

Jan Sengers

List of Publications by Year in descending order

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148
papers

8,641
citations

34105

52
h-index

46799

89
g-index

155
all docs

155
docs citations

155
times ranked

3029
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Thermodynamic Behavior of Fluids Near the Critical Point. Annual Review of Physical Chemistry, 1986, 37, 189-222. | 10.8 | 624 |
| 2 | New International Formulation for the Viscosity of H ₂ O. Journal of Physical and Chemical Reference Data, 2009, 38, 101-125. | 4.2 | 330 |
| 3 | Improved International Formulations for the Viscosity and Thermal Conductivity of Water Substance. Journal of Physical and Chemical Reference Data, 1986, 15, 1291-1314. | 4.2 | 285 |
| 4 | Gravity effects in fluids near the gas-liquid critical point. Reviews of Modern Physics, 1979, 51, 79-99. | 45.6 | 236 |
| 5 | Generic Long-Range Correlations in Molecular Fluids. Annual Review of Physical Chemistry, 1994, 45, 213-239. | 10.8 | 205 |
| 6 | Thermodynamics of supercooled water. Journal of Chemical Physics, 2012, 136, 094507. | 3.0 | 197 |
| 7 | Transport properties of fluids near critical points. International Journal of Thermophysics, 1985, 6, 203-232. | 2.1 | 187 |
| 8 | New International Formulation for the Thermal Conductivity of H ₂ O. Journal of Physical and Chemical Reference Data, 2012, 41, . | 4.2 | 172 |
| 9 | Crossover from singular critical to regular classical thermodynamic behavior of fluids. Physical Review A, 1990, 41, 3161-3177. | 2.5 | 168 |
| 10 | Optical measurement of the Soret coefficient and the diffusion coefficient of liquid mixtures. Journal of Chemical Physics, 1996, 104, 6881-6892. | 3.0 | 164 |
| 11 | Global thermodynamic behavior of fluids in the critical region. Physical Review A, 1990, 42, 4470-4484. | 2.5 | 154 |
| 12 | Crossover from Singular to Regular Behavior of the Transport Properties of Fluids in the Critical Region. Physical Review Letters, 1988, 61, 15-18. | 7.8 | 150 |
| 13 | Experimental Critical-Exponent Values for Fluids. Journal of Statistical Physics, 2009, 137, 857-877. | 1.2 | 149 |
| 14 | Dynamic scaling function for critical fluctuations in classical fluids. Physical Review A, 1983, 28, 1567-1578. | 2.5 | 145 |
| 15 | Nature of Crossover between Ising-like and Mean-Field Critical Behavior in Fluids and Fluid Mixtures. Physical Review Letters, 1995, 75, 3146-3149. | 7.8 | 132 |
| 16 | A simplified representation for the thermal conductivity of fluids in the critical region. International Journal of Thermophysics, 1989, 10, 417-426. | 2.1 | 127 |
| 17 | Crossover between vapor-liquid and consolute critical phenomena. Physical Review E, 1995, 51, 1199-1215. | 2.1 | 126 |
| 18 | An Improved Representative Equation for the Dynamic Viscosity of Water Substance. Journal of Physical and Chemical Reference Data, 1980, 9, 1255-1290. | 4.2 | 124 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Crossover function for the critical viscosity of a classical fluid. <i>Physical Review A</i> , 1981, 24, 1469-1475. | 2.5 | 119 |
| 20 | Thermal and mass diffusion in a semidilute good solvent-polymer solution. <i>Journal of Chemical Physics</i> , 1999, 111, 2270-2282. | 3.0 | 119 |
| 21 | On the Kinetic Theory of Dense Fluids. IX. The Fluid of Rigid Spheres with a Square-Well Attraction. <i>Journal of Chemical Physics</i> , 1961, 35, 2210-2233. | 3.0 | 118 |
| 22 | Scaling of the Thermal Conductivity Near the Gas-Liquid Critical Point. <i>Physical Review Letters</i> , 1971, 26, 70-73. | 7.8 | 110 |
| 23 | Correlation function near the critical mixing point of a binary liquid. <i>Physical Review A</i> , 1979, 19, 866-882. | 2.5 | 107 |
