

Ranko Richert

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.

280
papers

12,311
citations

59
h-index

100
g-index

284
ext. papers

12,852
ext. citations

4
avg, IF

6.85
L-index

#	Paper	IF	Citations
280	A liquid with distinct metastable structures: Supercooled butyronitrile.. <i>Journal of Chemical Physics</i> , 2022 , 156, 044501	3.9	
279	Silicone Materials for Electrical Insulation: A Dielectric Study of Oil versus Gel. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2022 , 1-1	2.3	1
278	Structures of glasses created by multiple kinetic arrests.. <i>Journal of Chemical Physics</i> , 2022 , 156, 084504	3.9	
277	Strong increase of correlations in liquid glycerol observed by nonlinear dielectric techniques.. <i>Journal of Chemical Physics</i> , 2022 , 156, 171102	3.9	0
276	High electric fields elucidate the hydrogen-bonded structures in 1-phenyl-1-propanol. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115626	6	2
275	Controlling the Columnar Order in a Discotic Liquid Crystal by Kinetic Arrest of Disc Tumbling. <i>Chemistry of Materials</i> , 2021 , 33, 4757-4764	9.6	4
274	AC DC field effects on the crystallization behavior of a molecular liquid, vinyl ethylene carbonate (VEC). <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 498-505	3.6	1
273	Using derivative plots to ascertain fragilities of glass-formers. <i>Journal of Non-Crystalline Solids</i> , 2021 , 553, 120478	3.9	1
272	Polyamorphism in vapor-deposited 2-methyltetrahydrofuran: A broadband dielectric relaxation study. <i>Journal of Chemical Physics</i> , 2021 , 154, 024502	3.9	2
271	Dielectric Spectroscopy at High Electric Fields. <i>ACS Symposium Series</i> , 2021 , 91-104	0.4	
270	Quantifying dielectric permittivities in the nonlinear regime. <i>Journal of Physics Condensed Matter</i> , 2021 , 33,	1.8	2
269	Structural Relaxation and Recovery: A Dielectric Approach. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 8465-8469	6.4	6
268	A new method for determining the d.c. conductivity of powdered materials. <i>Journal of Non-Crystalline Solids: X</i> , 2021 , 11-12, 100066	2.5	
267	New experimental approach to nonlinear dielectric effects in the static limit. <i>Journal of Molecular Liquids</i> , 2021 , 340, 117107	6	2
266	Bimodal crystallization rate curves of a molecular liquid with Field-Induced polymorphism. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117419	6	0
265	Frequency of the AC Electric Field Determines How a Molecular Liquid Crystallizes. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 3975-3979	6.4	4
264	Experimental evidence on the effect of substrate roughness on segmental dynamics of confined polymer films. <i>Polymer</i> , 2020 , 199, 122501	3.9	6

