

Sebastian Pawlus

List of Publications by Year in descending order

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147
papers

4,094
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126708

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citing authors

#	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.	2.3	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.	2.0	6
3	Supramolecular Structure of Phenyl Derivatives of Butanol Isomers. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3563-3571.	1.2	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.	1.8	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.	2.8	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.	2.8	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.	1.5	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.	2.7	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.	2.1	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.	1.2	5
11	Stable and reversible pressure-controlled dielectric switching in dicyanide hybrid perovskite. <i>Applied Materials Today</i> , 2021, 22, 100957.	2.3	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.	2.3	11
13	Electrical and magnetic properties of ZnCr ₂ S ₄ nanoparticles. <i>Journal of Alloys and Compounds</i> , 2021, 861, 157973.	2.8	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.	1.3	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.	2.8	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.	2.3	10
17	Influence of interfacial stresses on electrical properties of bismuth manganite – lead titanate – epoxy composite. <i>Ceramics International</i> , 2021, 47, 34619-34619.	2.3	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.	1.3	9

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19	Glass-forming Schiff bases: Peculiar self-organizing systems with bifurcated hydrogen bonds. <i>Journal of Molecular Liquids</i> , 2021, , 118052.	2.3	2
20	Impedance, dielectric, and magnetic properties study of La ₂ CrMnO ₆ ceramics. <i>Ceramics International</i> , 2020, 46, 6368-6376.	2.3	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. <i>Chemical Physics</i> , 2020, 530, 110617.	0.9	11
22	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.	1.5	12
23	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.	2.3	21
24	Conformational analysis and molecular dynamics of glass-forming aromatic thiacycrown ethers. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 17948-17959.	1.3	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. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18714-18723.	1.5	17
26	Relaxing under pressure with a rigid niccolite formate framework. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16736-16741.	2.7	7
27	Dipole Relaxation in Semiconducting Zn _{2-2x} Mg _x In ₃ O ₁₁ Materials (Where x = 0.0, 0.4, 1.0, 1.6, and 2.0). <i>Materials</i> , 2020, 13, 2425.	1.3	1
28	Density Scaling Based Detection of Thermodynamic Regions of Complex Intermolecular Interactions Characterizing Supramolecular Structures. <i>Scientific Reports</i> , 2020, 10, 9316.	1.6	5
29	Hydrostatic pressure influence on electric relaxation response of bismuth manganite ceramics. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3732-3738.	1.9	7
30	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.	2.3	11
31	Combustion synthesis, structural, magnetic and dielectric properties of Gd ³⁺ -doped lead molybdate-tungstates. <i>Journal of Advanced Ceramics</i> , 2020, 9, 255-268.	8.9	15
32	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.	1.7	11
33	Role of intermolecular interactions and conformational changes in the polymorphism and vitrification process of 2,2'-bis-substituted <i>para</i> -terphenyls. <i>CrystEngComm</i> , 2020, 22, 3164-3178.	1.3	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. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23594-23603.	1.5	12
35	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.	4.0	25
36	Electric relaxation of superparamagnetic Gd-doped lead molybdate-tungstates. <i>Ceramics International</i> , 2019, 45, 4437-4447.	2.3	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.	1.2	7
38	How to align a nematic glassy phase – Different conditions – Different results. <i>Journal of Molecular Liquids</i> , 2019, 280, 314-318.	2.3	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.	0.2	0
40	Breakdown of the Simple Arrhenius Law in the Normal Liquid State. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1783-1787.	2.1	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.	1.2	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.	1.7	7
43	Inflection point in the Debye relaxation time of 2-butyl-1-octanol. <i>Journal of Chemical Physics</i> , 2018, 149, 214502.	1.2	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.	2.7	34
45	Verifying the Approximate Coinvariance of the τ_{\pm} and Johari-Goldstein τ^2 Relaxation Times to Variations of Pressure and Temperature in Polyisoprene. <i>Macromolecules</i> , 2018, 51, 4435-4443.	2.2	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.	1.6	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.	4.0	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.	1.6	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.	2.3	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.	1.3	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.	1.3	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.	1.3	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.	1.2	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.	1.3	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.	0.2	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.	1.7	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.	0.8	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.	1.6	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.	2.1	68
60	Fractional Debye–Stokes–Einstein behaviour in an ultraviscous nanocolloid: glycerol and silver nanoparticles. <i>Soft Matter</i> , 2015, 11, 5554-5562.	1.2	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.	1.5	49
62	Does the Johari–Goldstein $\hat{\tau}^2$ -Relaxation Exist in Polypropylene Glycols?. <i>Macromolecules</i> , 2015, 48, 4151-4157.	2.2	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.	1.2	31
64	Dielectric and magnetic properties of CdMoO ₄ :Gd ³⁺ single crystal. <i>Journal of Alloys and Compounds</i> , 2014, 593, 230-234.	2.8	21
65	Oscillatory shear and high-pressure dielectric study of 5-methyl-3-heptanol. <i>Colloid and Polymer Science</i> , 2014, 292, 1913-1921.	1.0	42
66	High pressure polymerization of glycidol. Kinetics studies. <i>Polymer</i> , 2014, 55, 1984-1990.	1.8	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.	1.7	11
68	Kinetics and Dynamics of the Curing System. <i>High Pressure Studies. Macromolecules</i> , 2014, 47, 4288-4297.	2.2	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.	0.9	4
70	How do high pressures change the Debye process of 4-methyl-3-heptanol?. <i>Journal of Chemical Physics</i> , 2013, 139, 064501.	1.2	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.	1.3	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.	1.9	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.	2.9	31
74	Dielectric and magnetic permittivities of three new ceramic tungstates $\text{MPr}_2\text{W}_2\text{O}_{10}$ (M = Cd, Co, Mn). <i>Philosophical Magazine</i> , 2012, 92, 4167-4181.	0.7	26
75	Role of hydrogen bonds and molecular structure in relaxation dynamics of pentiol isomers. <i>Physical Review E</i> , 2012, 85, 052501.	0.8	11
76	High pressure study of molecular dynamics of protic ionic liquid lidocaine hydrochloride. <i>Journal of Chemical Physics</i> , 2012, 136, 224501.	1.2	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.	0.7	19
78	Semiconducting Properties of Cu_5SbO_6 . <i>Acta Physica Polonica A</i> , 2012, 122, 1105-1107.	0.2	1
79	Dielectric Studies of the Mobility in Pentitols. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1062-1066.	1.2	11
80	Comment on "Slow Debye-type peak observed in the dielectric response of polyalcohols". <i>Chem. Phys.</i> 132, 044504 (2010)]. <i>Journal of Chemical Physics</i> , 2011, 134, 037101.	1.2	14
81	Glassy dynamics in the isotropic phase of a smectogenic liquid crystalline compound. <i>Physical Review E</i> , 2011, 84, 031710.	0.8	9
82	Communication: Thermodynamic scaling of the Debye process in primary alcohols. <i>Journal of Chemical Physics</i> , 2011, 134, 041103.	1.2	21
83	Molecular dynamics changes induced by solvent in 2-ethyl-1-hexanol. <i>Physical Review E</i> , 2011, 84, 031503.	0.8	21
84	Fragility versus activation volume: Insight into molecular dynamics of glass-forming hydrogen-bonded liquids. <i>Physical Review E</i> , 2011, 84, 052501.	0.8	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.	1.2	17
86	Microscopic origin of secondary modes observed in decahydroisoquinoline. <i>Journal of Molecular Structure</i> , 2010, 975, 200-204.	1.8	7
87	Note: New feedthrough insulation method for the dielectric spectroscopy under ultrahigh pressure conditions. <i>Review of Scientific Instruments</i> , 2010, 81, 066101.	0.6	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.	0.7	4
89	Sub-Rouse Modes in Polymers Observed by Dielectric Spectroscopy. <i>Macromolecules</i> , 2010, 43, 3103-3106.	2.2	51
90	Dielectric and mechanical relaxation in isooctylcyanobiphenyl (8*OCB). <i>Journal of Physics Condensed Matter</i> , 2010, 22, 235101.	0.7	11

