Liquid–liquid equilibria in polymer solutions at negat

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Citation Report

#	Article	IF	CITATIONS
1	Thermodynamics of Negative Pressures in Liquids. Journal of Non-Equilibrium Thermodynamics, 1998, 23, .	4.2	56
2	A polymer-solvent system with two homogeneous double critical points: Polystyrene (PS)/(n-heptane +) Tj ETQq1	1_0_78431 2.1	l4 ₈ rgBT /O√
3	A simple gE-model for generating all basic types of binary liquid–liquid equilibria and their pressure dependence. Thermodynamic constraints at critical loci. Physical Chemistry Chemical Physics, 1999, 1, 4277-4286.	2.8	43
4	Liquid–liquid equilibria in polystyrene solutions: the general pressure dependence. Physical Chemistry Chemical Physics, 1999, 1, 4287-4292.	2.8	27
5	The effect of branching of alkanes on the liquid–liquid equilibrium of oligostyrene/alkane systems. Fluid Phase Equilibria, 2001, 187-188, 363-372.	2.5	13
6	Phase Diagrams and Thermodynamics of Demixing of Polystyrene/Solvent Solutions in (T,P,X) Space. , 2002, , 1-13.		0
7	Double Critical Phenomena in (Water + Polyacrylamides) Solutions. Macromolecules, 2002, 35, 1887-1895.	4.8	67
8	Achieving Absolute Negative Pressures in Liquids: Precipitation Phenomena in Solution. Journal of Chemical Education, 2002, 79, 869.	2.3	11
9	The effect of pressure on the liquid–liquid phase equilibrium of two polydisperse polyalkylsiloxane blends. Physical Chemistry Chemical Physics, 2002, 4, 992-1001.	2.8	22
10	Metastable critical lines in (acetone + polystyrene) solutions and the continuity of solvent-quality states. Physical Chemistry Chemical Physics, 2002, 4, 1046-1052.	2.8	16
11	The "Hidden―Phase Diagram of Water + 3-Methylpyridine at Large Absolute Negative Pressures. Journal of Physical Chemistry B, 2003, 107, 9837-9846.	2.6	25
12	NEGATIVE PRESSURE TAIL OF A REFLECTED PRESSURE PULSE: COMPARISON OF A LATTICE BOLTZMANN STUDY TO THE EXPERIMENTAL RESULTS. International Journal of Modern Physics C, 2003, 14, 1321-1330.	1.7	3
13	Temperature and pressure dependence of phase separation of trans-decahydronaphthalene/polystyrene solution. Chemical Physics, 2004, 298, 37-45.	1.9	4
14	Phase behavior of Dieterici fluids. Physical Chemistry Chemical Physics, 2004, 6, 5189-5194.	2.8	10
15	Liquid–liquid phase equilibria in nitrobenzene–hexane critical mixture under negative pressure. Physical Chemistry Chemical Physics, 2004, 6, 2291-2294.	2.8	27
16	Stability limits in binary fluids mixtures. Journal of Chemical Physics, 2005, 122, 064507.	3.0	27
17	Phase Equilibrium in Complex Liquids under Negative Pressure. , 2004, , 177-189.		0
19	Critical behaviour in nitrobenzene–hexane mixture by approaching the liquid–liquid critical line. Fluid Phase Equilibria, 2007, 255, 11-16.	2.5	8

#	Article	IF	Citations
20	On the existence of negative pressure states. Physica Status Solidi (B): Basic Research, 2007, 244, 893-899.	1.5	29
21	From the Two-Component System CBrCl3 + CBr4 to the High-Pressure Properties of CBr4. Journal of Physical Chemistry B, 2008, 112, 13916-13922.	2.6	14
22	Experimental superheating of water and aqueous solutions. Geochimica Et Cosmochimica Acta, 2009, 73, 2457-2470.	3.9	52
23	Miscibility Holes and Continuous Liquidâ`'Liquid Miscibility Curves in Type III and IV Systems. Journal of Chemical & Engineering Data, 2009, 54, 1569-1574.	1.9	2
25	Negative Pressures in Classical and Cosmological Fluids and Their Thermodynamic Stability. Progress of Theoretical Physics, 2010, 123, 51-62.	2.0	2
26	Trialing of the topological types of phase diagrams for unary systems. Russian Journal of Inorganic Chemistry, 2011, 56, 1458-1463.	1.3	0
27	Condensed Matters Under Negative Pressure. , 2011, , .		1
29	Studies of cavitation and ice nucleation in â€~doubly-metastable' water: time-lapse photography and neutron diffraction. Physical Chemistry Chemical Physics, 2012, 14, 13255.	2.8	8
30	Scaled Particle Theory for the Coil–Globule Transition of an Isolated Polymer Chain. Macromolecules, 2013, 46, 4691-4697.	4.8	10
31	Experience of superheat of solutions: doubly metastable systems. Journal of Physics: Conference Series, 2017, 891, 012339.	0.4	4
32	Measuring the negative pressure during processing of advanced composites. Composite Structures, 2018, 203, 11-17.	5.8	9
33	Global phase diagrams in a polymer-solvent system under the positive and negative pressure at and near the mathematical double points. Physica A: Statistical Mechanics and Its Applications, 2020, 555, 124540.	2.6	0
34	Estimation of the Explosive Boiling Limit of Metastable Liquids. NATO Science for Peace and Security Series A: Chemistry and Biology, 2010, , 271-278.	0.5	2
35	On the Tricritical Point of the Isotropic — Nematic Transition in a Rod-Like Mesogen Hidden in the Negative Pressure Region. , 2002, , 117-125.		3
36	Measuring the Properties of Liquids and Liquid Mixtures at Absolute Negative Pressures. , 2002, , 95-108.		1
37	Liquid-Liquid Phase Equilibria in Binary Mixtures Under Negative Pressure. , 2002, , 81-94.		0
38	Indirect methods to study liquid-liquid miscibility in binary liquids under negative pressure. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2007, , 389-397.	0.1	1
40	Multiparameter equation of state for classical and quantum fluids. Journal of Supercritical Fluids, 2022, 181, 105491.	3.2	4

CITATION REPORT

#	Article	IF	CITATIONS
41	Transition Metals in Radiation-Induced Reactions for Organic Synthesis: Applications of Ultrasound. , 0, , 583-596.		1
42	Stability and equilibrium. , 2024, , 109-198.		0

CITATION REPORT