J-Li Tamarit

List of Publications by Year
in descending order

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257	6,210	94269	118652
papers	citations	37 h-index	62 g-index

263	263	263	3089
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Drug-Biopolymer Dispersions: Morphology- and Temperature- Dependent (Anti)Plasticizer Effect of the Drug and Component-Specific Johariâ€“Goldstein Relaxations. International Journal of Molecular Sciences, 2022, 23, 2456.	1.8	8
2	Polymorphism and solidâ€“solid phase transitions of hydrogen bonded 2-adamantanol and 2-methyl-2-adamantanol compounds. CrystEngComm, 2022, 24, 3692-3700.	1.3	3
3	The pressureâ€“temperature phase diagram of tetramorphic pyrazinamide. CrystEngComm, 2022, 24, 5041-5051.	1.3	3
4	Role of Optical Phonons and Anharmonicity in the Appearance of the Heat Capacity Boson Peak-like Anomaly in Fully Ordered Molecular Crystals. Journal of Physical Chemistry Letters, 2022, 13, 5061-5067.	2.1	7
5	Plastic Crystals. Physical Chemistry in Action, 2021, , 163-190.	0.1	0
6	Low-Temperature Heat Capacity Anomalies in Ordered and Disordered Phases of Normal and Deuterated Thiophene. Journal of Physical Chemistry Letters, 2021, 12, 2112-2117.	2.1	6
7	Advances and obstacles in pressure-driven solid-state cooling: A review of barocaloric materials. MRS Energy & Sustainability, 2021, 8, 3.	1.3	21
8	Giant and Reversible Barocaloric Effect in Trinuclear Spinâ€Crossover Complex Fe₃(bntrz)₆(tcnset)₆. Advanced Materials, 2021, 33, e2008076.	11.1	58
9	Uniaxial Negative Thermal Expansion in Polymorphic 2-Bromobenzophenone, Due to Aromatic Interactions?. Crystal Growth and Design, 2021, 21, 2167-2175.	1.4	3
10	Comparative Physical Study of Three Pharmaceutically Active Benzodiazepine Derivatives: Crystalline versus Amorphous State and Crystallization Tendency. Molecular Pharmaceutics, 2021, 18, 1819-1832.	2.3	11
11	Polymorphism of benzylthiouracil, an active pharmaceutical ingredient against hyperthyroidism. International Journal of Pharmaceutics, 2021, 598, 120378.	2.6	5
12	Reversible colossal barocaloric effects near room temperature in 1-X-adamantane (X=Cl, Br) plastic crystals. Applied Materials Today, 2021, 23, 101023.	2.3	33
13	Colossal Reversible Barocaloric Effects in Layered Hybrid Perovskite (C₁₀H₂₁NH₃)₂MnCl₄ under Low Pressure Near Room Temperature. Advanced Functional Materials, 2021, 31, 2105154.	7.8	33
14	Heat capacity anomalies of the molecular crystal 1-fluoro-adamantane at low temperatures. Scientific Reports, 2021, 11, 18640.	1.6	8
15	Barocaloric properties of quaternary <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Mn</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">N</mml:mi></mml:math> for room-temperature refrigeration applications. Physical Review B, 2021, 104, .	1.1	7
16	Crystalline tetrazepam as a case study on the volume change on melting of molecular organic compounds. International Journal of Pharmaceutics, 2021, 593, 120124.	2.6	2
17	Inter-enantiomer conversion dynamics and Johariâ€“Goldstein relaxation of benzophenones. Scientific Reports, 2021, 11, 20248.	1.6	4
18	The solid state of anti-inflammatory morniflumate diniflumate: A cocrystalline salt. International Journal of Pharmaceutics, 2021, 610, 121224.	2.6	3

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19	Crystal Structure of Polymorph II and the Pressureâ€“Temperature Phase Diagram of the Dimorphic Anesthetic Butamben. Crystal Growth and Design, 2021, 21, 6766-6775.	1.4	2
20	Reversible and irreversible colossal barocaloric effects in plastic crystals. Journal of Materials Chemistry A, 2020, 8, 639-647.	5.2	85
