Peter Lunkenheimer

List of Publications by Year
in descending order

259 papers	13,951 citations	19636 61 h-index	24232 110 g-index
268 all docs	268 docs citations	268 times ranked	9514 citing authors

#	Article	IF	Citations
1	Origin of apparent colossal dielectric constants. Physical Review B, 2002, 66, .	1.1	812
2	Nonintrinsic origin of the colossal dielectric constants inCaCu3Ti4O12. Physical Review B, 2004, 70, .	1.1	623
3	Glassy dynamics. Contemporary Physics, 2000, 41, 15-36.	0.8	546
4	Relaxor ferroelectricity and colossal magnetocapacitive coupling in ferromagnetic CdCr2S4. Nature, 2005, 434, 364-367.	13.7	475
5	Colossal dielectric constants in transition-metal oxides. European Physical Journal: Special Topics, 2009, 180, 61-89.	1.2	359
6	Excess Wing in the Dielectric Loss of Glass Formers: A Johari-GoldsteinÎ²Relaxation?. Physical Review Letters, 2000, 84, 5560-5563.	2.9	334
7	Relaxation dynamics in plastic crystals. Journal of Chemical Physics, 2002, 116, 10386-10401.	1.2	302
8	Nature and properties of the Johariâ€“Goldstein Î²-relaxation in the equilibrium liquid state of a class of glass-formers. Journal of Chemical Physics, 2001, 115, 1405-1413.	1.2	243
9	Glassy Aging Dynamics. Physical Review Letters, 2005, 95, 055702.	2.9	217
10	Dielectric spectroscopy inSrTiO3. Physical Review B, 1994, 50, 601-604.	1.1	209
11	Multiferroicity in an organic charge-transfer saltÂthat is suggestive of electric-dipole-driven magnetism. Nature Materials, 2012, 11, 755-758.	13.3	207
12	The route to resource-efficient novel materials. Nature Materials, 2011, 10, 899-901.	13.3	190
13	Fast Dynamics of Glass-Forming Glycerol Studied by Dielectric Spectroscopy. Physical Review Letters, 1996, 77, 318-321.	2.9	189
14	Colossal dielectric constants in single-crystalline and ceramic CaCu3Ti4O12 investigated by broadband dielectric spectroscopy. Journal of Applied Physics, 2008, 103, .	1.1	189
15	Colossal dielectric constant up to gigahertz at room temperature. Applied Physics Letters, 2009, 94, .	1.5	178
16	Broadband dielectric spectroscopy on glass-forming propylene carbonate. Physical Review E, 1999, 59, 6924-6936.	0.8	175
17	Multiferroic phases ofEu1âˆ’xYxMnO3. Physical Review B, 2007, 75, .	1.1	174
18	Electric-field-dependent dielectric constant and nonlinear susceptibility inSrTiO3. Physical Review B, 1995, 52, 13159-13162.	1.1	172