263	Watching the Polymorphic Transition from a Field-Induced to a Stable Crystal by Dielectric Techniques. <i>Crystal Growth and Design</i> , 2020 , 20, 5406-5412	3.5	0
262	Reorientation Times for Solid-State Electrolyte Solvents and Electrolytes from NMR Spin-Lattice Relaxation Studies. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 3301-3304	6.4	3
261	Entropic Nature of the Debye Relaxation in Glass-Forming Monoalcohols. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 5792-5797	6.4	4
260	Organic glasses with tunable liquid-crystalline order through kinetic arrest of end-over-end rotation: the case of saperconazole. <i>Soft Matter</i> , 2020 , 16, 2025-2030	3.6	5
259	Dynamics of Pyrrolidinium-Based Ionic Liquids under Confinement. I. Analysis of Dielectric Permittivity. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 5389-5394	3.8	7
258	Relation of Ionic Conductivity to Solvent Rotation Times in Dinitrile Plastic Crystal Solvents. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 070553	3.9	3
257	Mechanical and dielectric response within and beyond the linear regime. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 494001	1.8	
256	In situ observation of fast surface dynamics during the vapor-deposition of a stable organic glass. <i>Soft Matter</i> , 2020 , 16, 10860-10864	3.6	4
255	Dynamics of Pyrrolidinium-Based Ionic Liquids under Confinement. II. The Effects of Pore Size, Inner Surface, and Cationic Alkyl Chain Length. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 5395-5408	3.8	10
254	Control of Crystallization Pathways by Electric Fields. <i>Advances in Dielectrics</i> , 2020 , 149-167	0.6	1
253	Physical vapor deposition of a polyamorphic system: Triphenyl phosphite. <i>Journal of Chemical Physics</i> , 2020 , 153, 124511	3.9	4
252	Ultrastable and polyamorphic states of vapor-deposited 2-methyltetrahydrofuran. <i>Journal of Chemical Physics</i> , 2019 , 150, 214502	3.9	9
251	Structural recovery and fictive variables: The fictive electric field. <i>Thermochimica Acta</i> , 2019 , 677, 54-59	2.9	5
250	Relationship between aged and vapor-deposited organic glasses: Secondary relaxations in methyl-m-toluate. <i>Journal of Chemical Physics</i> , 2019 , 151, 144502	3.9	7
249	Dielectric properties of vapor-deposited propylbenzenes. <i>Journal of Chemical Physics</i> , 2019 , 151, 174503	3.9	2
248	Nonlinear Dielectric Spectroscopy. <i>Advances in Dielectrics</i> , 2018 ,	0.6	13
247	Effects of Strong Static Fields on the Dielectric Relaxation of Supercooled Liquids. <i>Advances in Dielectrics</i> , 2018 , 101-125	0.6	1
246	Nonresonant Spectral Hole Burning in Liquids and Solids. <i>Advances in Dielectrics</i> , 2018 , 127-185	0.6	4

245	Rate exchange rather than relaxation controls structural recovery. <i>Physical Chemistry Chemical Physics</i> , 2018 , 21, 32-37	3.6	11
244	Formation of new polymorphs and control of crystallization in molecular glass-formers by electric field. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 925-931	3.6	18
243	Perspective: Nonlinear approaches to structure and dynamics of soft materials. <i>Journal of Chemical Physics</i> , 2018 , 149, 240901	3.9	14
242	Fundamental Link between Relaxation, Excess Wings, and Cage-Breaking in Metallic Glasses. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 5877-5883	6.4	32
241	Relaxation time and excess entropy in viscous liquids: Electric field versus temperature as control parameter. <i>Journal of Chemical Physics</i> , 2017 , 146, 064501	3.9	9
240	Nonlinear dielectric effects in liquids: a guided tour. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 363001	3.8	28
239	Modifying hydrogen-bonded structures by physical vapor deposition: 4-methyl-3-heptanol. <i>Journal of Chemical Physics</i> , 2017 , 147, 194504	3.9	8
238	Structural rearrangements governing Johari-Goldstein relaxations in metallic glasses. <i>Science Advances</i> , 2017 , 3, e1701577	14.3	89
237	Dynamics of supercooled liquid and plastic crystalline ethanol: Dielectric relaxation and AC nanocalorimetry distinguish structural and Debye relaxation processes. <i>Journal of Chemical Physics</i> , 2017 , 147, 014502	3.9	20
236	Nonlinear dielectric features of highly polar glass formers: Derivatives of propylene carbonate. <i>Journal of Chemical Physics</i> , 2017 , 147, 224501	3.9	12
235	Electrorheological Source of Nonlinear Dielectric Effects in Molecular Glass-Forming Liquids. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 7737-44	3.4	24
234	Non-linear dielectric signatures of entropy changes in liquids subject to time dependent electric fields. <i>Journal of Chemical Physics</i> , 2016 , 144, 114501	3.9	22
233	Role of quantum fluctuations in structural dynamics of liquids of light molecules. <i>Journal of Chemical Physics</i> , 2016 , 145, 234507	3.9	2
232	Communication: Temperature derivative of the dielectric constant gives access to multipoint correlations in polar liquids. <i>Journal of Chemical Physics</i> , 2016 , 144, 041102	3.9	19
231	Dynamics of glass-forming liquids. XX. Third harmonic experiments of non-linear dielectric effects versus a phenomenological model. <i>Journal of Chemical Physics</i> , 2016 , 145, 064510	3.9	24
230	Field induced changes in the ring/chain equilibrium of hydrogen bonded structures: 5-methyl-3-heptanol. <i>Journal of Chemical Physics</i> , 2016 , 145, 074503	3.9	15
229	Connecting thermodynamics and dynamics in a supercooled liquid: Cresolphthalein-dimethylether. <i>Thermochimica Acta</i> , 2016 , 636, 57-62	2.9	19
228	Correlation between Viscoelastic Moduli and Atomic Rearrangements in Metallic Glasses. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 3747-3751	6.4	13