21	Reversible barocaloric effects over a large temperature span in fullerite C₆₀. Journal of Materials Chemistry A, 2020, 8, 20354-20362.	5.2	32
22	Secondary relaxation in the terahertz range in 2-adamantanone from theory and experiments. Physical Review B, 2020, 101, .	1.1	5
23	The phase relationship between the pyrazinamide polymorphs Î± and Î³. International Journal of Pharmaceutics, 2020, 580, 119230.	2.6	10
24	Polymorphism of 1,3-X-adamantanes (X = Br, OH, CH₃) and the crystal plastic phase formation ability. CrystEngComm, 2020, 22, 1230-1238.	1.3	7
25	Does the trihydrate of atorvastatin calcium possess a melting point?. European Journal of Pharmaceutical Sciences, 2020, 148, 105334.	1.9	5
26	Giant and Reversible Inverse Barocaloric Effects near Room Temperature in Ferromagnetic MnCoGeB_{0.03}. Advanced Materials, 2019, 31, e1903577.	11.1	60
27	Nose Temperature and Anticorrelation between Recrystallization Kinetics and Molecular Relaxation Dynamics in Amorphous Morniflumate at High Pressure. Molecular Pharmaceutics, 2019, 16, 3514-3523.	2.3	3
28	Giant reversible barocaloric response of (MnNiSi)1â^'x(FeCoGe)x (x = 0.39, 0.40,) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.2	27
29	Structure and Dynamics of the Crystalline Stable Phase of 2-Chlorothiophene. Crystal Growth and Design, 2019, 19, 6405-6413.	1.4	2
30	Mixtures of m-fluoroaniline with apolar aromatic molecules: Phase behaviour, suppression of H-bonded clusters, and local H-bond relaxation dynamics. Journal of Molecular Liquids, 2019, 296, 111998.	2.3	7
31	Polymorphism with Conformational Isomerism and Incomplete Crystallization in Solid Ethanolamine. Crystal Growth and Design, 2019, 19, 6360-6369.	1.4	2
32	Amorphous binary dispersions of chloramphenicol in enantiomeric pure and racemic poly-lactic acid: Morphology, molecular relaxations, and controlled drug release. International Journal of Pharmaceutics, 2019, 568, 118565.	2.6	13
33	Ordered and disordered solvates of C60 and CBrCl2H. CrystEngComm, 2019, 21, 1180-1185.	1.3	0
34	Anomalous behavior of thermal conductivity at high temperatures for molecular crystals composed of flexible molecules. Journal of Physics and Chemistry of Solids, 2019, 127, 151-157.	1.9	6
35	Colossal barocaloric effects near room temperature in plastic crystals of neopentylglycol. Nature Communications, 2019, 10, 1803.	5.8	144
36	Multiple glass transitions in vapor-deposited orientational glasses of the most fragile plastic crystal Freon 113. Physical Chemistry Chemical Physics, 2019, 21, 10436-10441.	1.3	3

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37	Experimental and topological determination of the pressure-temperature phase diagram of racemic etifoxine, a pharmaceutical ingredient with anxiolytic properties. International Journal of Pharmaceutics, 2019, 572, 118812.	2.6	6
38	Emergence of glassy features in halomethane crystals. Physical Review B, 2019, 99, .	1.1	29
39	Giant barocaloric effect in all- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>d</mml:mi></mml:math> -metal Heusler shape memory alloys. Physical Review Materials, 2019, 3, .	0.9	55
40	Simultaneous Orientational and Conformational Molecular Dynamics in Solid 1,1,2-Trichloroethane. Journal of Physical Chemistry C, 2018, 122, 5774-5783.	1.5	6
41	An orderâ€“disorder phase transition in the van der Waals based solvate of C60 and CClBrH2. CrystEngComm, 2018, 20, 2729-2732.	1.3	2
42	Barocaloric and magnetocaloric effects in (MnNiSi)1âˆ’x(FeCoGe)x. Applied Physics Letters, 2018, 112, .	1.5	65
43	Relationship between the two-component system 1-Br-adamantaneÂ+ 1-Cl-adamantane and the high-pressure properties of the pure components. Fluid Phase Equilibria, 2018, 459, 219-229.	1.4	5
