

Sebastian Pawlus

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Systematic studies on the dynamics, intermolecular interactions and local structure in the alkyl and phenyl substituted butanol isomers. <i>Journal of Molecular Liquids</i> , 2022, 346, 117098.	4.9	5
2	Aromaticity effect on supramolecular aggregation. Aromatic vs. cyclic monohydroxy alcohols. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121235.	3.9	6
3	Supramolecular Structure of Phenyl Derivatives of Butanol Isomers. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3563-3571.	2.6	6
4	Simple Rules for Complex Near-Glass-Transition Phenomena in Medium-Sized Schiff Bases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5185.	4.1	3
5	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.	5.5	4
6	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.	5.5	8
7	Toward the Undiscovered Dielectric Properties of Hybrid Acetamidinium Manganese Formate under High Pressure. <i>Journal of Physical Chemistry C</i> , 2021, 125, 908-914.	3.1	7
8	From ambient- to high-pressure dielectric response of perovskite formamidinium manganese formate. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5740-5748.	5.5	0
9	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.	4.6	23
10	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.	2.6	5
11	Stable and reversible pressure-controlled dielectric switching in dicyanide hybrid perovskite. <i>Applied Materials Today</i> , 2021, 22, 100957.	4.3	7
12	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.	4.9	11
13	Electrical and magnetic properties of ZnCr ₂ S ₄ “ nanoparticles. <i>Journal of Alloys and Compounds</i> , 2021, 861, 157973.	5.5	5
14	Effect of Gd ³⁺ Substitution on Thermoelectric Power Factor of Paramagnetic Co ²⁺ -Doped Calcium Molybdate-Tungstates. <i>Materials</i> , 2021, 14, 3692.	2.9	6
15	Dipole relaxation process and giant dielectric permittivity in Eu ³⁺ -doped CdMoO ₄ single crystal. <i>Journal of Materiomics</i> , 2021, 7, 845-857.	5.7	3
16	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.	4.9	10
17	Influence of interfacial stresses on electrical properties of bismuth manganite “ lead titanate “ epoxy composite. <i>Ceramics International</i> , 2021, 47, 34619-34619.	4.8	4
18	The Impact of the Length of Alkyl Chain on the Behavior of Benzyl Alcohol Homologous. The Interplay Between Dispersive and Hydrogen Bond Interactions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23796-23807.	2.8	9

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19	Glass-forming Schiff bases: Peculiar self-organizing systems with bifurcated hydrogen bonds. Journal of Molecular Liquids, 2021, , 118052.	4.9	2
20	Impedance, dielectric, and magnetic properties study of La ₂ CrMnO ₆ ceramics. Ceramics International, 2020, 46, 6368-6376.	4.8	19
21	Explanation of the difference in temperature and pressure dependences of the Debye relaxation and the structural τ_{\pm} -relaxation near T of monohydroxy alcohols. Chemical Physics, 2020, 530, 110617.	1.9	11
22	Relationship between Nanoscale Supramolecular Structure, Effectiveness of Hydrogen Bonds, and Appearance of Debye Process. Journal of Physical Chemistry C, 2020, 124, 2672-2679.	3.1	12
23	Interplay between structural static and dynamical parameters as a key factor to understand peculiar behaviour of associated liquids. Journal of Molecular Liquids, 2020, 319, 114084.	4.9	21
24	Conformational analysis and molecular dynamics of glass-forming aromatic thiacyclopentanes. Physical Chemistry Chemical Physics, 2020, 22, 17948-17959.	2.8	6
