

Sebastian Pawlus

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145
papers

3,500
citations

31
h-index

52
g-index

149
ext. papers

3,789
ext. citations

4
avg, IF

5.16
L-index

#	Paper	IF	Citations
145	Aromaticity effect on supramolecular aggregation. Aromatic vs. cyclic monohydroxy alcohols.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 276, 121235	4.4	1
144	Glass-forming Schiff bases: Peculiar self-organizing systems with bifurcated hydrogen bonds. <i>Journal of Molecular Liquids</i> , 2021 , 118052	6	1
143	Stable and reversible pressure-controlled dielectric switching in dicyanide hybrid perovskite. <i>Applied Materials Today</i> , 2021 , 22, 100957	6.6	3
142	Influence of molecular geometry on the formation, architecture and dynamics of H-bonded supramolecular associates in 1-phenyl alcohols. <i>Journal of Molecular Liquids</i> , 2021 , 326, 115349	6	3
141	Electrical and magnetic properties of ZnCr ₂ S ₄ Nanoparticles. <i>Journal of Alloys and Compounds</i> , 2021 , 861, 157973	5.7	2
140	Effect of Gd Substitution on Thermoelectric Power Factor of Paramagnetic Co-Doped Calcium Molybdate-Tungstates. <i>Materials</i> , 2021 , 14,	3.5	1
139	Influence of hydrostatic pressure on electrical relaxation in non-homogeneous bismuth manganite - Lead titanate ceramics. <i>Journal of Alloys and Compounds</i> , 2021 , 854, 157219	5.7	3
138	Electrical features of ferroelectric (Ba _{0.83} Ca _{0.17})TiO ₃ ceramics with diffused phase transition under pressure. <i>Journal of Alloys and Compounds</i> , 2021 , 856, 158216	5.7	6
137	Toward the Undiscovered Dielectric Properties of Hybrid Acetamidinium Manganese Formate under High Pressure. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 908-914	3.8	4
136	From ambient- to high-pressure dielectric response of perovskite formamidinium manganese formate. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 5740-5748	7.1	
135	Phenyl Ring: A Steric Hindrance or a Source of Different Hydrogen Bonding Patterns in Self-Organizing Systems?. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 2142-2147	6.4	9
134	Is a Dissociation Process Underlying the Molecular Origin of the Debye Process in Monohydroxy Alcohols?. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 2960-2967	3.4	2
133	Systematic studies on the dynamics, intermolecular interactions and local structure in the alkyl and phenyl substituted butanol isomers. <i>Journal of Molecular Liquids</i> , 2021 , 346, 117098	6	2
132	Dipole relaxation process and giant dielectric permittivity in Eu ³⁺ -doped CdMoO ₄ single crystal. <i>Journal of Materiomics</i> , 2021 , 7, 845-857	6.7	1
131	Molecular stiffness and aromatic ring position [Crucial structural factors in the self-assembly processes of phenyl alcohols. <i>Journal of Molecular Liquids</i> , 2021 , 335, 116426	6	2
130	Influence of interfacial stresses on electrical properties of bismuth manganite [lead titanate] epoxy composite. <i>Ceramics International</i> , 2021 , 47, 34619-34619	5.1	2
129	The impact of the length of alkyl chain on the behavior of benzyl alcohol homologues - the interplay between dispersive and hydrogen bond interactions. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 23796-23807	3.6	3

