180	Is there a correlation between T_c and the features of the B_{1g} Raman continuum in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$? <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1095-1096.	1.2	3

#	ARTICLE	IF	CITATIONS
181	The boson peak in glass formers of increasing fragility. <i>Journal of Non-Crystalline Solids</i> , 1994, 172-174, 154-160.	3.1	76
182	Reorientational motion of the NO ₃ ⁻ ion through the liquid-glass transition in Ca _{0.4} K _{0.6} (NO ₃) _{1.4} and Ca(NO ₃) ₂ + 8H ₂ O. <i>Journal of Non-Crystalline Solids</i> , 1994, 172-174, 161-166.	3.1	11
183	Photon correlation study of structural relaxations in NaCF ₃ SO ₃ containing polymer electrolytes. <i>Journal of Non-Crystalline Solids</i> , 1994, 172-174, 830-837.	3.1	21
184	Low-Energy Modes in Phosphate Glasses: A Comparison with the Soft Potential Model. <i>Physical Review Letters</i> , 1994, 73, 2067-2070.	7.8	50
185	Evidence for a scaling of the superconducting gap with T _c in Pr _x Y _{1-x} Ba ₂ Cu ₄ O ₈ . <i>Solid State Communications</i> , 1993, 87, 907-911.	1.9	10
186	Charge-transfer and compression effects of isomorphous substitutions in YBa ₂ Cu ₃ O ₇ . <i>Physical Review B</i> , 1993, 47, 5359-5366.	3.2	81
187	Two-step relaxation decay in a strong glass former. <i>Physical Review Letters</i> , 1993, 71, 2260-2263.	7.8	76
188	Is there a correlation between the first sharp diffraction peak and the low frequency vibrational behavior of glasses?. <i>Physical Review Letters</i> , 1993, 70, 1275-1278.	7.8	73
189	The effects of Co substitutions for Cu in YBa ₂ Cu ₃ O _{6+x} on the phonon Raman spectrum. <i>Journal of Alloys and Compounds</i> , 1993, 195, 363-366.	5.5	10
190	Structural and physical properties of rare-earth- (R-) substituted RBa ₂ Cu ₄ O ₈ 'd superconductors. <i>Journal of Alloys and Compounds</i> , 1993, 193, 132-134.	5.5	5
191	Structure and superconductivity in Co doped YBa ₂ Cu ₃ O _{6+x} . <i>Journal of Alloys and Compounds</i> , 1993, 195, 327-330.	5.5	8
192	Polymerized complex synthesis of a pure 93 K Y ₂ Ba ₄ Cu ₇ O ₁₅ 'dsuperconductor without the need of high oxygen pressure and additive catalysts. <i>Journal of Applied Physics</i> , 1993, 73, 2424-2428.	2.5	31
193	Comment on "Medium-range ordering in glasses: Comparison of Raman and diffraction measurements". <i>Physical Review Letters</i> , 1993, 70, 4027-4027.	7.8	17
194	Observation of scaling behavior in the liquid-glass transition range from dynamic light scattering in poly(propylene glycol). <i>Physical Review Letters</i> , 1992, 68, 3587-3590.	7.8	42
195	Relation between the Cu(1)-O(4) distance and T _c in Y _{1-x} CaxThxBa ₂ Cu ₃ O ₇ 'f: Raman scattering and calculation of the electron-phonon interaction. <i>Physical Review B</i> , 1992, 46, 6501-6504.	3.2	10
196	Structural changes of B ₂ O ₃ through the liquid-glass transition range: A Raman-scattering study. <i>Physical Review B</i> , 1992, 45, 12797-12805.	3.2	141
197	Observation of a dynamic anomaly in the liquid-glass transformation range by Brillouin scattering. <i>Physical Review Letters</i> , 1992, 68, 79-82.	7.8	61
198	Polymerized complex synthesis and intergranular coupling of Bi _{2-x} Pb _x Sr _{2-x} Ca _x Cu ₂ O superconductors characterized by complex magnetic susceptibility. <i>Journal of Applied Physics</i> , 1992, 71, 3904-3910.	2.5	90

#	ARTICLE	IF	CITATIONS
199	Fractal aspects of superionic glasses from Reverse Monte Carlo simulations. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1992, 65, 261-271.	0.6	27
200	Diffuse neutron scattering studies of disorder in high-Tc superconductors. Physica B: Condensed Matter, 1992, 180-181, 443-446.	2.7	1
201	Physical characterization and vibrational spectroscopy of Bi(Pb) cuprate 2212 ceramics prepared by sol-gel. Physica C: Superconductivity and Its Applications, 1992, 200, 418-424.	1.2	14
202	Structure of Y (Pr) Ba ₂ Cu ₄ O ₈ . Physica C: Superconductivity and Its Applications, 1992, 204, 147-154.	1.2	29