227	Quantum effects in the dynamics of deeply supercooled water. <i>Physical Review E</i> , 2015 , 91, 022312	2.4	17
226	On the existence of and mechanism for microwave-specific reaction rate enhancement. <i>Chemical Science</i> , 2015 , 6, 2144-2152	9.4	165
225	Probing liquid dynamics, one molecule at a time. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4841-2	11.5	6
224	Dopant effects on 2-ethyl-1-hexanol: a dual-channel impedance spectroscopy and neutron scattering study. <i>Journal of Chemical Physics</i> , 2015 , 142, 014501	3.9	8
223	Structural recovery in plastic crystals by time-resolved non-linear dielectric spectroscopy. <i>Journal of Chemical Physics</i> , 2015 , 142, 154504	3.9	19
222	Thermal stability of vapor-deposited stable glasses of an organic semiconductor. <i>Journal of Chemical Physics</i> , 2015 , 142, 134504	3.9	37
221	Unified Criterion for Temperature-Induced and Strain-Driven Glass Transitions in Metallic Glass. <i>Physical Review Letters</i> , 2015 , 115, 135701	7.4	28
220	Suppression of β -Relaxation in Vapor-Deposited Ultrastable Glasses. <i>Physical Review Letters</i> , 2015 , 115, 185501	7.4	97
219	Dynamics of glass-forming liquids. XIX. Rise and decay of field induced anisotropy in the non-linear regime. <i>Journal of Chemical Physics</i> , 2015 , 143, 104504	3.9	27
218	Strain induced fragility transition in metallic glass. <i>Nature Communications</i> , 2015 , 6, 7179	17.4	25
217	Dynamics in Supercooled Secondary Amide Mixtures: Dielectric and Hydrogen Bond Specific Spectroscopies. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 15769-79	3.4	12
216	Dynamics of glass-forming liquids. XVIII. Does entropy control structural relaxation times?. <i>Journal of Chemical Physics</i> , 2015 , 142, 044504	3.9	35
215	Nonlinear Dielectric Behavior of a Secondary Relaxation: Glassy D-Sorbitol. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 8909-16	3.4	10
214	Fast crystal growth from organic glasses: comparison of o-terphenyl with its structural analogs. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 8203-9	3.4	15
213	Structure and dynamics of monohydroxy alcohols: Milestones towards their microscopic understanding, 100 years after Debye. <i>Physics Reports</i> , 2014 , 545, 125-195	27.7	182
212	Role of fragility in the formation of highly stable organic glasses. <i>Physical Review Letters</i> , 2014 , 113, 045901	9.0	54
211	Dielectric loss of poly(vinylacetate) at electric fields of 400 kV/cm. <i>Colloid and Polymer Science</i> , 2014 , 292, 1905-1911	2.4	8
210	Dielectric spectroscopy study of myoglobin in glycerol-water mixtures. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 323-9	4	10