| 24 | Principle of isomorphism and complete scaling for binary-fluid criticality. <i>Physical Review E</i> , 2008, 77, 031127. | 2.1 | 103 |
| 25 | Thermodynamic Properties of Steam in the Critical Region. <i>Journal of Physical and Chemical Reference Data</i> , 1983, 12, 1-28. | 4.2 | 101 |
| 26 | Crossover criticality in ionic solutions. <i>Journal of Chemical Physics</i> , 2001, 114, 3133-3148. | 3.0 | 94 |
| 27 | Non-asymptotic critical behavior of the transport properties of fluids. <i>Journal of Chemical Physics</i> , 1995, 103, 7482-7501. | 3.0 | 93 |
| 28 | Sharp Crossover of the Susceptibility in Polymer Solutions near the Critical Demixing Point. <i>Physical Review Letters</i> , 1997, 79, 5266-5269. | 7.8 | 89 |
| 29 | Equation of State for Supercooled Water at Pressures up to 400 MPa. <i>Journal of Physical and Chemical Reference Data</i> , 2014, 43, . | 4.2 | 88 |
| 30 | Static and dynamic critical behavior of a symmetrical binary fluid: A computer simulation. <i>Journal of Chemical Physics</i> , 2006, 125, 024506. | 3.0 | 85 |
| 31 | An improved parametric crossover model for the thermodynamic properties of fluids in the critical region. <i>International Journal of Thermophysics</i> , 1993, 14, 1-32. | 2.1 | 83 |
| 32 | Asymmetric criticality in weakly compressible liquid mixtures. <i>Journal of Chemical Physics</i> , 2010, 132, 154502. | 3.0 | 83 |
| 33 | Transport properties of 1,1,1,2-tetrafluoroethane (R134a). <i>International Journal of Thermophysics</i> , 1993, 14, 951-988. | 2.1 | 82 |
| 34 | The nature of singular coexistence-curve diameters of liquid-liquid phase equilibria. <i>Chemical Physics Letters</i> , 2006, 424, 414-419. | 2.6 | 80 |
| 35 | Simplified Model for the Critical Thermal-Conductivity Enhancement in Molecular Fluids. <i>International Journal of Thermophysics</i> , 2013, 34, 191-212. | 2.1 | 80 |
| 36 | Crossover from Ising to mean-field critical behavior in an aqueous electrolyte solution. <i>Physical Review E</i> , 1998, 58, 2188-2200. | 2.1 | 77 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Rayleigh scattering in a liquid far from thermal equilibrium. <i>Physical Review A</i> , 1992, 45, 714-724. | 2.5 | 76 |
| 38 | Light-scattering measurements of entropy and viscous fluctuations in a liquid far from thermal equilibrium. <i>Physical Review A</i> , 1990, 41, 816-824. | 2.5 | 72 |
| 39 | Fluctuations in fluids out of thermal equilibrium. <i>Journal of Statistical Physics</i> , 1989, 57, 531-547. | 1.2 | 69 |
| 40 | Light-scattering measurements of nonequilibrium fluctuations in a liquid mixture. <i>Physical Review E</i> , 1993, 47, 1026-1034. | 2.1 | 68 |
| 41 | Crossover parametric equation of state for Ising-like systems. <i>Physical Review E</i> , 2001, 64, 026125. | 2.1 | 68 |
| 42 | Experimental Evidence for Crossover to Mean-Field Tricritical Behavior in a Concentrated Salt Solution. <i>Physical Review Letters</i> , 2000, 85, 2336-2339. | 7.8 | 65 |
| 43 | Representative Equations for the Thermal Conductivity of Water Substance. <i>Journal of Physical and Chemical Reference Data</i> , 1984, 13, 893-933. | 4.2 | 63 |
| 44 | Surface tension of normal pentane, hexane, heptane, and octane. <i>International Journal of Thermophysics</i> , 1992, 13, 453-464. | 2.1 | 63 |
| 45 | Global thermodynamic behavior of fluid mixtures in the critical region. <i>Physical Review E</i> , 1993, 47, 388-402. | 2.1 | 63 |
| 46 | New International Formulations for the Thermodynamic Properties of Light and Heavy Water. <i>Journal of Physical and Chemical Reference Data</i> , 1986, 15, 305-320. | 4.2 | 62 |
| 47 | Mesoscale Inhomogeneities in Aqueous Solutions of 3-Methylpyridine and Tertiary Butyl Alcohol. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 1238-1248. | 1.9 | 62 |