25	Revisiting a Perovskite-like Copper-Formate Framework NH ₄ [Cu(HCOO) ₃]: Order-Disorder Transition Influenced by Jahn-Teller Distortion and above Room-Temperature Switching of the Nonlinear Optical Response between Two SHG-Active States. Journal of Physical Chemistry C, 2020, 124, 18714-18723.	3.1	17
26	Relaxing under pressure with a rigid niccolite formate framework. Journal of Materials Chemistry C, 2020, 8, 16736-16741.	5.5	7
27	Dipole Relaxation in Semiconducting Zn _{2-x} Mg _x InV ₃ O ₁₁ Materials (Where x = 0.0, 0.4, 1.0, 1.6, and 2.0). Materials, 2020, 13, 2425.	2.9	1
28	Density Scaling Based Detection of Thermodynamic Regions of Complex Intermolecular Interactions Characterizing Supramolecular Structures. Scientific Reports, 2020, 10, 9316.	3.3	5
29	Hydrostatic pressure influence on electric relaxation response of bismuth manganite ceramics. Journal of the American Ceramic Society, 2020, 103, 3732-3738.	3.8	7
30	Essential meaning of high pressure measurements in discerning the properties of monohydroxy alcohols with a single phenyl group. Journal of Molecular Liquids, 2020, 305, 112863.	4.9	11
31	Combustion synthesis, structural, magnetic and dielectric properties of Gd ³⁺ -doped lead molybdate-tungstates. Journal of Advanced Ceramics, 2020, 9, 255-268.	17.4	15
32	APEX Strategy Represented by Diels-Alder Cycloadditions-New Opportunities for the Syntheses of Functionalised PAHs. Chemistry - A European Journal, 2020, 26, 12150-12157.	3.3	11
33	Role of intermolecular interactions and conformational changes in the polymorphism and vitrification process of 2,2'-bis-substituted <i>para</i> -terphenyls. CrystEngComm, 2020, 22, 3164-3178.	2.6	4
34	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. Journal of Physical Chemistry C, 2019, 123, 23594-23603.	3.1	12
35	Effect of Flexibility and Nanotriboelectrification on the Dynamic Reversibility of Water Intrusion into Nanopores: Pressure-Transmitting Fluid with Frequency-Dependent Dissipation Capability. ACS Applied Materials & Interfaces, 2019, 11, 40842-40849.	8.0	25
36	Electric relaxation of superparamagnetic Gd-doped lead molybdate-tungstates. Ceramics International, 2019, 45, 4437-4447.	4.8	12

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37	Glassy dynamics predicted by mutual role of free and activation volumes. <i>Soft Matter</i> , 2019, 15, 4656-4661.	2.7	7
38	How to align a nematic glassy phase – Different conditions – Different results. <i>Journal of Molecular Liquids</i> , 2019, 280, 314-318.	4.9	6
39	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.	0.5	0
40	Breakdown of the Simple Arrhenius Law in the Normal Liquid State. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1783-1787.	4.6	10
41	Electrical properties of epoxy-glue/(Bi ₁₂ MnO ₂₀ – BiMn ₂ O ₅) composite. <i>Journal of Composite Materials</i> , 2018, 52, 1305-1315.	2.4	3
42	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.	3.5	7
43	Inflection point in the Debye relaxation time of 2-butyl-1-octanol. <i>Journal of Chemical Physics</i> , 2018, 149, 214502.	3.0	5
44	On the origin of ferroelectric structural phases in perovskite-like metal-organic formate. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9420-9429.	5.5	34
45	Verifying the Approximate Coinvariance of the $\hat{1}\pm$ and Johari-Goldstein $\hat{1}^2$ Relaxation Times to Variations of Pressure and Temperature in Polyisoprene. <i>Macromolecules</i> , 2018, 51, 4435-4443.	4.8	17
46	Dielectric relaxation and anhydrous proton conduction in [C ₂ H ₅ NH ₃][Na _{0.5} Fe _{0.5} (HCOO) ₃] metal-organic frameworks. <i>Dalton Transactions</i> , 2017, 46, 3681-3687.	3.3	19