128	Density Scaling Based Detection of Thermodynamic Regions of Complex Intermolecular Interactions Characterizing Supramolecular Structures. <i>Scientific Reports</i> , 2020 , 10, 9316	4.9	3
127	Hydrostatic pressure influence on electric relaxation response of bismuth manganite ceramics. <i>Journal of the American Ceramic Society</i> , 2020 , 103, 3732-3738	3.8	4
126	Essential meaning of high pressure measurements in discerning the properties of monohydroxy alcohols with a single phenyl group. <i>Journal of Molecular Liquids</i> , 2020 , 305, 112863	6	7
125	Combustion synthesis, structural, magnetic and dielectric properties of Gd ³⁺ -doped lead molybdate-tungstates. <i>Journal of Advanced Ceramics</i> , 2020 , 9, 255-268	10.7	8
124	APEX Strategy Represented by Diels-Alder Cycloadditions-New Opportunities for the Syntheses of Functionalised PAHs. <i>Chemistry - A European Journal</i> , 2020 , 26, 12150-12157	4.8	5
123	Impedance, dielectric, and magnetic properties study of La ₂ CrMnO ₆ ceramics. <i>Ceramics International</i> , 2020 , 46, 6368-6376	5.1	7
122	Explanation of the difference in temperature and pressure dependences of the Debye relaxation and the structural relaxation near T _g of monohydroxy alcohols. <i>Chemical Physics</i> , 2020 , 530, 110617	2.3	6
121	Relationship between Nanoscale Supramolecular Structure, Effectiveness of Hydrogen Bonds, and Appearance of Debye Process. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 2672-2679	3.8	9
120	Interplay between structural static and dynamical parameters as a key factor to understand peculiar behaviour of associated liquids. <i>Journal of Molecular Liquids</i> , 2020 , 319, 114084	6	13
119	Conformational analysis and molecular dynamics of glass-forming aromatic thiacyclopentane ethers. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 17948-17959	3.6	1
118	Revisiting a Perovskite-like Copper-Formate Framework NH ₄ [Cu(HCOO) ₃]: OrderDisorder Transition Influenced by Jahn-Teller Distortion and above Room-Temperature Switching of the Nonlinear Optical Response between Two SHG-Active States. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 18714-18723	3.8	6
117	Relaxing under pressure with a rigid niccolite formate framework. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 16736-16741	7.1	5
116	Role of intermolecular interactions and conformational changes in the polymorphism and vitrification process of 2,2'-bis-substituted para-terphenyls. <i>CrystEngComm</i> , 2020 , 22, 3164-3178	3.3	1
115	Impact of the Copper-Induced Local Framework Deformation on the Mechanism of Structural Phase Transition in [(CH ₃) ₂ NH ₂][Zn(HCOO) ₃] Hybrid Metal-Formate Perovskite. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 23594-23603	3.8	7
114	Effect of Flexibility and Nanotriboelectrification on the Dynamic Reversibility of Water Intrusion into Nanopores: Pressure-Transmitting Fluid with Frequency-Dependent Dissipation Capability. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 40842-40849	9.5	15
113	Electric relaxation of superparamagnetic Gd-doped lead molybdate-tungstates. <i>Ceramics International</i> , 2019 , 45, 4437-4447	5.1	5
112	Glassy dynamics predicted by mutual role of free and activation volumes. <i>Soft Matter</i> , 2019 , 15, 4656-4666	6	7
111	How to align a nematic glassy phase under different conditions under different results. <i>Journal of Molecular Liquids</i> , 2019 , 280, 314-318	6	6

110	Effect of Tantalum Substitution on Dielectric Constant of ZnSb _{2-x} TaxO ₆ Solid Solution (x=0.0,0.1,0.25,0.75,1.6). <i>Acta Physica Polonica A</i> , 2019 , 136, 633-636	0.6	
109	Breakdown of the Simple Arrhenius Law in the Normal Liquid State. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 1783-1787	6.4	7
108	Electrical properties of epoxy-glue/(Bi ₁₂ MnO ₂₀ BiMn ₂ O ₅) composite. <i>Journal of Composite Materials</i> , 2018 , 52, 1305-1315	2.7	2
107	On the origin of ferroelectric structural phases in perovskite-like metal-organic formate. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9420-9429	7.1	28
106	Verifying the Approximate Covariance of the Land and Johari-Goldstein Relaxation Times to Variations of Pressure and Temperature in Polyisoprene. <i>Macromolecules</i> , 2018 , 51, 4435-4443	5.5	14
105	Insight into understanding structural relaxation dynamics of [NH ₂ NH ₃][Mn(HCOO) ₃] metal-organic formate. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018 , 236-237, 24-31	3.1	3
104	Inflection point in the Debye relaxation time of 2-butyl-1-octanol. <i>Journal of Chemical Physics</i> , 2018 , 149, 214502	3.9	4
103	Dielectric relaxation and anhydrous proton conduction in [CHNH][NaFe(HCOO)] metal-organic frameworks. <i>Dalton Transactions</i> , 2017 , 46, 3681-3687	4.3	14
102	Mechanical, Thermal, and Electrical Energy Storage in a Single Working Body: Electrification and Thermal Effects upon Pressure-Induced Water Intrusion-Extrusion in Nanoporous Solids. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7044-7049	9.5	17
101	Synthesis and temperature-dependent studies of a perovskite-like manganese formate framework templated with protonated acetamidine. <i>Dalton Transactions</i> , 2017 , 46, 8476-8485	4.3	20
100	Relaxor state and electric relaxations induced by the addition of Bi and Mn ions to Pb(Zr _{0.70} Ti _{0.30})O ₃ ceramics. <i>Ceramics International</i> , 2017 , 43, 11699-11709	5.1	9
99	Temperature- and pressure-dependent studies of niccolite-type formate frameworks of [NH(CH)NH][M(HCOO)] (M = Zn, Co, Fe). <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 27613-27622	3.6	16
98	How Different Molecular Architectures Influence the Dynamics of H-Bonded Structures in Glass-Forming Monohydroxy Alcohols. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 5744-52	3.4	23
97	Dielectric relaxation behavior in antiferroelectric metal organic framework [(CH ₃) ₂ NH ₂][Fe(III)Fe(II)(HCOO) ₆] single crystals. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 8462-7	3.6	34
96	Electric Relaxation in Nb ₆ VSb ₃ O ₂₅ -Ceramics. <i>Acta Physica Polonica A</i> , 2016 , 129, 355-358	0.6	3
95	Phase transitions and chromium(iii) luminescence in perovskite-type [CHNH][NaCrAl(HCOO)] (x = 0, 0.025, 0.5), correlated with structural, dielectric and phonon properties. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 29629-29640	3.6	30
94	The peculiar behavior of the molecular dynamics of a glass-forming liquid confined in native porous materials - the role of negative pressure. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 23709-14	3.6	31
93	Fractional Debye-Stokes-Einstein behaviour in an ultraviscous nanocolloid: glycerol and silver nanoparticles. <i>Soft Matter</i> , 2015 , 11, 5554-62	3.6	14