44	Enhancement of the Physical and Chemical Stability of Amorphous Drugâ€“Polymer Mixtures via Cryogenic Comilling. Macromolecules, 2018, 51, 9382-9392.	2.2	15
45	Multisite Exchange-Enhanced Barocaloric Response in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>Mn</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> Physical Review X, 2018, 8, .	2.8	24
46	Polymorphism of spironolactone: An unprecedented case of monotropy turning to enantiotropy with a huge difference in the melting temperatures. International Journal of Pharmaceutics, 2018, 552, 193-205.	2.6	13
47	Tuning the Kinetic Stability of the Amorphous Phase of the Chloramphenicol Antibiotic. Molecular Pharmaceutics, 2018, 15, 5615-5624.	2.3	10
48	A thermodynamically consistent phase diagram of a trimorphic pharmaceutical,<scp>l</scp>-tyrosine ethyl ester, based on limited experimental data. Physical Chemistry Chemical Physics, 2018, 20, 24074-24087.	1.3	2
49	Dispersion of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math> relaxation in orientationally disordered crystals with theory and experiments. Physical Review E, 2018, 97, 053001.	0.8	8
50	Thermodynamic and Kinetic Fragility of Freon 113: The Most Fragile Plastic Crystal. Physical Review Letters, 2017, 118, 105701.	2.9	22
51	Protonic Surface Conductivity and Proton Space-Charge Relaxation in Hydrated Fullerol. Journal of Physical Chemistry C, 2017, 121, 4873-4881.	1.5	6
52	The Pressure-Temperature Phase Diagram of Metacetamol and Its Comparison to the Phase Diagram of Paracetamol. Journal of Pharmaceutical Sciences, 2017, 106, 1538-1544.	1.6	7
53	New Intermediate Polymorph of 1-Fluoro-adamantane and Its Second-Order-like Transition toward the Low Temperature Phase. Crystal Growth and Design, 2017, 17, 3395-3401.	1.4	16
54	Pitfalls and feedback when constructing topological pressure-temperature phase diagrams. European Physical Journal: Special Topics, 2017, 226, 1031-1040.	1.2	7

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55	Orientational order in the stable buckminster fullerene solvate C60Â·2CBr2H2. European Physical Journal: Special Topics, 2017, 226, 857-867.	1.2	5
56	Pressure-temperature phase diagram of the dimorphism of the anti-inflammatory drug nimesulide. International Journal of Pharmaceutics, 2017, 525, 54-59.	2.6	9
57	Experimental and topological determination of the pressure-temperature phase diagram of morniflumate, a pharmaceutical ingredient with anti-inflammatory properties. Journal of Chemical Thermodynamics, 2017, 112, 308-313.	1.0	8
58	Relaxation Dynamics vs Crystallization Kinetics in the Amorphous State: The Case of Stiripentol. Molecular Pharmaceutics, 2017, 14, 3636-3643.	2.3	11
59	On the microscopic mechanism behind the purely orientational disorderâ€“disorder transition in the plastic phase of 1-chloroadamantane. Physical Chemistry Chemical Physics, 2017, 19, 20259-20266.	1.3	12
60	Genuine antiplasticizing effect of water on a glass-former drug. Scientific Reports, 2017, 7, 7470.	1.6	17
61	Giant barocaloric effects over a wide temperature range in superionic conductor AgI. Nature Communications, 2017, 8, 1851.	5.8	95
62	Dynamic heterogeneity in an orientational glass. Journal of Chemical Physics, 2017, 147, 184501.	1.2	4
63	Glassy Anomalies in the Low-Temperature Thermal Properties of a Minimally Disordered Crystalline Solid. Physical Review Letters, 2017, 119, 215506.	2.9	28
64	Thermodynamic Scaling of the Dynamics of a Strongly Hydrogen-Bonded Glass-Former. Scientific Reports, 2017, 7, 1346.	1.6	39
65	Orientational relaxations in solid (1,1,2,2)tetrachloroethane. Journal of Chemical Physics, 2016, 144, 164505.	1.2	10