209	Limitations of heterogeneous models of liquid dynamics: very slow rate exchange in the excess wing. <i>Journal of Chemical Physics</i> , 2014 , 140, 054503	3.9	31
208	Supercooled Liquids and Glasses by Dielectric Relaxation Spectroscopy. <i>Advances in Chemical Physics</i> , 2014 , 101-195		36
207	Comment on "Third order susceptibilities in supercooled liquids and the 'box model' theory versus experiments" [J. Chem. Phys. 140, 054508 (2014)]. <i>Journal of Chemical Physics</i> , 2014 , 140, 247101	3.9	3
206	Anomalously large isotope effect in the glass transition of water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 17402-7	11.5	47
205	Measurement of conductivity and permittivity on samples sealed in nuclear magnetic resonance tubes. <i>Review of Scientific Instruments</i> , 2013 , 84, 073906	1.7	5
204	Frequency dependence of dielectric saturation. <i>Physical Review E</i> , 2013 , 88, 062313	2.4	15
203	On the derivation of equilibrium relaxation times from aging experiments. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 12689-94	3.4	16
202	Dynamics of glass-forming liquids. XVI. Observation of ultrastable glass transformation via dielectric spectroscopy. <i>Journal of Chemical Physics</i> , 2013 , 138, 12A519	3.9	34
201	Dynamics of glass-forming liquids. XVII. Dielectric relaxation and intermolecular association in a series of isomeric octyl alcohols. <i>Journal of Chemical Physics</i> , 2013 , 139, 144503	3.9	45
200	Comment on "Temperature divergence of the dynamics of a poly(vinyl acetate) glass: dielectric vs. mechanical behaviors" [J. Chem. Phys. 136, 154901 (2012)]. <i>Journal of Chemical Physics</i> , 2013 , 139, 137101	3.9	17
199	Molecular mobility in supported thin films of polystyrene, poly(methyl methacrylate), and poly(2-vinyl pyridine) probed by dye reorientation. <i>Soft Matter</i> , 2012 , 8, 819-826	3.6	106
198	Watching hydrogen-bonded structures in an alcohol convert from rings to chains. <i>Physical Review Letters</i> , 2012 , 109, 167802	7.4	94
197	Dielectric spectroscopy of thin films by dual-channel impedance measurements on differential interdigitated electrode arrays. <i>European Physical Journal B</i> , 2012 , 85, 1	1.2	19
196	On the dynamics of liquids in their viscous regime approaching the glass transition. <i>European Physical Journal E</i> , 2012 , 35, 65	1.5	14
195	Supercooled Liquid Dynamics: Advances and Challenges 2012 , 1-30		10
194	Two-channel impedance spectroscopy for the simultaneous measurement of two samples. <i>Review of Scientific Instruments</i> , 2012 , 83, 033903	1.7	8
193	Enthalpy recovery in glassy materials: heterogeneous versus homogenous models. <i>Journal of Chemical Physics</i> , 2012 , 136, 174515	3.9	23
192	Molecular packing in highly stable glasses of vapor-deposited tris-naphthylbenzene isomers. <i>Journal of Chemical Physics</i> , 2012 , 136, 094505	3.9	54