47	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.	8.0	35
48	Synthesis and temperature-dependent studies of a perovskite-like manganese formate framework templated with protonated acetamidine. <i>Dalton Transactions</i> , 2017, 46, 8476-8485.	3.3	23
49	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.	4.8	11
50	Phase transitions and chromium(III) luminescence in perovskite-type [C ₂ H ₅ NH ₃][Na _{0.5} Cr _x Al _{0.5-x} (HCOO) ₃] (x = 0, 0.025, 0.5), correlated with structural, dielectric and phonon properties. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29629-29640.	2.8	38
51	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, 23709-23714.	2.8	35
52	Temperature- and pressure-dependent studies of niccolite-type formate frameworks of [NH ₃ (CH ₂) ₄ NH ₃][M ₂ (HCOO) ₆] (M = Zn, Co, Fe). <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27613-27622.	2.8	19
53	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, 5744-5752.	2.6	28
54	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, 8462-8467.	2.8	37

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55	Electric Relaxation in Nb ₆ VSb ₃ O ₂₅ -Ceramics. <i>Acta Physica Polonica A</i> , 2016, 129, 355-358.	0.5	4
56	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.	3.6	18
57	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.	2.1	11
58	Adam-Gibbs model in the density scaling regime and its implications for the configurational entropy scaling. <i>Scientific Reports</i> , 2015, 5, 13998.	3.3	14
59	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, 3708-3712.	4.6	68
60	Fractional Debye–Stokes–Einstein behaviour in an ultraviscous nanocolloid: glycerol and silver nanoparticles. <i>Soft Matter</i> , 2015, 11, 5554-5562.	2.7	24
61	Decoupling between the Interfacial and Core Molecular Dynamics of Salol in 2D Confinement. <i>Journal of Physical Chemistry C</i> , 2015, 119, 14366-14374.	3.1	49
62	Does the Johari–Goldstein $\hat{\tau}^2$ -Relaxation Exist in Polypropylene Glycols?. <i>Macromolecules</i> , 2015, 48, 4151-4157.	4.8	10
63	General rules prospected for the liquid fragility in various material groups and different thermodynamic conditions. <i>Journal of Chemical Physics</i> , 2014, 141, 134507.	3.0	31
64	Dielectric and magnetic properties of CdMoO ₄ :Gd ³⁺ single crystal. <i>Journal of Alloys and Compounds</i> , 2014, 593, 230-234.	5.5	21
65	Oscillatory shear and high-pressure dielectric study of 5-methyl-3-heptanol. <i>Colloid and Polymer Science</i> , 2014, 292, 1913-1921.	2.1	42
66	High pressure polymerization of glycidol. Kinetics studies. <i>Polymer</i> , 2014, 55, 1984-1990.	3.8	13
67	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.	3.5	11
68	Kinetics and Dynamics of the Curing System. <i>High Pressure Studies. Macromolecules</i> , 2014, 47, 4288-4297.	4.8	24
69	New Strategy for the Synthesis of 3,4,5-trisubstituted Isoxazolines from Allyl Compounds. <i>Current Organic Chemistry</i> , 2014, 18, 2280-2296.	1.6	4
70	How do high pressures change the Debye process of 4-methyl-3-heptanol?. <i>Journal of Chemical Physics</i> , 2013, 139, 064501.	3.0	29
71	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.	2.8	22
72	Electrical and magnetic properties of CdRE ₂ W ₂ O ₁₀ tungstates (RE=Y, Nd, Sm, Gd–Er). <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 86-93.	4.0	21

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73	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.	7.8	31
74	Dielectric and magnetic permittivities of three new ceramic tungstates $\text{MPr}_2\text{W}_2\text{O}_{10}$ ($\text{M} = \text{Cd, Co, Mn}$). <i>Philosophical Magazine</i> , 2012, 92, 4167-4181.	1.6	26