66	Inverse barocaloric effects in ferroelectric BaTiO3 ceramics. APL Materials, 2016, 4, .	2.2	64
67	Double Primary Relaxation in a Highly Anisotropic Orientational Glass-Former with Low-Dimensional Disorder. Journal of Physical Chemistry C, 2016, 120, 10614-10621.	1.5	20
68	Van-der-Waals based solvates of C60 with CBr2Cl2 and CBr2(CH3)2. Chemical Physics, 2016, 477, 39-45.	0.9	4
69	Solid state stability and solubility of triethylenetetramine dihydrochloride. International Journal of Pharmaceutics, 2016, 511, 312-321.	2.6	5
70	Ultrastable glasses portray similar behaviour to ordinary glasses at high pressure. Scientific Reports, 2016, 6, 34296.	1.6	14
71	C60 Solvate with (1,1,2)-Trichloroethane: Dynamic Statistical Disorder and Mixed Conformation. Journal of Physical Chemistry C, 2016, 120, 12831-12839.	1.5	8
72	The structure of liquid water beyond the first hydration shell. Physical Chemistry Chemical Physics, 2016, 18, 19420-19425.	1.3	16

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73	A robust comparison of dynamical scenarios in a glass-forming liquid. Physical Chemistry Chemical Physics, 2016, 18, 3975-3981.	1.3	10
74	Structure and reorientational dynamics of 1-F-adamantane. Physical Chemistry Chemical Physics, 2016, 18, 10924-10930.	1.3	26
75	Crystal Structures and Phase Relationships of 2 Polymorphs of 1,4-Diazabicyclo[3.2.2]nonane-4-Carboxylic Acid 4-Bromophenyl Ester Fumarate, A Selective Î±-7 Nicotinic Receptor Partial Agonist. Journal of Pharmaceutical Sciences, 2016, 105, 64-70.	1.6	5
76	Stability hierarchy between Piracetam forms I, II, and III from experimental pressureâ€“temperature diagrams and topological inferences. International Journal of Pharmaceutics, 2016, 497, 96-105.	2.6	23
77	Influence of thermal treatment on thermal properties of adamantane derivatives. Low Temperature Physics, 2015, 41, 469-472.	0.2	11
78	Dynamic characterization of crystalline and glass phases of deuterated 1,1,2,2 tetrachloroethane. Journal of Chemical Physics, 2015, 143, 134502.	1.2	12
79	Reversible adiabatic temperature changes at the magnetocaloric and barocaloric effects in Fe49Rh51. Applied Physics Letters, 2015, 107, .	1.5	80
80	An Integrated View of the Influence of Temperature, Pressure, and Humidity on the Stability of Trimorphic Cysteamine Hydrochloride. Molecular Pharmaceutics, 2015, 12, 2276-2288.	2.3	16
81	Self-Diffusion, Phase Behavior, and Li⁺ Ion Conduction in Succinonitrile-Based Plastic Cocrystals. Journal of Physical Chemistry C, 2015, 119, 27298-27306.	1.5	32
82	Giant barocaloric effects at low pressure in ferrielectric ammonium sulphate. Nature Communications, 2015, 6, 8801.	5.8	160
83	Water-Triggered Conduction Mediated by Proton Exchange in a Hygroscopic Fulleride and Its Hydrate. Journal of Physical Chemistry C, 2015, 119, 685-694.	1.5	18
84	Molecular diffusion and dc conductivity perfectly correlated with molecular rotational dynamics in a plastic crystalline electrolyte. Physical Chemistry Chemical Physics, 2015, 17, 16053-16057.	1.3	18
85	Phase Transition in Hydrogen-Bonded 1-Adamantane-methanol. Crystal Growth and Design, 2015, 15, 4149-4155.	1.4	16
86	Glassy Dynamics versus Thermodynamics: The Case of 2-Adamantanone. Journal of Physical Chemistry B, 2015, 119, 8468-8474.	1.2	22
87	Tailoring barocaloric and magnetocaloric properties in low-hysteresis magnetic shape memory alloys. Acta Materialia, 2015, 96, 324-332.	3.8	89
88	Thermodynamics by synchrotron X-ray diffraction: phase relationships and crystal structure of<scp>l</scp>-tyrosine ethyl ester form III. CrystEngComm, 2015, 17, 3974-3984.	1.3	4