191	Response to Comment on Dynamics of glass-forming liquids. XIII. Microwave heating in slow motion' [J. Chem. Phys. 137, 027101 (2012)]. <i>Journal of Chemical Physics</i> , 2012 , 137, 027102	3.9	2
190	Experimental studies of Debye-like process and structural relaxation in mixtures of 2-ethyl-1-hexanol and 2-ethyl-1-hexyl bromide. <i>Journal of Chemical Physics</i> , 2012 , 137, 144502	3.9	36
189	Calorimetry based on energy absorbed from time-dependent fields. <i>Journal of Non-Crystalline Solids</i> , 2011 , 357, 726-730	3.9	10
188	On the features of the secondary relaxations: The case of cyclohexane derivatives. <i>Journal of Non-Crystalline Solids</i> , 2011 , 357, 264-266	3.9	4
187	Dielectric properties of epoxy based nanocomposites for high voltage insulation. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2011 , 18, 659-666	2.3	92
186	Dynamics of nanoconfined supercooled liquids. <i>Annual Review of Physical Chemistry</i> , 2011 , 62, 65-84	15.7	187
185	On the level of mechanical loss in metallic glasses. <i>European Physical Journal B</i> , 2011 , 80, 325-329	1.2	
184	Heating liquid dielectrics by time dependent fields. <i>European Physical Journal B</i> , 2011 , 83, 429-435	1.2	29
183	Reverse calorimetry of a supercooled liquid: Propylene carbonate. <i>Thermochimica Acta</i> , 2011 , 522, 28-35	2.9	27
182	Appearance of a Debye process at the conductivity relaxation frequency of a viscous liquid. <i>Journal of Chemical Physics</i> , 2011 , 134, 104508	3.9	65
181	Heat capacity in the glass transition range modeled on the basis of heterogeneous dynamics. <i>Journal of Chemical Physics</i> , 2011 , 134, 144501	3.9	20
180	Dynamics of glass-forming liquids. XV. Dynamical features of molecular liquids that form ultra-stable glasses by vapor deposition. <i>Journal of Chemical Physics</i> , 2011 , 135, 124515	3.9	43
179	Experimental approaches to heterogeneous dynamics 2011 , 152-202		8
178	Comment on "Hidden slow dynamics in water". <i>Physical Review Letters</i> , 2010 , 104, 249801; author reply 249802	7.4	20
177	Glass transition and fragility in the simple molecular glassformer CS(2) from CS(2)-S(2)Cl(2) solution studies. <i>Journal of Chemical Physics</i> , 2010 , 132, 154505	3.9	1
176	Wang and Richert Reply:. <i>Physical Review Letters</i> , 2010 , 104,	7.4	5
175	Capacitive measurement of mercury column heights in capillaries. <i>Review of Scientific Instruments</i> , 2010 , 81, 034702	1.7	
174	Structural relaxation dynamics in binary glass-forming molecular liquids with ideal and complex mixing behavior. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 3618-22	3.4	42

173	Time-resolved non-linear dielectric responses in molecular systems. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 787-793	3.9	9
172	Physical aging and heterogeneous dynamics. <i>Physical Review Letters</i> , 2010 , 104, 085702	7.4	51
171	Dynamics of glass-forming liquids. XIV. A search for ultraslow dielectric relaxation in glycerol. <i>Journal of Chemical Physics</i> , 2010 , 133, 074502	3.9	27
170	Dynamic coupling of a small rigid probe to viscous ortho-terphenyl. <i>Journal of Chemical Physics</i> , 2010 , 133, 214501	3.9	7
169	Dielectric spectroscopy and dynamics in confinement. <i>European Physical Journal: Special Topics</i> , 2010 , 189, 37-46	2.3	32
168	Confinement effects in bulk supercooled liquids. <i>European Physical Journal: Special Topics</i> , 2010 , 189, 223-229	2.3	10
167	Viscous nonpolar liquids in confinement studied by mechanical solvation. <i>Journal of Chemical Physics</i> , 2009 , 131, 084710	3.9	8
166	Dynamical and quasistatic structural relaxation paths in Pd40Ni40P20 glass. <i>Applied Physics Letters</i> , 2009 , 95, 201903	3.4	19
165	Diffusion-controlled and "diffusionless" crystal growth near the glass transition temperature: relation between liquid dynamics and growth kinetics of seven ROY polymorphs. <i>Journal of Chemical Physics</i> , 2009 , 131, 074506	3.9	42
164	Reverse dynamic calorimetry of a viscous ionic liquid. <i>Journal of Chemical Physics</i> , 2009 , 131, 184501	3.9	16
163	Insulated electrodes for eliminating conductivity in dielectric relaxation experiments. <i>European Physical Journal B</i> , 2009 , 68, 197-200	1.2	36
162	Dynamics of glass-forming liquids. XIII. Microwave heating in slow motion. <i>Journal of Chemical Physics</i> , 2009 , 130, 194509	3.9	82
161	Prevalence of approximate square root(t) relaxation for the dielectric alpha process in viscous organic liquids. <i>Journal of Chemical Physics</i> , 2009 , 130, 154508	3.9	69
160	Dynamics of glass-forming liquids. XII. Dielectric study of primary and secondary relaxations in ethylcyclohexane. <i>Journal of Chemical Physics</i> , 2008 , 128, 124505	3.9	31
159	The physics of heating by time-dependent fields: microwaves and water revisited. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 9909-13	3.4	68
158	Heat Capacity and Entropy at the Glass Transition. <i>AIP Conference Proceedings</i> , 2008 ,	0	4
157	On the features of the dielectric response of supercooled ethylcyclohexane. <i>Philosophical Magazine</i> , 2008 , 88, 3961-3971	1.6	13
156	Merging of the β and β' relaxations and aging via the Johari-Goldstein modes in rapidly quenched metallic glasses. <i>Applied Physics Letters</i> , 2008 , 92, 131911	3.4	85