75	Role of hydrogen bonds and molecular structure in relaxation dynamics of pentiol isomers. <i>Physical Review E</i> , 2012, 85, 052501.	2.1	11
76	High pressure study of molecular dynamics of protic ionic liquid lidocaine hydrochloride. <i>Journal of Chemical Physics</i> , 2012, 136, 224501.	3.0	28
77	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	19
78	Semiconducting Properties of Cu_5SbO_6 . <i>Acta Physica Polonica A</i> , 2012, 122, 1105-1107.	0.5	1
79	Dielectric Studies of the Mobility in Pentitols. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1062-1066.	2.6	11
80	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.	3.0	14
81	Glassy dynamics in the isotropic phase of a smectogenic liquid crystalline compound. <i>Physical Review E</i> , 2011, 84, 031710.	2.1	9
82	Communication: Thermodynamic scaling of the Debye process in primary alcohols. <i>Journal of Chemical Physics</i> , 2011, 134, 041103.	3.0	21
83	Molecular dynamics changes induced by solvent in 2-ethyl-1-hexanol. <i>Physical Review E</i> , 2011, 84, 031503.	2.1	21
84	Fragility versus activation volume: Insight into molecular dynamics of glass-forming hydrogen-bonded liquids. <i>Physical Review E</i> , 2011, 84, 052501.	2.1	10
85	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.	3.0	17
86	Microscopic origin of secondary modes observed in decahydroisoquinoline. <i>Journal of Molecular Structure</i> , 2010, 975, 200-204.	3.6	7
87	Note: New feedthrough insulation method for the dielectric spectroscopy under ultrahigh pressure conditions. <i>Review of Scientific Instruments</i> , 2010, 81, 066101.	1.3	3
88	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
89	Sub-Rouse Modes in Polymers Observed by Dielectric Spectroscopy. <i>Macromolecules</i> , 2010, 43, 3103-3106.	4.8	51
90	Dielectric and mechanical relaxation in isooctylcyanobiphenyl (8*OCB). <i>Journal of Physics Condensed Matter</i> , 2010, 22, 235101.	1.8	11

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91	Molecular Dynamics Changes Induced by Hydrostatic Pressure in a Supercooled Primary Alcohol. Journal of Physical Chemistry Letters, 2010, 1, 3249-3253.	4.6	41
92	Dielectric Relaxation and Crystallization Kinetics of Ibuprofen at Ambient and Elevated Pressure. Journal of Physical Chemistry B, 2010, 114, 6579-6593.	2.6	106
93	Influence of Pressure on Chain and Segmental Dynamics in Polyisoprene. Macromolecules, 2010, 43, 5845-5850.	4.8	14
94	Evidence for critical-like behavior in ultraslowing glass-forming systems. Physical Review E, 2010, 82, 031501.	2.1	33
95	Dynamic Crossover of Water Relaxation in Aqueous Mixtures: Effect of Pressure. Journal of Physical Chemistry Letters, 2010, 1, 1170-1175.	4.6	22
96	Transformation of the Strongly Hydrogen Bonded System into van der Waals one Reflected in Molecular Dynamics. NATO Science for Peace and Security Series A: Chemistry and Biology, 2010, , 359-376.	0.5	1
97	Influence of Pressure on Quasielastic Scattering in Glasses: Relationship to the Boson Peak. Physical Review Letters, 2009, 102, 145502.	7.8	16
98	Dielectric properties of two diastereoisomers of the arabinose and their equimolar mixture. Carbohydrate Research, 2009, 344, 2547-2553.	2.3	17
99	Dielectric Spectroscopy Investigation of Relaxation in C ₆₀ -Polyisoprene Nanocomposites. Macromolecules, 2009, 42, 3201-3206.	4.8	60
100	On the pressure dependence of the fragility of glycerol. Journal of Physics Condensed Matter, 2009, 21, 332101.	1.8	33
101	Influence of molecular weight on dynamic crossover temperature in linear polymers. Polymer, 2008, 49, 2918-2923.	3.8	26