89	Collective relaxation dynamics and crystallization kinetics of the amorphous Biclotymol antiseptic. International Journal of Pharmaceutics, 2015, 495, 420-427.	2.6	22
90	Thermal properties of halogen-ethane glassy crystals: Effects of orientational disorder and the role of internal molecular degrees of freedom. Journal of Chemical Physics, 2015, 143, 084510.	1.2	20

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91	Effects of site-occupation disorder on the low-temperature thermal conductivity of molecular crystals. Journal of Non-Crystalline Solids, 2015, 407, 141-148.	1.5	12
92	Triethylenetetramine Dihydrochloride: Interactions and Conformations in Two Anhydrous Structures and a Hydrate. Crystal Growth and Design, 2015, 15, 348-357.	1.4	4
93	Short range order of CCl₄: RMC and MD Methods. Journal of Physics: Conference Series, 2014, 549, 012014.	0.3	2
94	Barocaloric effect in metamagnetic shape memory alloys. Physica Status Solidi (B): Basic Research, 2014, 251, 2114-2119.	0.7	31
95	On the Polymorphism of l-Citrulline: Crystal Structure and Characterization of the Orthorhombic Î´ Form. Crystal Growth and Design, 2014, 14, 1279-1286.	1.4	14
96	Polymorphism of 2-Adamantanone. Crystal Growth and Design, 2014, 14, 2626-2632.	1.4	26
97	Ultraslow Dynamics of Water in Organic Molecular Solids. Journal of Physical Chemistry C, 2014, 118, 4941-4950.	1.5	19
98	Silicon-Chip-Based Dielectric Spectroscopy for Conductivity and Molecular Dynamics Studies of Organic Films. Journal of Physical Chemistry Letters, 2014, 5, 2796-2801.	2.1	5
99	Polymorphism in 2-X-Adamantane Derivatives (X = Cl, Br). Journal of Physical Chemistry B, 2014, 118, 9595-9603.	1.2	25
100	Hopping Conductivity and Polarization Effects in a Fullerene Derivative Salt. Journal of Physical Chemistry C, 2014, 118, 12170-12175.	1.5	29
101	Barocaloric and magnetocaloric effects in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Fe</mml:mi><mml:mn>49</mml:mn></mml:msub><m Physical Review B, 2014, 89, .	1.1	149
102	The relationship between orientational disorder and pressure: The case study of succinonitrile. Journal of Molecular Structure, 2014, 1078, 3-9.	1.8	12
103	Microscopic dynamics of glycerol: a QENS study. Journal of Physics: Conference Series, 2014, 549, 012013.	0.3	3
104	Crystal Structure and Solid-State Properties of 3,4-Diaminopyridine Dihydrogen Phosphate and Their Comparison with Other Diaminopyridine Salts. Crystal Growth and Design, 2013, 13, 708-715.	1.4	17
105	Conformational Polymorphism: The Missing Phase of 1,1,2,2-Tetrachloroethane (Cl₂HCâ€“CHCl₂). Crystal Growth and Design, 2013, 13, 2143-2148.	1.4	19
106	Insights into the determination of molecular structure from diffraction data using a Bayesian algorithm. Journal of Physics Condensed Matter, 2013, 25, 454217.	0.7	2
107	Comparison of the atomic level structure of the plastic crystalline and liquid phases of CBr₂Cl₂: neutron diffraction and reverse Monte Carlo modelling. Journal of Physics Condensed Matter, 2013, 25, 454216.	0.7	8
108	Benzocaine polymorphism: Pressureâ€“temperature phase diagram involving forms II and III. International Journal of Pharmaceutics, 2013, 456, 480-488.	2.6	38

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109	Polymorphism in Halogen-Ethane Derivatives: CCl₃â€“CCl₃ and ClF₂Câ€“CF₂Cl. Crystal Growth and Design, 2013, 13, 782-791.	1.4	18
110	Uniaxial negative thermal expansion in crystals of tienoxolol. Structural Chemistry, 2013, 24, 279-283.	1.0	19
111	Solid-State Properties and Dehydration Behavior of the Active Pharmaceutical Ingredient Potassium Guaiacol-4-sulfonate. Crystal Growth and Design, 2013, 13, 3028-3035.	1.4	12