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19	Fifth-order susceptibility unveils growth of thermodynamic amorphous order in glass-formers. Science, 2016, 352, 1308-1311.	6.0	164
20	Dielectric spectroscopy of glass-forming materials: Î±-relaxation and excess wing. Chemical Physics, 2002, 284, 205-219.	0.9	163
21	Response of Disordered Matter to Electromagnetic Fields. Physical Review Letters, 2003, 91, 207601.	2.9	156
22	Correlated barrier hopping in NiO films. Physical Review B, 1991, 44, 5927-5930.	1.1	145
23	Ionic conductivity and relaxations in ZrO2Ã¢Â€Â“Y2O3 solid solutions. Solid State Ionics, 1998, 109, 111-118.	1.3	143
24	Colossal Magnetocapacitance and Colossal Magnetoresistance inHgCr2S4. Physical Review Letters, 2006, 96, 157202.	2.9	140
25	Dielectric and far-infrared spectroscopy of glycerol. Journal of Non-Crystalline Solids, 1998, 235-237, 173-179.	1.5	138
26	Multiferroicity and skyrmions carrying electric polarization in GaV ₄ S ₈. Science Advances, 2015, 1, e1500916.	4.7	136
27	On the room temperature multiferroic BiFeO3: magnetic, dielectric and thermal properties. European Physical Journal B, 2010, 75, 451-460.	0.6	131
28	Broadband dielectric spectroscopy on single-crystalline and ceramic CaCu3Ti4O12. Applied Physics Letters, 2007, 91, 022910.	1.5	130
29	Broadband dielectric spectroscopy on human blood. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 727-740.	1.1	129
30	Cooperativity and the Freezing of Molecular Motion at the Glass Transition. Physical Review Letters, 2013, 111, 225702.	2.9	128
31	Electrode polarization effects in broadband dielectric spectroscopy. European Physical Journal B, 2011, 83, 157-165.	0.6	124
32	Orbital Freezing and Orbital Glass State inFeCr2S4. Physical Review Letters, 2005, 94, 027601.	2.9	118
33	Fast Dynamics in CKN and CRN Investigated by Dielectric Spectroscopy. Physical Review Letters, 1997, 78, 2995-2998.	2.9	117
34	Radioâ€frequency dielectric measurements at temperatures from 10 to 450 K. Journal of Applied Physics, 1989, 65, 901-904.	1.1	114
35	Dielectric spectra and electrical conduction in Fe-dopedSrTiO3. Physical Review B, 2000, 61, 3922-3926.	1.1	109
36	Glycerol Hydrogen-Bonding Network Dominates Structure and Collective Dynamics in a Deep Eutectic Solvent. Journal of Physical Chemistry B, 2018, 122, 1261-1267.	1.2	106

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37	g the ferroelectric polarization in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn><mml:mo>â^•</mml:mo><mml:mn> cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Li</mml:mi><mml:mi mathvariant="normal">Cu</mml:mi><mml:mi mathvariant="normal">V</mml:mi><mml:msub><mml:mi m	1.1	105
38	Importance of liquid fragility for energy applications of ionic liquids. Scientific Reports, 2015, 5, 13922.	1.6	101
39	Quantum paraelectric and induced ferroelectric states in. Journal of Physics Condensed Matter, 1996, 8, 4673-4690.	0.7	98
40	Relaxation dynamics of a protein solution investigated by dielectric spectroscopy. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 723-730.	1.1	95
41	Dielectric Relaxation Processes, Electronic Structure, and Band Gap Engineering of MFUâ€4â€type Metalâ€Organic Frameworks: Towards a Rational Design of Semiconducting Microporous Materials. Advanced Functional Materials, 2014, 24, 3885-3896.	7.8	95
42	Charge carrier localization in investigated by ac conductivity measurements. Journal of Physics Condensed Matter, 1999, 11, 3273-3290.	0.7	94
43	High-frequency dielectric spectroscopy on glycerol. Europhysics Letters, 1996, 33, 611-616.	0.7	91
44	Relaxations and fast dynamics of the plastic crystal cyclo-octanol investigated by broadband dielectric spectroscopy. Physical Review B, 1997, 56, R5713-R5716.	1.1	86
45	Proton glass behavior and hopping conductivity in solid solutions of antiferroelectric betaine phosphate and ferroelectric betaine phosphite. Physical Review Letters, 1991, 66, 1990-1993.	2.9	85
46	Indications for an â€œexcess wingâ€•in metallic glasses from the mechanical loss modulus in Zr 65 Al 7.5 Cu 27.5. Europhysics Letters, 2004, 68, 226-232.	0.7	84
47	Ion transport in the fragile glass former3KNO3-2Ca(NO3)2. Physical Review E, 1996, 54, 676-684.	0.8	82
48	Hydrogen-Bond Equilibria and Lifetimes in a Monohydroxy Alcohol. Physical Review Letters, 2011, 107, 118304.	2.9	82
49	Wide range dielectric spectroscopy on glass-forming materials: An experimental overview. Ferroelectrics, 2001, 249, 89-98.	0.3	81
50	Temperature development of glassy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-relaxation dynamics determined by broadband dielectric spectroscopy. Physical Review E, 2010, 81, 051504.	0.8	81
51	Excess wing in the dielectric loss of glass-forming ethanol: A relaxation process. Physical Review B, 2000, 62, 8878-8883.	1.1	78
52	Dielectric relaxation modes in bismuth-dopedSrTiO3:â€ƒThe relaxor behavior. Physical Review B, 1999, 59, 6670-6674.	1.1	77
53	Evidence for Jahn-Teller Distortions at the Antiferromagnetic Transition inLaTiO3. Physical Review Letters, 2003, 91, 066403.	2.9	73
54	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Li</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math>Transport in Poly(Ethylene Oxide) Based Electrolytes: Neutron Scattering, Dielectric Spectroscopy, and Molecular Dynamics Simulations. Physical Review Letters, 2013, 111, 018301.	2.9	71