155	Why retardation takes more time than relaxation in a linear medium. <i>Physical Review E</i> , 2008 , 77, 031201	2.4	31
154	Calorimetric versus kinetic glass transitions in viscous monohydroxy alcohols. <i>Journal of Chemical Physics</i> , 2008 , 128, 084503	3.9	76
153	Glass Transitions in Viscous Monohydroxy Alcohols: Calorimetry Versus Dielectric Relaxation. <i>International Journal of Thermophysics</i> , 2008 , 29, 2055-2061	2.1	5
152	On the harmonic analysis of non-linear dielectric effects. <i>European Physical Journal B</i> , 2008 , 66, 217-221	1.2	18
151	Dielectric study of probe rotation in viscous liquids. <i>Philosophical Magazine</i> , 2007 , 87, 371-382	1.6	21
150	Glass transition dynamics and boiling temperatures of molecular liquids and their isomers. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 3201-7	3.4	42
149	Confined viscous liquids: Interfacial versus finite size effects. <i>European Physical Journal: Special Topics</i> , 2007 , 141, 3-9	2.3	21
148	Enhanced diffusivity in supercooled liquids. <i>New Journal of Physics</i> , 2007 , 9, 36-36	2.9	50
147	Probing heterogeneous thermal relaxation by nonlinear dielectric spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 205128	1.8	6
146	Primary and secondary relaxation time dispersions in fragile supercooled liquids. <i>Physical Review B</i> , 2007 , 76,	3.3	57
145	Measuring the configurational heat capacity of liquids. <i>Physical Review Letters</i> , 2007 , 99, 185701	7.4	95
144	Nonlinear features in the dielectric behavior of propylene glycol. <i>Physical Review B</i> , 2007 , 75,	3.3	66
143	Wide frequency range capacitive detection of loss in a metallic cantilever using resonance and relaxation modes. <i>Review of Scientific Instruments</i> , 2007 , 78, 053901	1.7	1
142	Comparing calorimetric and dielectric polarization modes in viscous 2-ethyl-1-hexanol. <i>Journal of Chemical Physics</i> , 2007 , 126, 104503	3.9	104
141	Solvation dynamics and electric field relaxation in an imidazolium-PF6 ionic liquid: from room temperature to the glass transition. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 5016-22	3.4	82
140	Response to Comment on On the dielectric susceptibility spectra of supercooled o-terphenyl[J. Chem. Phys. 123, 154502 (2005)]. <i>Journal of Chemical Physics</i> , 2006 , 124, 187102	3.9	1
139	Solvation dynamics in viscous polymer solution: Propylene carbonate confined by poly(methylmethacrylate). <i>Physical Review B</i> , 2006 , 74,	3.3	6
138	Enhanced translational diffusion of rubrene in sucrose benzoate. <i>Journal of Chemical Physics</i> , 2006 , 124, 14510	3.9	37