112	Liquidâ€“Liquid Miscibility Gaps in Drugâ€“Water Binary Systems: Crystal Structure and Thermodynamic Properties of Prilocaine and the Temperatureâ€“Composition Phase Diagram of the Prilocaineâ€“Water System. Molecular Pharmaceutics, 2013, 10, 1332-1339.	2.3	13
113	Tricritical behavior of the nematic to smectic-A phase transition in the binary mixture of liquid crystal. Journal of Chemical Physics, 2013, 138, 104906.	1.2	7
114	Dynamic heterogeneity in the glass-like monoclinic phases of some halogen methane compounds. , 2013, , .		1
115	Rimonabant Dimorphism and Its Pressureâ€“Temperature Phase Diagram: A Delicate Case of Overall Monotropic Behavior. Journal of Pharmaceutical Sciences, 2013, 102, 2311-2321.	1.6	22
116	Differences in first neighbor orientation behind the anomalies in the low and high density trans-1,2-dichloroethene liquid. Journal of Chemical Physics, 2012, 136, 124514.	1.2	10
117	Dynamic heterogeneity in the glass-like monoclinic phases of CBrnCl4â^'n, n = 0,1,2. Journal of Chemical Physics, 2012, 137, 054506.	1.2	22
118	Role of steric and electrostatic effects in the short-range order of quasitetrahedral molecular liquids. Physical Review B, 2012, 85, .	1.1	22
119	Emergence of glassy-like dynamics in an orientationally ordered phase. Physical Review B, 2012, 85, .	1.1	43
120	Effects of internal molecular degrees of freedom on the thermal conductivity of some glasses and disordered crystals. Physical Review B, 2012, 85, .	1.1	29
121	Barocaloric effect in the magnetocaloric prototype Gd5Si2Ge2. Applied Physics Letters, 2012, 101, 071906.	1.5	127
122	Overall Stability for the Ibuprofen Racemate: Experimental and Topological Results Leading to the Pressureâ€“Temperature Phase Relationships between Its Racemate and Conglomerate. Journal of Physical Chemistry B, 2012, 116, 5568-5574.	1.2	20
123	Polymorphism in Halogenâ€“Ethane Derivatives: CCl3â€“CF2Cl and CF3â€“CF2Cl. Crystal Growth and Design, 2012, 12, 1513-1519.	1.4	13
124	Crystal structure and solid-state studies of aged samples of tienoxolol, an API designed against hypertension. International Journal of Pharmaceutics, 2012, 422, 47-51.	2.6	3
125	Pressureâ€“Temperature State Diagram for the Phase Relationships Between Benfluorex Hydrochloride Forms I and II: A Case of Enantiotropic Behavior. Journal of Pharmaceutical Sciences, 2012, 101, 1073-1078.	1.6	37
126	Enantiomer Resolution by Pressure Increase: Inferences from Experimental and Topological Results for the Binary Enantiomer System (R)- and (S)-Mandelic Acid. Journal of Physical Chemistry B, 2011, 115, 14698-14703.	1.2	28

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127	From High-Temperature Orientationally Disordered Mixed Crystals to Low-Temperature Complex Formation in the Two-Component System (CH₃)₃CBr + Cl₃CBr. Journal of Physical Chemistry B, 2011, 115, 1679-1688.	1.2	8
128	Topological and Experimental Approach to the Pressureâ^'Temperatureâ^'Composition Phase Diagram of the Binary Enantiomer System d- and l-Camphor. Journal of Physical Chemistry B, 2011, 115, 1672-1678.	1.2	19
129	Universal critical-like scaling of dynamics in plastic crystals. Journal of Non-Crystalline Solids, 2011, 357, 329-333.	1.5	6
130	FABADA: a Fitting Algorithm for Bayesian Analysis of DAta. Journal of Physics: Conference Series, 2011, 325, 012006.	0.3	12
131	Inverse barocaloric effect in the giant magnetocaloric Laâ€"Feâ€"Siâ€"Co compound. Nature Communications, 2011, 2, 595.	5.8	175
132	Tyrosine alkyl esters as prodrug: the structure and intermolecular interactions of l-tyrosine methyl ester compared to l-tyrosine and its ethyl and n-butyl esters. Structural Chemistry, 2011, 22, 649-659.	1.0	18