92	Decoupling between the Interfacial and Core Molecular Dynamics of Salol in 2D Confinement. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 14366-14374	3.8	43
91	Does the Johari-Goldstein Relaxation Exist in Polypropylene Glycols?. <i>Macromolecules</i> , 2015 , 48, 4151-4157	3.5	8
90	Impact of high pressure on the progress of polymerization of DGEBA cured with different amine hardeners: dielectric and DSC studies. <i>RSC Advances</i> , 2015 , 5, 105934-105942	3.7	14
89	Role of entropy in the thermodynamic evolution of the time scale of molecular dynamics near the glass transition. <i>Physical Review E</i> , 2015 , 91, 062305	2.4	10
88	Adam-Gibbs model in the density scaling regime and its implications for the configurational entropy scaling. <i>Scientific Reports</i> , 2015 , 5, 13998	4.9	11
87	Confinement for More Space: A Larger Free Volume and Enhanced Glassy Dynamics of 2-Ethyl-1-hexanol in Nanopores. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 3708-12	6.4	62
86	Oscillatory shear and high-pressure dielectric study of 5-methyl-3-heptanol. <i>Colloid and Polymer Science</i> , 2014 , 292, 1913-1921	2.4	34
85	High pressure polymerization of glycidol. Kinetics studies. <i>Polymer</i> , 2014 , 55, 1984-1990	3.9	10
84	Dielectric permittivity of some novel copper/cobalt and rare-earth metal tungstates. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014 , 184, 14-17	3.1	10
83	Kinetics and Dynamics of the Curing System. High Pressure Studies. <i>Macromolecules</i> , 2014 , 47, 4288-4297	3.5	18
82	General rules prospected for the liquid fragility in various material groups and different thermodynamic conditions. <i>Journal of Chemical Physics</i> , 2014 , 141, 134507	3.9	25
81	Dielectric and magnetic properties of CdMoO ₄ :Gd ³⁺ single crystal. <i>Journal of Alloys and Compounds</i> , 2014 , 593, 230-234	5.7	21
80	New Strategy for the Synthesis of 3,4,5-trisubstituted Isoxazolines from Allyl Compounds. <i>Current Organic Chemistry</i> , 2014 , 18, 2280-2296	1.7	4
79	How do high pressures change the Debye process of 4-methyl-3-heptanol?. <i>Journal of Chemical Physics</i> , 2013 , 139, 064501	3.9	25
78	Glassy dynamics and physical aging in fucose saccharides as studied by infrared- and broadband dielectric spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 20641-50	3.6	20
77	Electrical and magnetic properties of CdRE ₂ W ₂ O ₁₀ tungstates (RE=Y, Nd, Sm, GdEr). <i>Journal of Physics and Chemistry of Solids</i> , 2013 , 74, 86-93	3.9	19
76	Effect of compression on the relationship between viscosity and dielectric relaxation time in hydrogen-bonded primary alcohols. <i>Physical Review Letters</i> , 2013 , 110, 173004	7.4	30
75	The importance of the activation volume for the description of the molecular dynamics of glass-forming liquids. <i>Journal of Physics Condensed Matter</i> , 2012 , 24, 065105	1.8	16