203	Fabrication and characterization of highly pure and homogeneous YBa ₂ Cu ₃ O ₇ superconductors from sol-gel derived powders. Journal of Applied Physics, 1991, 69, 867-873.	2.5	66
204	Incoherent quasi-elastic neutron scattering of propylene carbonate in the glass instability range. Journal of Non-Crystalline Solids, 1991, 131-133, 53-57.	3.1	21
205	When is a polymer a polymer? A light scattering study of crossover from viscous fluid-like behaviour to chain constrained dynamics. Journal of Non-Crystalline Solids, 1991, 131-133, 104-108.	3.1	13
206	A Brillouin scattering study of an extremely "fragile" molecular glass former. Journal of Non-Crystalline Solids, 1991, 131-133, 139-143.	3.1	6
207	Conductivity relaxation in silver iodide-silver borate glasses. Journal of Non-Crystalline Solids, 1991, 131-133, 1096-1098.	3.1	11
208	High-quality ceramics of YBa ₂ Cu ₄ O ₈ from citrate sol-gel precursors sintered at one atmosphere oxygen pressure. Physica C: Superconductivity and Its Applications, 1991, 173, 377-380.	1.2	45
209	Changes in the apical oxygen vibrational frequency and T _c due to Sr substitution for Ba in YBa ₂ Cu ₃ O _{7-δ} , Tl ₂ Ba ₂ CaCu ₂ O _{8-δ} and Tl ₂ Ba ₂ CuO _{6-δ} superconductors. Physica C: Superconductivity and Its Applications, 1991, 185-189, 821-822.	1.2	6
210	Neutron diffraction and Raman spectroscopic studies of Y-123. Physica C: Superconductivity and Its Applications, 1991, 185-189, 893-894.	1.2	3
211	Neutron diffraction studies of TL-2201, TL-2212 and Y-123 doped with strontium. Physica C: Superconductivity and Its Applications, 1991, 185-189, 623-624.	1.2	11
212	Neutron diffraction studies of TL-2201 and TL-2212 doped with lanthanum. Physica C: Superconductivity and Its Applications, 1991, 185-189, 625-626.	1.2	4
213	Elastic and dynamic properties of a poly(propylene glycol)-lithium perchlorate electrolyte: a brillouin scattering study. Macromolecules, 1990, 23, 163-167.	4.8	9
214	Neutron and light scattering study of relaxation dynamics in a glass-forming fragile molecular liquid. Chemical Physics, 1990, 149, 209-220.	1.9	78
215	Phonon characterization of YBa ₂ Cu ₃ O _{7-d} doped with Al and Ga by Raman spectroscopy. Physica B: Condensed Matter, 1990, 165-166, 1245-1246.	2.7	4
216	Effect of Sr and Co doping on structure and phonon raman spectra of YBa ₂ Cu ₃ O _{7-d} . Physica B: Condensed Matter, 1990, 165-166, 1247-1248.	2.7	0

#	ARTICLE	IF	CITATIONS
217	Intermediate range structural ordering in AgI doped superionic glasses: A neutron diffraction study. Solid State Ionics, 1990, 40-41, 702-704.	2.7	31
218	Non-exponential dynamics of silver ions in silver iodide doped silver borate glasses through NMR. Solid State Ionics, 1990, 40-41, 279-283.	2.7	16
219	On the non-exponential versus non-Arrhenius behaviour of the structural relaxation in glass-forming liquids. Journal of Physics Condensed Matter, 1990, 2, SA207-SA214.	1.8	18
220	Dynamics of silver ions in (AgI) _x -(Ag ₂ O-nB ₂ O ₃) _{1-x} glasses: A Ag ¹⁰⁹ nuclear magnetic resonance study. Physical Review B, 1990, 41, 6154-6164.	3.2	71
221	Evidence of anomalous intermediate-range ordering in superionic borate glasses from neutron diffraction. Physical Review B, 1989, 39, 3404-3407.	3.2	76
222	Elastic and dynamic properties of polymer electrolytes: A Brillouin scattering study of poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.0	27
223	The influence of oxygen variation on Raman scattering and X-ray diffraction from BaCuO ₂ . Physica C: Superconductivity and Its Applications, 1989, 162-164, 1253-1254.	1.2	15
224	Oxygen content and structural properties of some Ba Cu oxides. Physica C: Superconductivity and Its Applications, 1989, 162-164, 59-60.	1.2	7
225	Synthesis of highly pure YBa ₂ Cu ₃ O _{7-δ} superconductors using a colloidal processing technique. Physica C: Superconductivity and Its Applications, 1989, 162-164, 931-932.	1.2	19
226	Phonon Raman scattering and structure of Co substituted YBa ₂ Cu ₃ O _{6+δ} . Physica C: Superconductivity and Its Applications, 1989, 162-164, 1245-1246.	1.2	2