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55	Relaxations as Key to the Magnetocapacitive Effects in the Perovskite Manganites. Physical Review Letters, 2009, 102, 207208.	2.9	69
56	Is There an Excess Wing in the Dielectric Loss of Plastic Crystals?. Physical Review Letters, 1999, 82, 1951-1954.	2.9	68
57	Liquid 1-propanol studied by neutron scattering, near-infrared, and dielectric spectroscopy. Journal of Chemical Physics, 2014, 140, 124501.	1.2	68
58	Relaxation dynamics and ionic conductivity in a fragile plastic crystal. Journal of Chemical Physics, 2010, 133, 144509.	1.2	67
59	On the complexity of spinels: Magnetic, electronic, and polar ground states. Physics Reports, 2021, 926, 1-86.	10.3	66
60	Electromagnetic-radiation absorption by water. Physical Review E, 2017, 96, 062607.	0.8	65
61	Dielectric behavior of copper tantalum oxide. Journal of Applied Physics, 2004, 96, 4400-4404.	1.1	64
62	Correlations of structural, magnetic, and dielectric properties of undoped and doped CaCu3Ti4O12. European Physical Journal B, 2009, 72, 173-182.	0.6	64
63	Dielectric anomalies in bismuth-dopedSrTiO3:â€ƒDefect modes at low impurity concentrations. Physical Review B, 1999, 59, 6665-6669.	1.1	63
64	Excess wing in the dielectric loss of glass formers: further evidence for a Î²-relaxation. Journal of Non-Crystalline Solids, 2002, 307-310, 336-344.	1.5	63
65	Nonlinear Dielectric Response at the Excess Wing of Glass-Forming Liquids. Physical Review Letters, 2013, 110, 107603.	2.9	61
66	Excess wing in glass-forming glycerol and LiCl-glycerol mixtures detected by neutron scattering. European Physical Journal E, 2015, 38, 1.	0.7	61
67	Colossal dielectric constants: A common phenomenon in CaCu3Ti4O12 related materials. Solid State Communications, 2010, 150, 857-860.	0.9	59
68	Kinetics of Conformational Sampling in Ubiquitin. Angewandte Chemie - International Edition, 2011, 50, 11437-11440.	7.2	59
69	Debye relaxation and 250 K anomaly in glass forming monohydroxy alcohols. Journal of Chemical Physics, 2013, 138, 094505.	1.2	59
70	High-frequency dynamics of type B glass formers investigated by broadband dielectric spectroscopy. Journal of Non-Crystalline Solids, 2011, 357, 510-514.	1.5	58
71	Ionic conductivity of deep eutectic solvents: the role of orientational dynamics and glassy freezing. Physical Chemistry Chemical Physics, 2019, 21, 6801-6809.	1.3	58
72	Glassy dynamics under superhigh pressure. Physical Review E, 2010, 81, 041503.	0.8	57