137	Dynamics of glass-forming liquids. XI. Fluctuating environments by dielectric spectroscopy. <i>Journal of Chemical Physics</i> , 2006 , 124, 164510	3.9	37
136	Solvent response and dielectric relaxation in supercooled butyronitrile. <i>Journal of Chemical Physics</i> , 2006 , 125, 24504	3.9	26
135	Fragility and thermodynamics in nonpolymeric glass-forming liquids. <i>Journal of Chemical Physics</i> , 2006 , 125, 074505	3.9	229
134	Dynamics of a supercooled ionic liquid studied by optical and dielectric spectroscopy. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 4371-7	3.4	61
133	From heterogeneous probe rotation to the hydrodynamic limit. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 4704-4709	3.9	7
132	Relaxational features of supercooled and glassy m-toluidine. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 4729-4734	3.9	16
131	Nonlinear dielectric response and thermodynamic heterogeneity in liquids. <i>Physical Review Letters</i> , 2006 , 97, 095703	7.4	101
130	Triplet excitation transfer in glassy systems: spatial and spectral diffusion. <i>Journal of Chemical Physics</i> , 2005 , 122, 234508	3.9	3
129	Ideal mixing behavior of the debye process in supercooled monohydroxy alcohols. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 8767-73	3.4	38
128	Diluent effects on the Debye-type dielectric relaxation in viscous monohydroxy alcohols. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 23255-62	3.4	45
127	Debye type dielectric relaxation and the glass transition of alcohols. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 11091-4	3.4	66
126	Dielectric responses in disordered systems: From molecules to materials. <i>Journal of Non-Crystalline Solids</i> , 2005 , 351, 2716-2722	3.9	8
125	Effect of dispersion on the relaxation-retardation time scale ratio. <i>Journal of Chemical Physics</i> , 2005 , 123, 106101	3.9	20
124	Dynamics of glass-forming liquids. X. Dielectric relaxation of 3-bromopentane as molecular probes in 3-methylpentane. <i>Journal of Chemical Physics</i> , 2005 , 123, 164504	3.9	22
123	Heterogeneous thermal excitation and relaxation in supercooled liquids. <i>Journal of Chemical Physics</i> , 2005 , 123, 224506	3.9	18
122	Identification of dielectric and structural relaxations in glass-forming secondary amides. <i>Journal of Chemical Physics</i> , 2005 , 123, 054516	3.9	56
121	On the dielectric susceptibility spectra of supercooled o-terphenyl. <i>Journal of Chemical Physics</i> , 2005 , 123, 154502	3.9	86
120	Dynamics of glassy and liquid m-toluidine investigated by high-resolution dielectric spectroscopy. <i>Journal of Chemical Physics</i> , 2005 , 122, 84508	3.9	30

119	Dynamics of supercooled liquids in the vicinity of soft and hard interfaces. <i>Physical Review B</i> , 2005 , 71,	3.3	53
118	Dielectric studies deny existence of ultraviscous fragile water. <i>Physical Review Letters</i> , 2004 , 93, 215703	7.4	47
117	Dynamics of glass-forming liquids. VIII. Dielectric signature of probe rotation and bulk dynamics in branched alkanes. <i>Journal of Chemical Physics</i> , 2004 , 121, 8960-7	3.9	35
116	Intracellular glass transition and liquid dynamics in soft confinement. <i>Physical Review Letters</i> , 2004 , 92, 095701	7.4	49
115	Exponential probe rotation in glass-forming liquids. <i>Journal of Chemical Physics</i> , 2004 , 120, 11082-9	3.9	73
114	Binary Glass-Forming Materials: Mixtures of Sorbitol and Glycerol <i>Journal of Physical Chemistry B</i> , 2004 , 108, 10451-10456	3.4	37
113	Dielectric Relaxation in Aqueous Solutions of Hydrazine and Hydrogen Peroxide: Water Structure Implications <i>Journal of Physical Chemistry B</i> , 2004 , 108, 19825-19830	3.4	15
112	Dynamics of glass-forming liquids. IX. Structural versus dielectric relaxation in monohydroxy alcohols. <i>Journal of Chemical Physics</i> , 2004 , 121, 11170-6	3.9	111
111	Spatially Resolved Dynamics of Supercooled Liquids Confined in Porous Glasses: Importance of the Liquid-Glass Interface. <i>ACS Symposium Series</i> , 2004 , 181-192	0.4	
110	Solvation dynamics of molecular glass-forming liquids in confinement. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, S1041-S1050	1.8	9
109	Solvation dynamics in the plastic crystal and supercooled liquid state of ethanol. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, 5429-5438	1.8	6
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