133	Secondary relaxations of orientationally disordered mixed crystals at temperatures lower than the glass transition temperature. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 2254-2257.	0.8	3
134	Solid-State Studies of the Triclinic (Zâ€² = 2) Antiprotozoal Drug Ternidazole. Journal of Pharmaceutical Sciences, 2011, 100, 2258-2266.	1.6	19
135	Dimorphism of the prodrug lâ€tyrosine ethyl ester: Pressureâ€"temperature state diagram and crystal structure of phase II. Journal of Pharmaceutical Sciences, 2011, 100, 4774-4782.	1.6	24
136	Fitting in a complex<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï‡</mml:mi><mml:mn>2</mml:mn></mml:msup></mml:math>landscape using an optimized hypersurface sampling. Physical Review E, 2011, 84, 046711.	0.8	11
137	Interplay between intramolecular and intermolecular structures of 1,1,2,2-tetrachloro-1,2-difluoroethane. Physical Review B, 2011, 84, .	1.1	21
138	Enthalpy space analysis of the evolution of the primary relaxation time in ultraslowing systems. Journal of Chemical Physics, 2011, 134, 024512.	1.2	23
139	Prevalence for the universal distribution of relaxation times near the glass transitions in experimental model systems: Rodlike liquid crystals and orientationally disordered crystals. Journal of Chemical Physics, 2011, 134, 144505.	1.2	8
140	Structure of Phase III and Polymorphism of (CH₃)₃CBr. Crystal Growth and Design, 2010, 10, 2793-2800.	1.4	21
141	Liquid-Liquid Miscibility Gaps and Hydrate Formation in Drug-Water Binary Systems: Pressure-Temperature Phase Diagram of Lidocaine and Pressure-Temperature-Composition Phase Diagram of the Lidocaine-Water System. Journal of Pharmaceutical Sciences, 2010, 99, 2756-2765.	1.6	11
142	Temperature and composition-dependent properties of the two-component system d- and l-camphor at â€˜ordinaryâ€™ pressure. Thermochimica Acta, 2010, 511, 43-50.	1.2	23
143	Disorder effects on heat transport properties of orientationally disordered crystals. Physical Review B, 2010, 81, .	1.1	15
144	Microscopic structures and dynamics of high- and low-density liquid<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>t</mml:mi><mml:mi>r</mml:mi><mml:mi>a</mml:mi><mml:mi>n</mml:mi><mml:mi>s</mml:mi> Physical Review B, 2010, 81, .	1.1	14

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145	Publisher's Note: Microscopic structures and dynamics of high- and low-density liquid<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>t</mml:mi><mml:mi>r</mml:mi><mml:mi>a</mml:mi><mml:mi>n</mml:mi><mml:mi>s</mml:mi> [Phys. Rev. B81, 092202 (2010)]. Physical Review B, 2010, 81, .	1.1	0
146	Î± -relaxation dynamics of orientanionally disordered mixed crystals composed of Cl-adamantane and CN-adamantane. Journal of Chemical Physics, 2010, 132, 164516.	1.2	22
147	Disentangling the Secondary Relaxations in the Orientationally Disordered Mixed Crystals: Cycloheptanol + Cyclooctanol Two-Component System. Journal of Physical Chemistry B, 2010, 114, 6099-6106.	1.2	18
148	Evidence for critical-like behavior in ultraslowing glass-forming systems. Physical Review E, 2010, 82, 031501.	0.8	33
149	Dynamics of orientationally disordered mixed crystal sharing Cl-adamantane and CN-adamantane. Journal of Non-Crystalline Solids, 2010, 356, 621-624.	1.5	2
150	Giant solid-state barocaloric effect in the Niâ€“Mnâ€“In magnetic shape-memory alloy. Nature Materials, 2010, 9, 478-481.	13.3	632
151	Neutron Diffraction as a Tool to Explore the Free Energy Landscape in Orientationally Disordered Phases. NATO Science for Peace and Security Series A: Chemistry and Biology, 2010, , 63-77.	0.5	0
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