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73	Scaling behaviour in the frequency dependent conductivity of mixed alkali glasses. Solid State Ionics, 1998, 112, 69-74.	1.3	54
74	Relaxation dynamics and colossal magnetocapacitive effect inCdCr2S4. Physical Review B, 2005, 72, .	1.1	54
75	ac conductivity inLa2CuO4. Physical Review Letters, 1992, 69, 498-501.	2.9	53
76	Dielectric properties and dynamical conductivity ofLaTiO3:â€‚From dc to optical frequencies. Physical Review B, 2003, 68, .	1.1	52
77	Magnetic, electronic, dielectric and optical properties of Pr(Ca:Sr)MnO 3. European Physical Journal B, 2001, 20, 7-17.	0.6	51
78	Dielectric spectroscopy on aqueous electrolytic solutions. Radiation and Environmental Biophysics, 2009, 48, 107-114.	0.6	51
79	Absence of polar order in LuFe2O4. European Physical Journal B, 2012, 85, 1.	0.6	50
80	Johari-Goldstein Relaxation Far Below <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>g</mml:mi></mml:msub></mml:math> : Experimental Evidence for the Gardner Transition in Structural Glasses?. Physical Review Letters, 2018, 120, 085705.	2.9	49
81	Optical spectroscopy in CoO: Phononic, electric, and magnetic excitation spectrum within the charge-transfer gap. Physical Review B, 2008, 78, .	1.1	47
82	Broadband dielectric spectroscopy on benzophenone:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>relaxation,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>relaxation, and mode coupling theory. Physical Review E, 2008, 77, 031506.	0.8	47
83	[illegible] display="inline"><mml:mrow><mml:mi mathvariant="normal">Ca</mml:mi><mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Ti</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:mrow></mml:math>: From dc to the electronic transition regime. Physical Review B, 2008, 77, .	1.1	47
84	Propylene carbonate reexamined: Mode-couplingÎ²scaling without factorization?. Physical Review E, 2000, 61, 2730-2740.	0.8	46
85	Relaxor ferroelectricity and the freezing of short-range polar order in magnetite. Physical Review B, 2011, 83, .	1.1	46
86	Determination of the parameters of semiconductingCdF2:Inwith Schottky barriers from radio-frequency measurements. Physical Review B, 2002, 65, .	1.1	43
87	New Microscopic Mechanism for Secondary Relaxation in Glasses. Physical Review Letters, 2009, 103, 075701.	2.9	43
88	Apparent giant dielectric constants, dielectric relaxation, and ac-conductivity of hexagonal perovskites La1.2Sr2.7BO7.33 (B=Ru, Ir). Journal of Solid State Chemistry, 2006, 179, 3965-3973.	1.4	42
89	The phase diagram and optical properties of La1â^'xSrxMnO3 for xâ©½0.2. Journal of Magnetism and Magnetic Materials, 2000, 211, 118-127.	1.0	41
90	Î± and Î² relaxation dynamics of a fragile plastic crystal. Journal of Chemical Physics, 2006, 124, 124911.	1.2	41

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91	Charge transport in lithium phthalocyanine. Journal of Chemical Physics, 1996, 104, 5048-5053.	1.2	40
92	Experimental evidence for competition between antiferromagnetic and ferromagnetic correlations inHgCr2S4. Physical Review B, 2006, 73, .	1.1	40
93	On the multiferroic skyrmion-host GaV₄S₈. Philosophical Magazine, 2017, 97, 3428-3445.	0.7	40
94	Polar Dynamics at the Jahn-Teller Transition in Ferroelectric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ga</mml:mi><mml:msub><mml:mrow><mml:mi mathvariant="normal">V</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub><mml:msub><mml:m mathvariant="normal">S</mml:mi></mml:mrow><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:r Physical Review Letters, 2015, 115, 207601.	2.9	39
95	Test of universal scaling of ac conductivity in ionic conductors. Physical Review B, 2001, 64, .	1.1	38
96	Orbital physics in sulfur spinels: ordered, liquid and glassy ground states. New Journal of Physics, 2004, 6, 191-191.	1.2	38
97	Molecular reorientation in orthoâ€carborane studied by dielectric spectroscopy. Journal of Chemical Physics, 1996, 104, 4324-4329.	1.2	36
98	Dielectric and conductivity relaxation in mixtures of glycerol with LiCl. European Physical Journal E, 2008, 27, 115-22.	0.7	36
99	Residual dipolar couplings as a tool to study molecular recognition of ubiquitin. Biochemical Society Transactions, 2008, 36, 1433-1437.	1.6	36
100	Bananas go paraelectric. Journal of Physics Condensed Matter, 2008, 20, 191001.	0.7	36
101	WÃ¼stite: electric, thermodynamic and optical properties of FeO. European Physical Journal B, 2012, 85, 1.	0.6	36
102	Dielectric spectroscopy on organic charge-transfer salts. Journal of Physics Condensed Matter, 2015, 27, 373001.	0.7	36
103	Conductivity Contrast and Tunneling Charge Transport in the Vortexlike Ferroelectric Domain Patterns of Multiferroic Hexagonal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YMnO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> Physical Review Letters, 2017, 118, 036803.	2.9	36
104	Ferroelectric properties of charge-ordered<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub> mathvariant="normal">I</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 91, .	1.1	35
105	Magnetoelectric effects in the skyrmion host material Cu2OSeO3. Scientific Reports, 2015, 5, 15025.	1.6	35
106	Glassy dynamics in mono-, di- and tri-propylene glycol: From the Î±- to the fast Î²-relaxation. Journal of Non-Crystalline Solids, 2010, 356, 529-534.	1.5	34
107	Multiferroicity and colossal magneto-capacitance in Cr-thiospinels. Phase Transitions, 2006, 79, 1065-1082.	0.6	33
108	Dielectric ordering of water molecules arranged in a dipolar lattice. Nature Communications, 2020, 11, 3927.	5.8	33