74	Dielectric and magnetic permittivities of three new ceramic tungstates MPr ₂ W ₂ O ₁₀ (M = Cd, Co, Mn). <i>Philosophical Magazine</i> , 2012 , 92, 4167-4181	1.6	22
73	Role of hydrogen bonds and molecular structure in relaxation dynamics of pentiol isomers. <i>Physical Review E</i> , 2012 , 85, 052501	2.4	9
72	Electrical and Magnetic Properties of CuEu ₂ W ₂ O ₁₀ and Cu ₃ Eu ₂ W ₄ O ₁₈ . <i>Solid State Phenomena</i> , 2012 , 194, 104-107	0.4	4
71	High pressure study of molecular dynamics of protic ionic liquid lidocaine hydrochloride. <i>Journal of Chemical Physics</i> , 2012 , 136, 224501	3.9	24
70	Semiconducting Properties of Cu ₅ SbO ₆ . <i>Acta Physica Polonica A</i> , 2012 , 122, 1105-1107	0.6	1
69	Comment on "Slow Debye-type peak observed in the dielectric response of polyalcohols" [J. Chem. Phys. 132, 044504 (2010)]. <i>Journal of Chemical Physics</i> , 2011 , 134, 037101; author reply 037102	3.9	12
68	Glassy dynamics in the isotropic phase of a smectogenic liquid crystalline compound. <i>Physical Review E</i> , 2011 , 84, 031710	2.4	8
67	Dielectric studies of the mobility in pentitols. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 1062-6	3.4	10
66	Communication: Thermodynamic scaling of the Debye process in primary alcohols. <i>Journal of Chemical Physics</i> , 2011 , 134, 041103	3.9	20
65	Molecular dynamics changes induced by solvent in 2-ethyl-1-hexanol. <i>Physical Review E</i> , 2011 , 84, 031503	2.4	19
64	Fragility versus activation volume: insight into molecular dynamics of glass-forming hydrogen-bonded liquids. <i>Physical Review E</i> , 2011 , 84, 052501	2.4	9
63	Effect of high hydrostatic pressure on the dielectric relaxation in a non-crystallizable monohydroxy alcohol in its supercooled liquid and glassy states. <i>Journal of Chemical Physics</i> , 2011 , 135, 084507	3.9	17
62	Note: New feedthrough insulation method for the dielectric spectroscopy under ultrahigh pressure conditions. <i>Review of Scientific Instruments</i> , 2010 , 81, 066101	1.7	3
61	Anomalous behavior of the structural relaxation dispersion function of a carborane-containing siloxane. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 415101	1.8	4
60	Sub-Rouse Modes in Polymers Observed by Dielectric Spectroscopy. <i>Macromolecules</i> , 2010 , 43, 3103-3106	3.5	42
59	Dielectric and mechanical relaxation in isooctylcyanobiphenyl (8*OCB). <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 235101	1.8	10
58	Molecular Dynamics Changes Induced by Hydrostatic Pressure in a Supercooled Primary Alcohol. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 3249-3253	6.4	38
57	Dielectric relaxation and crystallization kinetics of ibuprofen at ambient and elevated pressure. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 6579-93	3.4	94