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91	Molecular Dynamics Changes Induced by Hydrostatic Pressure in a Supercooled Primary Alcohol. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3249-3253.	2.1	41
92	Dielectric Relaxation and Crystallization Kinetics of Ibuprofen at Ambient and Elevated Pressure. <i>Journal of Physical Chemistry B</i> , 2010, 114, 6579-6593.	1.2	106
93	Influence of Pressure on Chain and Segmental Dynamics in Polyisoprene. <i>Macromolecules</i> , 2010, 43, 5845-5850.	2.2	14
94	Evidence for critical-like behavior in ultraslowing glass-forming systems. <i>Physical Review E</i> , 2010, 82, 031501.	0.8	33
95	Dynamic Crossover of Water Relaxation in Aqueous Mixtures: Effect of Pressure. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1170-1175.	2.1	22
96	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.	0.5	1
97	Influence of Pressure on Quasielastic Scattering in Glasses: Relationship to the Boson Peak. <i>Physical Review Letters</i> , 2009, 102, 145502.	2.9	16
98	Dielectric properties of two diastereoisomers of the arabinose and their equimolar mixture. <i>Carbohydrate Research</i> , 2009, 344, 2547-2553.	1.1	17
99	Dielectric Spectroscopy Investigation of Relaxation in C ₆₀ ~Polyisoprene Nanocomposites. <i>Macromolecules</i> , 2009, 42, 3201-3206.	2.2	60
100	On the pressure dependence of the fragility of glycerol. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 332101.	0.7	33
101	Influence of molecular weight on dynamic crossover temperature in linear polymers. <i>Polymer</i> , 2008, 49, 2918-2923.	1.8	26
102	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.	1.2	107
103	Electrical properties of $\langle \text{Pb} \rangle_{\text{Pb}}^{\text{Pb}}$. <i>Physical Review B</i> , 2008, 78, .	1.8	18
104	Role of Chemical Structure in Fragility of Polymers: A Qualitative Picture. <i>Macromolecules</i> , 2008, 41, 7232-7238.	2.2	294
105	Influence of Hydration on Protein Dynamics: Combining Dielectric and Neutron Scattering Spectroscopy Data. <i>Journal of Physical Chemistry B</i> , 2008, 112, 14273-14280.	1.2	165
106	Dielectric Studies on Mobility of the Glycosidic Linkage in Seven Disaccharides. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12816-12823.	1.2	66
107	Conductivity in Hydrated Proteins: No Signs of the Fragile-to-Strong Crossover. <i>Physical Review Letters</i> , 2008, 100, 108103.	2.9	89
108	Pressure dependence of the dielectric loss minimum slope for ten molecular liquids. <i>Philosophical Magazine</i> , 2008, 88, 4101-4108.	0.7	14