| 48 | A compact photon-correlation spectrometer for research and education. <i>International Journal of Thermophysics</i> , 1997, 18, 1237-1248. | 2.1 | 59 |
| 49 | Double scattering in critically opalescent fluids. <i>Physical Review A</i> , 1988, 38, 885-896. | 2.5 | 58 |
| 50 | The thermal conductivity of ethane in the critical region. <i>Journal of Chemical Physics</i> , 1990, 92, 5454-5462. | 3.0 | 58 |
| 51 | Universality of critical behavior in gases. <i>Physical Review A</i> , 1975, 12, 2622-2627. | 2.5 | 52 |
| 52 | On the Physical Origin of Long-Ranged Fluctuations in Fluids in Thermal Nonequilibrium States. <i>Journal of Statistical Physics</i> , 2004, 115, 1341-1359. | 1.2 | 51 |
| 53 | Density Dependence of Experimental Transport Coefficients of Gases. <i>Journal of Chemical Physics</i> , 1969, 50, 857-870. | 3.0 | 50 |
| 54 | Viscosity of liquid toluene at temperatures from 25 to 150.degree.C and at pressures up to 30 MPa. <i>Journal of Chemical & Engineering Data</i> , 1992, 37, 349-355. | 1.9 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Thermodynamic properties of H ₂ O and D ₂ O in the critical region. Journal of Chemical Physics, 2000, 113, 4985. | 3.0 | 50 |
| 56 | The transport properties of fluid mixtures near the vapor-liquid critical line. Journal of Chemical Physics, 1996, 104, 3026-3047. | 3.0 | 48 |
| 57 | Time dependence of critical concentration fluctuations in a binary liquid. Physical Review A, 1983, 27, 1071-1085. | 2.5 | 47 |
| 58 | Experimental Determination of the Critical Correlation Function for a Binary Liquid Mixture: Evidence for Universality. Physical Review Letters, 1976, 37, 1481-1484. | 7.8 | 46 |
| 59 | Dynamical Scaling and Critical-Point Universality of Fluids. Physical Review Letters, 1980, 45, 259-262. | 7.8 | 46 |
| 60 | Thermodynamic properties of sulfurhexafluoride in the critical region. Journal of Chemical Physics, 1999, 111, 1551-1560. | 3.0 | 45 |
| 61 | A universal representation of the thermodynamic properties of fluids in the critical region. International Journal of Thermophysics, 1984, 5, 195-208. | 2.1 | 44 |
| 62 | Three-Particle Collision Integrals for a Gas of Hard Spheres. Journal of Chemical Physics, 1972, 56, 5583-5601. | 3.0 | 43 |
| 63 | Crossover equation of state for the thermodynamic properties of mixtures of methane and ethane in the critical region. International Journal of Thermophysics, 1996, 17, 909-944. | 2.1 | 43 |
| 64 | Competition of mesoscales and crossover to theta-point tricriticality in near-critical polymer solutions. Journal of Chemical Physics, 2005, 123, 164901. | 3.0 | 43 |
| 65 | Divergence in the Density Expansion of the Transport Coefficients of a Two-Dimensional Gas. Physics of Fluids, 1966, 9, 1685. | 1.4 | 42 |
| 66 | Crossover from singular to regular thermodynamic behavior of fluids in the critical region. Physical Review B, 1987, 36, 877-880. | 3.2 | 42 |
| 67 | Thermophysical Properties of Fluid D ₂ O. Journal of Physical and Chemical Reference Data, 1984, 13, 601-609. | 4.2 | 41 |
| 68 | The transport properties of ethane. II. Thermal conductivity. International Journal of Thermophysics, 1994, 15, 33-66. | 2.1 | 41 |
| 69 | Giant Casimir Effect in Fluids in Nonequilibrium Steady States. Physical Review Letters, 2013, 110, 235902. | 7.8 | 41 |
| 70 | Dynamics of fluctuations in a fluid below the onset of Rayleigh-Bénard convection. Physical Review E, 2004, 69, 021106. | 2.1 | 39 |
| 71 | Near-critical behavior of aqueous systems. , 2004, , 29-71. | | 39 |
| 72 | Crossover Critical Behavior in the Three-Dimensional Ising Model. Journal of Statistical Physics, 2003, 110, 591-609. | 1.2 | 38 |