56	Influence of Pressure on Chain and Segmental Dynamics in Polyisoprene. <i>Macromolecules</i> , 2010 , 43, 5845-5850	5.5	10
55	Evidence for critical-like behavior in ultraslowing glass-forming systems. <i>Physical Review E</i> , 2010 , 82, 031501	2.4	28
54	Dynamic Crossover of Water Relaxation in Aqueous Mixtures: Effect of Pressure. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 1170-1175	6.4	19
53	Microscopic origin of secondary modes observed in decahydroisoquinoline. <i>Journal of Molecular Structure</i> , 2010 , 975, 200-204	3.4	4
52	Transformation of the Strongly Hydrogen Bonded System into van der Waals one Reflected in Molecular Dynamics. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2010 , 359-376	0.1	1
51	Influence of pressure on quasielastic scattering in glasses: relationship to the boson peak. <i>Physical Review Letters</i> , 2009 , 102, 145502	7.4	16
50	Dielectric properties of two diastereoisomers of the arabinose and their equimolar mixture. <i>Carbohydrate Research</i> , 2009 , 344, 2547-53	2.9	17
49	Dielectric Spectroscopy Investigation of Relaxation in C60/Polyisoprene Nanocomposites. <i>Macromolecules</i> , 2009 , 42, 3201-3206	5.5	55
48	On the pressure dependence of the fragility of glycerol. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 332101	1.8	29
47	Correlation between primary and secondary Johari-Goldstein relaxations in supercooled liquids: invariance to changes in thermodynamic conditions. <i>Journal of Chemical Physics</i> , 2008 , 128, 044512	3.9	104
46	Electrical properties of Pb(Mn _{1/3} Nb _{2/3})O ₃ ceramics under hydrostatic pressure: Relaxation dynamics and its relation to the subsystem of defects. <i>Physical Review B</i> , 2008 , 78,	3.3	16
45	Role of Chemical Structure in Fragility of Polymers: A Qualitative Picture. <i>Macromolecules</i> , 2008 , 41, 7233-7238	3.3	249
44	Influence of hydration on protein dynamics: combining dielectric and neutron scattering spectroscopy data. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 14273-80	3.4	154
43	Dielectric studies on mobility of the glycosidic linkage in seven disaccharides. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 12816-23	3.4	61
42	Conductivity in hydrated proteins: no signs of the fragile-to-strong crossover. <i>Physical Review Letters</i> , 2008 , 100, 108103	7.4	78
41	Pressure dependence of the dielectric loss minimum slope for ten molecular liquids. <i>Philosophical Magazine</i> , 2008 , 88, 4101-4108	1.6	12
40	The origin of the dynamic transition in proteins. <i>Journal of Chemical Physics</i> , 2008 , 128, 195106	3.9	146
39	High pressure study on molecular mobility of leucrose. <i>Journal of Chemical Physics</i> , 2008 , 129, 084501	3.9	26

38	Influence of molecular weight on dynamic crossover temperature in linear polymers. <i>Polymer</i> , 2008 , 49, 2918-2923	3.9	25
37	Influence of Differences in Molecular structure on Behavior of and Relaxation Processes in Diisooctyl Maleate. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2007 , 149-159		
36	Confined liquid crystalline 5CB in 2D Thermodynamic Space Preliminary Dielectric Relaxation Study. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2007 , 229-238		1
35	Changes of relaxation dynamics of a hydrogen-bonded glass former after removal of the hydrogen bonds. <i>Journal of Chemical Physics</i> , 2006 , 125, 144507	3.9	50
34	Dynamics crossover and dynamic scaling description in vitrification of orientationally disordered crystal. <i>Physical Review B</i> , 2006 , 73,	3.3	37
33	Effect of thermodynamic history on secondary relaxation in glassy phenolphthalein-dimethyl-ether. <i>Physical Review B</i> , 2006 , 73,	3.3	14
32	Pressure effects on the alpha and alpha' relaxations in polymethylphenylsiloxane. <i>Journal of Chemical Physics</i> , 2006 , 124, 104901	3.9	35
31	Dielectric relaxation in compressed glassy and orientationally disordered mixed crystals. <i>Physical Review B</i> , 2006 , 74,	3.3	25
30	Positronium annihilation lifetimes and dielectric spectroscopy studies on diethyl phthalate: phenomenological correlations and microscopic analyses in terms of the extended free volume model by Cohen-Grest. <i>Journal of Chemical Physics</i> , 2006 , 124, 104505	3.9	20
29	Properties of (Bi _{1/9} Na _{2/3})(Mn _{1/3} Nb _{2/3})O ₃ analysed within dielectric permittivity, conductivity, electric modulus and derivative techniques approach. <i>Phase Transitions</i> , 2006 , 79, 447-460	1.3	20
28	Anomalous narrowing of the structural relaxation dispersion of tris(dimethylsiloxy)phenylsilane at elevated pressures. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 7678-81	3.4	9
27	Secondary dielectric relaxation in decahydroisoquinoline-cyclohexane mixture. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 4685-4689	3.9	10
26	Electric modulus approach to the analysis of electric relaxation in highly conducting (Na _{0.75} Bi _{0.25})(Mn _{0.25} Nb _{0.75})O ₃ ceramics. <i>Journal Physics D: Applied Physics</i> , 2005 , 38, 1450-1460	3	184
25	Temperature behavior of secondary relaxation dynamics in tripropylene glycol. <i>Physical Review B</i> , 2005 , 71,	3.3	18
24	Emergence of a new feature in the high pressure-high temperature relaxation spectrum of tri-propylene glycol. <i>Journal of Chemical Physics</i> , 2005 , 122, 061102	3.9	12
23	Two secondary modes in decahydroisoquinoline: which one is the true Johari Goldstein process?. <i>Journal of Chemical Physics</i> , 2005 , 122, 234506	3.9	43
22	Hydrogen bonding and secondary relaxations in propylene glycol trimer. <i>Physical Review B</i> , 2005 , 72,	3.3	18
21	Effect of glass structure on the dynamics of the secondary relaxation in diisobutyl and diisooctyl phthalates. <i>Physical Review B</i> , 2005 , 72,	3.3	26