102	Correlation between primary and secondary Johari-Goldstein relaxations in supercooled liquids: Invariance to changes in thermodynamic conditions. Journal of Chemical Physics, 2008, 128, 044512.	3.0	107
103	Electrical properties of $Pb_{1-x}Sn_x$ alloys. Physical Review B, 2008, 78, .	1.2	18
104	Role of Chemical Structure in Fragility of Polymers: A Qualitative Picture. Macromolecules, 2008, 41, 7232-7238.	4.8	294
105	Influence of Hydration on Protein Dynamics: Combining Dielectric and Neutron Scattering Spectroscopy Data. Journal of Physical Chemistry B, 2008, 112, 14273-14280.	2.6	165
106	Dielectric Studies on Mobility of the Glycosidic Linkage in Seven Disaccharides. Journal of Physical Chemistry B, 2008, 112, 12816-12823.	2.6	66
107	Conductivity in Hydrated Proteins: No Signs of the Fragile-to-Strong Crossover. Physical Review Letters, 2008, 100, 108103.	7.8	89
108	Pressure dependence of the dielectric loss minimum slope for ten molecular liquids. Philosophical Magazine, 2008, 88, 4101-4108.	1.6	14

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109	The origin of the dynamic transition in proteins. Journal of Chemical Physics, 2008, 128, 195106.	3.0	149
110	High pressure study on molecular mobility of leucrose. Journal of Chemical Physics, 2008, 129, 084501.	3.0	27
111	Confined liquid crystalline 5CB in 2D Thermodynamic Space – Preliminary Dielectric Relaxation Study. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2007, , 229-238.	0.1	2
112	Influence of Differences in Molecular structure on Behavior of α and β Relaxation Processes in Diisooctyl Maleate. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2007, , 149-159.	0.1	0
113	Properties of $(\text{Bi}_{1/9}\text{Na}_{2/3})(\text{Mn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ analysed within dielectric permittivity, conductivity, electric modulus and derivative techniques approach. Phase Transitions, 2006, 79, 447-460.	1.3	21
114	Anomalous Narrowing of the Structural Relaxation Dispersion of Tris(dimethylsiloxy)phenylsilane at Elevated Pressures. Journal of Physical Chemistry B, 2006, 110, 7678-7681.	2.6	10
115	Secondary dielectric relaxation in decahydroisoquinoline–cyclohexane mixture. Journal of Non-Crystalline Solids, 2006, 352, 4685-4689.	3.1	10
116	Changes of relaxation dynamics of a hydrogen-bonded glass former after removal of the hydrogen bonds. Journal of Chemical Physics, 2006, 125, 144507.	3.0	57
117	Dynamics crossover and dynamic scaling description in vitrification of orientationally disordered crystal. Physical Review B, 2006, 73, .	3.2	37
118	Effect of thermodynamic history on secondary relaxation in glassy phenolphthalein-dimethyl-ether. Physical Review B, 2006, 73, .	3.2	14
119	Pressure effects on the α and β relaxations in polymethylphenylsiloxane. Journal of Chemical Physics, 2006, 124, 104901.	3.0	42
120	Dielectric relaxation in compressed glassy and orientationally disordered mixed crystals. Physical Review B, 2006, 74, .	3.2	29
121	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. Journal of Chemical Physics, 2006, 124, 104505.	3.0	20
122	Emergence of a new feature in the high pressure–high temperature relaxation spectrum of tri-propylene glycol. Journal of Chemical Physics, 2005, 122, 061102.	3.0	13
123	Two secondary modes in decahydroisoquinoline: Which one is the true Johari Goldstein process?. Journal of Chemical Physics, 2005, 122, 234506.	3.0	48
124	Hydrogen bonding and secondary relaxations in propylene glycol trimer. Physical Review B, 2005, 72, .	3.2	18
125	Effect of glass structure on the dynamics of the secondary relaxation in diisobutyl and diisooctyl phthalates. Physical Review B, 2005, 72, .	3.2	27