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109	The origin of the dynamic transition in proteins. <i>Journal of Chemical Physics</i> , 2008, 128, 195106.	1.2	149
110	High pressure study on molecular mobility of leucrose. <i>Journal of Chemical Physics</i> , 2008, 129, 084501.	1.2	27
111	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.	0.1	2
112	Influence of Differences in Molecular structure on Behavior of $\hat{\tau}^2$ Relaxation Processes in Diisooctyl Maleate. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 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. <i>Phase Transitions</i> , 2006, 79, 447-460.	0.6	21
114	Anomalous Narrowing of the Structural Relaxation Dispersion of Tris(dimethylsiloxy)phenylsilane at Elevated Pressures. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7678-7681.	1.2	10
115	Secondary dielectric relaxation in decahydroisoquinoline–cyclohexane mixture. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 4685-4689.	1.5	10
116	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.	1.2	57
117	Dynamics crossover and dynamic scaling description in vitrification of orientationally disordered crystal. <i>Physical Review B</i> , 2006, 73, .	1.1	37
118	Effect of thermodynamic history on secondary relaxation in glassy phenolphthalein-dimethyl-ether. <i>Physical Review B</i> , 2006, 73, .	1.1	14
119	Pressure effects on the $\hat{\tau}_\pm$ and $\hat{\tau}_\pm^2$ relaxations in polymethylphenylsiloxane. <i>Journal of Chemical Physics</i> , 2006, 124, 104901.	1.2	42
120	Dielectric relaxation in compressed glassy and orientationally disordered mixed crystals. <i>Physical Review B</i> , 2006, 74, .	1.1	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. <i>Journal of Chemical Physics</i> , 2006, 124, 104505.	1.2	20
122	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.	1.2	13
123	Two secondary modes in decahydroisoquinoline: Which one is the true Johari Goldstein process?. <i>Journal of Chemical Physics</i> , 2005, 122, 234506.	1.2	48
124	Hydrogen bonding and secondary relaxations in propylene glycol trimer. <i>Physical Review B</i> , 2005, 72, .	1.1	18
125	Effect of glass structure on the dynamics of the secondary relaxation in diisobutyl and diisooctyl phthalates. <i>Physical Review B</i> , 2005, 72, .	1.1	27
126	Complex dynamics of supercooling n-butylcyanobiphenyl (4CB). <i>Physical Review E</i> , 2005, 72, 031501.	0.8	27

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127	Mode coupling behavior in glass-forming liquid crystalline isopentylcyanobiphenyl. <i>Physical Review E</i> , 2005, 71, 011508.	0.8	37
128	Dielectric relaxation processes in water mixtures of tripropylene glycol. <i>Journal of Chemical Physics</i> , 2005, 123, 204506.	1.2	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. <i>Journal Physics D: Applied Physics</i> , 2005, 38, 1450-1460.	1.3	215
130	Temperature behavior of secondary relaxation dynamics in tripropylene glycol. <i>Physical Review B</i> , 2005, 71, .	1.1	19
131	Effect of large hydrostatic pressure on the dielectric loss spectrum of type-A glass formers. <i>Physical Review E</i> , 2004, 69, 050501.	0.8	43
132	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.	1.2	50
133	Temperature and volume effects on the change of dynamics in propylene carbonate. <i>Physical Review E</i> , 2004, 70, 061501.	0.8	80
134	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.	2.4	49
135	Does the Arrhenius Temperature Dependence of the Johari-Goldstein Relaxation Persist above T _g ?. <i>Physical Review Letters</i> , 2003, 91, 115701.	2.9	167
136	Nematic order parameter as determined from dielectric relaxation data and other methods. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 924-928.	1.3	39
137	Complex dielectric relaxation in supercooling and superpressing liquid-crystalline chiral isopentylcyanobiphenyl. <i>Physical Review E</i> , 2003, 68, 031705.	0.8	30
138	Test of the Einstein-Debye Relation in Supercooled Dibutylphthalate at Pressures up to 1.4 GPa. <i>Physical Review Letters</i> , 2003, 90, 175702.	2.9	37
139	Changes in dynamic crossover with temperature and pressure in glass-forming diethyl phthalate. <i>Physical Review E</i> , 2003, 68, 021503.	0.8	65
140	Effect of Temperature and Pressure on Segmental Relaxation in Polymethylphenylsiloxane. <i>Rubber Chemistry and Technology</i> , 2003, 76, 1106-1115.	0.6	18
141	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.	0.7	9
142	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.	0.7	9
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