20	Complex dynamics of supercooling n-butylcyanobiphenyl (4CB). <i>Physical Review E</i> , 2005 , 72, 031501	2.4	19
19	Mode coupling behavior in glass-forming liquid crystalline isopentylcyanobiphenyl. <i>Physical Review E</i> , 2005 , 71, 011508	2.4	33
18	Dielectric relaxation processes in water mixtures of tripropylene glycol. <i>Journal of Chemical Physics</i> , 2005 , 123, 204506	3.9	25
17	Effect of large hydrostatic pressure on the dielectric loss spectrum of type- a glass formers. <i>Physical Review E</i> , 2004 , 69, 050501	2.4	40
16	Structural and Secondary Relaxations in Supercooled Di-n-butyl Phthalate and Diisobutyl Phthalate at Elevated Pressure. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 4997-5003	3.4	45
15	Temperature and volume effects on the change of dynamics in propylene carbonate. <i>Physical Review E</i> , 2004 , 70, 061501	2.4	74
14	Influence of Molecular Structure on Dynamics of Secondary Relaxation in Phthalates 2004 , 307-317		
13	Effect of Temperature and Pressure on Segmental Relaxation in Polymethylphenylsiloxane. <i>Rubber Chemistry and Technology</i> , 2003 , 76, 1106-1115	1.7	17
12	DTA and Dielectric Studies of a Substance with the Nematic, Smectic A, and Smectic C Polymorphism at Ambient and Elevated Pressures. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2003 , 58, 333-340	1.4	9
11	Dielectric Properties of 4-methoxy-4-Cyanobiphenyl (1 OCB) in the Supercooled Isotropic and Nematic Phases. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2003 , 58, 357-362	1.4	9
10	Segmental- and normal-mode dielectric relaxation of poly(propylene glycol) under pressure. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 3047-3052	2.6	46
9	Does the arrhenius temperature dependence of the Johari-Goldstein relaxation persist above T(g)? <i>Physical Review Letters</i> , 2003 , 91, 115701	7.4	157
8	Nematic order parameter as determined from dielectric relaxation data and other methods. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 924-928	3.6	33
7	Complex dielectric relaxation in supercooling and superpressing liquid-crystalline chiral isopentylcyanobiphenyl. <i>Physical Review E</i> , 2003 , 68, 031705	2.4	20
6	Test of the Einstein-Debye relation in supercooled dibutylphthalate at pressures up to 1.4 GPa. <i>Physical Review Letters</i> , 2003 , 90, 175702	7.4	37
5	Changes in dynamic crossover with temperature and pressure in glass-forming diethyl phthalate. <i>Physical Review E</i> , 2003 , 68, 021503	2.4	62
4	Preliminary Studies on the Dielectric Permittivity in the Isotropic and Mesophase of Cholesteryl Oleyl Carbonate. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2002 , 57, 126-128	1.4	3
3	Temperature and pressure dependence of the β -relaxation in polymethylphenylsiloxane. <i>Journal of Chemical Physics</i> , 2002 , 116, 10932-10937	3.9	62

2	Pressure and Temperature Dependence of the β -Relaxation in Poly(methyltolylsiloxane). <i>Macromolecules</i> , 2002 , 35, 7338-7342	5.5	65
1	Pretransitional behavior of dielectric permittivity on approaching a clearing point in a mixture of nematogens with antagonistic configurations of dipoles. <i>Physical Review E</i> , 2001 , 64, 051701	2.4	15