126	Complex dynamics of supercooling n-butylcyanobiphenyl (4CB). Physical Review E, 2005, 72, 031501.	2.1	27

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127	Mode coupling behavior in glass-forming liquid crystalline isopentylcyanobiphenyl. Physical Review E, 2005, 71, 011508.	2.1	37
128	Dielectric relaxation processes in water mixtures of tripropylene glycol. Journal of Chemical Physics, 2005, 123, 204506.	3.0	27
129	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. Journal Physics D: Applied Physics, 2005, 38, 1450-1460.	2.8	215
130	Temperature behavior of secondary relaxation dynamics in tripropylene glycol. Physical Review B, 2005, 71, .	3.2	19
131	Effect of large hydrostatic pressure on the dielectric loss spectrum of type-Aglass formers. Physical Review E, 2004, 69, 050501.	2.1	43
132	Structural and Secondary Relaxations in Supercooled Di-n-butyl Phthalate and Diisobutyl Phthalate at Elevated Pressure. Journal of Physical Chemistry B, 2004, 108, 4997-5003.	2.6	50
133	Temperature and volume effects on the change of dynamics in propylene carbonate. Physical Review E, 2004, 70, 061501.	2.1	80
134	Segmental- and normal-mode dielectric relaxation of poly(propylene glycol) under pressure. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 3047-3052.	2.1	49
135	Does the Arrhenius Temperature Dependence of the Johari-Goldstein Relaxation Persist above T _g ?. Physical Review Letters, 2003, 91, 115701.	7.8	167
136	Nematic order parameter as determined from dielectric relaxation data and other methods. Physical Chemistry Chemical Physics, 2003, 5, 924-928.	2.8	39
137	Complex dielectric relaxation in supercooling and superpressing liquid-crystalline chiral isopentylcyanobiphenyl. Physical Review E, 2003, 68, 031705.	2.1	30
138	Test of the Einstein-Debye Relation in Supercooled Dibutylphthalate at Pressures up to 1.4 ÅGPa. Physical Review Letters, 2003, 90, 175702.	7.8	37
139	Changes in dynamic crossover with temperature and pressure in glass-forming diethyl phthalate. Physical Review E, 2003, 68, 021503.	2.1	65
140	Effect of Temperature and Pressure on Segmental Relaxation in Polymethylphenylsiloxane. Rubber Chemistry and Technology, 2003, 76, 1106-1115.	1.2	18
141	DTA and Dielectric Studies of a Substance with the Nematic, Smectic A, and Smectic C Polymorphism at Ambient and Elevated Pressures. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2003, 58, 333-340.	1.5	9
142	Dielectric Properties of 4-methoxy-4'-cyanobiphenyl (1 OCB) in the Supercooled Isotropic and Nematic Phases. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2003, 58, 357-362.	1.5	9
143	Temperature and pressure dependence of the τ_{\pm} -relaxation in polymethylphenylsiloxane. Journal of Chemical Physics, 2002, 116, 10932-10937.	3.0	65
144	Pressure and Temperature Dependence of the τ_{\pm} -Relaxation in Poly(methyltolylsiloxane). Macromolecules, 2002, 35, 7338-7342.	4.8	68

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145	Preliminary Studies on the Dielectric Permittivity in the Isotropic and Mesophase of Cholesteryl Oleyl Carbonate. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2002, 57, 126-128.	1.5	4
146	Pretransitional behavior of dielectric permittivity on approaching a clearing point in a mixture of nematogens with antagonistic configurations of dipoles. Physical Review E, 2001, 64, 051701.	2.1	19
147	Electrical and Magnetic Properties of $\text{Cu}_{2}\text{W}_{2}\text{O}_{10}$ and $\text{Cu}_{3}\text{Eu}_{2}\text{W}_{4}\text{O}_{18}$. Solid State Phenomena. O. 194. 104-107.	0.3	4