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109	Communication: Conductivity enhancement in plastic-crystalline solid-state electrolytes. Journal of Chemical Physics, 2015, 143, 081101.	1.2	31
110	High-frequency excitations in glassy crystals. Journal of Non-Crystalline Solids, 2006, 352, 4556-4561.	1.5	30
111	Dielectric spectroscopy in benzophenone: The<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>relaxation and its relation to the mode-coupling Cole-Cole peak. Physical Review E, 2007, 76, 030502.	0.8	30
112	Evidence for Electronically Driven Ferroelectricity in a Strongly Correlated Dimerized BEDT-TTF Molecular Conductor. Physical Review Letters, 2018, 120, 247601.	2.9	30
113	Spin dynamics in the low-dimensional magnet TiOCl. Physical Review B, 2006, 73, .	1.1	29
114	Broadband dielectric spectroscopy and aging of glass formers. Journal of Non-Crystalline Solids, 2007, 353, 3862-3870.	1.5	29
115	Cooperativity and Heterogeneity in Plastic Crystals Studied by Nonlinear Dielectric Spectroscopy. Physical Review Letters, 2015, 114, 067601.	2.9	29
116	Polar and magnetic order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ga</mml:mi><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 96, .	1.1	29
117	Ionic transport and heat capacity of glass-forming metalî—¸nitrate mixtures. Journal of Non-Crystalline Solids, 1997, 220, 93-101.	1.5	28
118	Scaling of broadband dielectric data of glass-forming liquids and plastic crystals. European Physical Journal E, 2000, 2, 67-73.	0.7	28
119	Dielectric spectroscopy on aging glasses. Journal of Non-Crystalline Solids, 2006, 352, 4941-4945.	1.5	28
120	Supercooled-liquid and plastic-crystalline state in succinonitrile-glutaronitrile mixtures. Journal of Chemical Physics, 2014, 140, 094504.	1.2	27
121	Translational and reorientational dynamics in deep eutectic solvents. Journal of Chemical Physics, 2021, 154, 154501.	1.2	27
122	Dielectric properties and charge transport in the(Sr,La)NbO3.5â^'xsystem. Physical Review B, 2002, 65, .	1.1	26
123	Importance of reorientational dynamics for the charge transport in ionic liquids. Physical Review E, 2018, 98, .	0.8	26
124	Dielectric relaxation, ac and dc conductivities in the fullerenes C60 and C70. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1995, 99, 527-533.	1.1	25
125	Mixed alkali effect in the ac conductivity of glasses. Materials Chemistry and Physics, 2000, 63, 93-97.	2.0	25
126	Slowing down of the relaxational dynamics at the ferroelectric phase transition in one-dimensional (TMTTF)2AsF6. Solid State Communications, 2006, 137, 241-245.	0.9	25