227	Raman scattering and X-ray diffraction in Ni and Zn substituted YBa ₂ Cu ₃ O _{6+δ} . Physica C: Superconductivity and Its Applications, 1989, 162-164, 1251-1252.	1.2	12
228	Investigation on oxygen content and ordering in Y ₁ (Ba,Sr) ₂ (Cu,Co) ₃ O _{7-δ} superconductors by means of wet chemical analysis, X-ray- and neutron-diffraction techniques.. Physica C: Superconductivity and Its Applications, 1989, 162-164, 73-74.	1.2	3
229	Brillouin scattering and neutron diffraction in ion-conducting glasses. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1989, 59, 105-123.	0.6	65
230	Raman spectra, superconductivity, and structure of Co-substituted YBa ₂ Cu ₃ O _{7-δ} . Physical Review B, 1989, 40, 6787-6796.	3.2	58
231	Elastic constants of solid electrolytes; a brillouin scattering study of $\hat{\epsilon}$ -AgI, fcc Li ₂ SO ₄ and bcc LiAgSO ₄ single crystals. Solid State Ionics, 1988, 28-30, 204-209.	2.7	1
232	Short time dynamics and acoustic properties of xLiCl-0.5Li ₂ O- $\hat{\nu}$ B ₂ O ₃ glasses between 5 and 700 k. Solid State Ionics, 1988, 28-30, 770-777.	2.7	3
233	Ion pairing in polymer electrolytes; A comparative Raman study of NaCF ₃ SO ₃ complexed in poly(propylene-glycol) and dissolved in acetonitrile. Solid State Ionics, 1988, 28-30, 1047-1053.	2.7	97
234	Raman scattering from Sm $\hat{\nu}$ -Ba $\hat{\nu}$ -Cu $\hat{\nu}$ -O high-Tc superconductors. Physica C: Superconductivity and Its Applications, 1988, 156, 420-426.	1.2	0

#	ARTICLE	IF	CITATIONS
235	Raman scattering from Sm-Ba-Cu-O high-Tc superconductors. Physica C: Superconductivity and Its Applications, 1988, 156, 420-426.	1.2	3
236	Structural Relaxation Behaviour in Polymers; A Molecular Weight Dependence in the Hypersonic Properties of Low Molecular Weight Poly(Propylene Glycol). Physica Scripta, 1987, 35, 692-695.	2.5	20
237	Secondary relaxations due to fast-ion diffusion in AgI-rich borate glasses observed by Brillouin scattering. Physical Review B, 1987, 36, 4600-4612.	3.2	40
238	Elastic constants of a superionic $\hat{\pm}$ -AgI single crystal determined by Brillouin scattering. Physical Review B, 1987, 36, 4915-4925.	3.2	17
239	Brillouin scattering studies of structural relaxations in poly(propylene glycol). Polymer, 1987, 28, 1803-1808.	3.8	51
240	Hypersonic secondary relaxation due to fast ion diffusion modes in $x\text{LiCl}_{0.5}\text{Li}_2\text{O}_3\text{B}_2\text{O}_3$ glasses. Solid State Ionics, 1987, 25, 85-91.	2.7	18
241	Mechanical and electrical relaxation due to mobile ions in a superionic glass over the range 1 Hz-20 GHz. Physics Letters, Section A: General, Atomic and Solid State Physics, 1987, 125, 330-334.	2.1	32
242	Sequential hypersonic dampings due to fast ion diffusion and structural relaxation in $(\text{AgI})_x(\text{AgPO}_3)_{1-x}$ ionic liquids. Solid State Ionics, 1986, 18-19, 141-146.	2.7	25
243	Brillouin scattering in AgI rich glasses. Solid State Ionics, 1986, 18-19, 431-436.	2.7	23
244	Raman Scattering evidence of rotating SO_4^{2-} in solid sulphate electrolytes.. Solid State Ionics, 1986, 18-19, 582-586.	2.7	13
245	Brillouin scattering study of elastic properties of superionic $(\text{AgI})_x(\text{AgPO}_3)_{1-x}$ glasses. Physics Letters, Section A: General, Atomic and Solid State Physics, 1985, 107, 190-194.	2.1	21
246	Reorientational motion in superionic sulfates: A Raman linewidth study. Physical Review B, 1985, 32, 2471-2477.	3.2	47
247	Longitudinal and transverse acoustic modes in $\hat{\pm}$ -AgI. Solid State Ionics, 1983, 8, 147-149.	2.7	7
248	Low frequency light scattering in $\hat{\pm}$ -Li ₂ SO ₄ . Solid State Ionics, 1983, 9-10, 1383-1386.	2.7	4
249	Low-frequency Raman scattering in superionic Li ₂ SO ₄ . Physics Letters, Section A: General, Atomic and Solid State Physics, 1983, 98, 205-207.	2.1	14
250	Structural Study and Conductivity of BaZr _{0.90} Ga _{0.10} O _{2.95} . Ceramic Engineering and Science Proceedings, 0, , 105-117.	0.1	1