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127	Giant Dielectric Response in the One-Dimensional Charge-Ordered Semiconductor(NbSe4)3I. Physical Review Letters, 2006, 96, 046402.	2.9	24
128	Colossal magnetocapacitive effect in differently synthesized and doped CdCr2S4. Physica B: Condensed Matter, 2008, 403, 4224-4227.	1.3	24
129	Glycerol confined in zeolitic imidazolate frameworks: The temperature-dependent cooperativity length scale of glassy freezing. Journal of Chemical Physics, 2019, 150, 024504.	1.2	24
130	Magnetic susceptibility, phonons and dielectric constant of single crystalline BiFeO₃. Journal of Physics: Conference Series, 2010, 200, 012106.	0.3	23
131	Nonlinear dielectric spectroscopy in a fragile plastic crystal. Journal of Chemical Physics, 2016, 144, 114506.	1.2	23
132	Is CdCr2S4 a multiferroic relaxor? (reply). Nature, 2007, 448, E5-E6.	13.7	22
133	On the Derivation of Equilibrium Relaxation Times from Aging Experiments. Journal of Physical Chemistry B, 2013, 117, 12689-12694.	1.2	22
134	Spin-orbiton and quantum criticality in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeSc</mml:mi><mml:mn>2</mml:mn></mm mathvariant="normal">S</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 91, .	1.1	22
135	Ion Dynamics in Ionicâ€Liquidâ€Based Liâ€Ion Electrolytes Investigated by Neutron Scattering and Dielectric Spectroscopy. ChemSusChem, 2018, 11, 3512-3523.	3.6	22
136	Multiferroic behavior in. Physica B: Condensed Matter, 2006, 378-380, 363-366.	1.3	21
137	Dc and Ac conductivity of La2CuO4+Î´. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1995, 99, 507-516.	1.1	20
138	Separation of grain boundary effects and intrinsic properties in perovskite-likeGd0.6Y0.4BaCo2O5.5using high-frequency dielectric spectroscopy. Physical Review B, 2002, 65, .	1.1	20
139	Nonlinear dielectric response of Debye, Î± , and Î² relaxation in 1-propanol. Journal of Non-Crystalline Solids, 2015, 407, 66-71.	1.5	20
140	Investigation of nonlinear effects in glassy matter using dielectric methods. European Physical Journal: Special Topics, 2017, 226, 3157-3183.	1.2	20
141	Chirality-driven ferroelectricity in LiCuVO4. Npj Quantum Materials, 2019, 4, .	1.8	20
142	Macroscopic manifestation of domain-wall magnetism and magnetoelectric effect in a NÃ©el-type skyrmion host. Npj Quantum Materials, 2020, 5, .	1.8	20
143	Crystal structure, incommensurate magnetic order, and ferroelectricity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mrow><mml:mn>1</		

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145	Calorimetric study of plastically crystallineo- andm-carboranes. Journal of Chemical Physics, 2003, 119, 4775-4781.	1.2	18
146	Pressure-induced change in the relaxation dynamics of glycerol. JETP Letters, 2010, 92, 479-483.	0.4	18
147	Positron annihilation response and broadband dielectric spectroscopy: Propylene carbonate. Journal of Non-Crystalline Solids, 2010, 356, 794-799.	1.5	18
148	Positron annihilation and broadband dielectric spectroscopy: A series of propylene glycols. Journal of Non-Crystalline Solids, 2011, 357, 376-384.	1.5	17
149	Architecture of nanoscale ferroelectric domains in GaMo₄S₈. Journal of Physics Condensed Matter, 2018, 30, 445402.	0.7	17
150	Quantum paraelectricity in the Kitaev quantum spin liquid candidates H3LiIr2O6 and D3LiIr2O6. Physical Review B, 2020, 101, .	1.1	17
151	Broadband Dielectric Spectroscopy on Glass Forming Liquids. Progress of Theoretical Physics Supplement, 1997, 126, 123-131.	0.2	17
152	The lithium ion conductor Î²-spodumene: an orientational glass. Zeitschrift FÃ¼r Physik B-Condensed Matter, 1996, 100, 583-593.	1.1	16
153	Electronic and optical properties of LiBC. Physical Review B, 2003, 67, .	1.1	16
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