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|----|--|-----|-----------|
| 73 | Triple Collision Contribution to the Transport Coefficients of a Rigid Sphere Gas. <i>Physics of Fluids</i> , 1966, 9, 1333. | 1.4 | 37 |
| 74 | Nonequilibrium Casimir-like Forces in Liquid Mixtures. <i>Physical Review Letters</i> , 2015, 115, 035901. | 7.8 | 37 |
| 75 | Non-local fluctuation phenomena in liquids. <i>European Physical Journal E</i> , 2016, 39, 125. | 1.6 | 37 |
| 76 | Anisimov et al. Reply:. <i>Physical Review Letters</i> , 1996, 76, 4095-4095. | 7.8 | 35 |
| 77 | Effects of Critical Fluctuations on the Thermodynamic and Transport Properties of Supercritical Fluids. , 1994, , 231-271. | | 34 |
| 78 | The thermal conductivity of argon in the critical region. <i>Journal of Chemical Physics</i> , 1994, 101, 6944-6963. | 3.0 | 33 |
| 79 | Nonequilibrium fluctuations in the Rayleigh-B nard problem for binary fluid mixtures. <i>European Physical Journal E</i> , 2004, 15, 319-333. | 1.6 | 32 |
| 80 | Chapter 10. Thermodynamic Behaviour of Fluids near Critical Points. , 2010, , 321-367. | | 32 |
| 81 | A parametric model for the global thermodynamic behavior of fluids in the critical region. <i>Journal of Chemical Physics</i> , 1992, 97, 2705-2717. | 3.0 | 31 |
| 82 | Fluctuations in fluids in thermal nonequilibrium states below the convective Rayleigh-B nard instability. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 300, 25-52. | 2.6 | 30 |
| 83 | The Critical Region. <i>Chemical & Engineering News</i> , 1968, 46, 104-121. | 0.1 | 29 |
| 84 | Long-Time Tails, Weak Localization, and Classical and Quantum Critical Behavior. <i>Journal of Statistical Physics</i> , 2002, 109, 373-405. | 1.2 | 29 |
| 85 | Long-wavelength nonequilibrium concentration fluctuations induced by the Soret effect. <i>Physical Review E</i> , 2006, 74, 046305. | 2.1 | 29 |
| 86 | The thermal conductivity of methane in the critical region. <i>Journal of Chemical Physics</i> , 1996, 105, 10535-10555. | 3.0 | 28 |
| 87 | Thermodynamic properties of mixtures of H2O and D2O in the critical region. <i>Journal of Chemical Physics</i> , 2002, 116, 4597-4610. | 3.0 | 28 |
| 88 | Light scattering and crossover critical phenomena in polymer solutions. <i>Applied Optics</i> , 2001, 40, 4160. | 2.1 | 27 |
| 89 | Physical origin of nonequilibrium fluctuation-induced forces in fluids. <i>Physical Review E</i> , 2016, 93, 012148. | 2.1 | 27 |
| 90 | Experimental studies of the rheology of a simple liquid mixture during phase separation. <i>Physical Review E</i> , 1993, 48, 357-376. | 2.1 | 26 |

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|-----|---|-----|-----------|
| 91 | Light scattering from nonequilibrium concentration fluctuations in a polymer solution. <i>Journal of Chemical Physics</i> , 2000, 112, 9139-9150. | 3.0 | 25 |
| 92 | Dynamics of critical fluctuations in polymer solutions. <i>Physical Review E</i> , 2007, 76, 021804. | 2.1 | 25 |
| 93 | Boundary effects on the nonequilibrium structure factor of fluids below the Rayleigh-Bénard instability. <i>Physical Review E</i> , 2002, 66, 036305. | 2.1 | 24 |
| 94 | Prediction of thermodynamic and transport properties in the one-phase region of methane + n-hexane mixtures near their critical end points. <i>Fluid Phase Equilibria</i> , 1997, 128, 67-96. | 2.5 | 22 |
| 95 | Shear-induced critical dynamics in a nonionic micellar solution. <i>Physical Review Letters</i> , 1992, 68, 3579-3582. | 7.8 | 21 |
| 96 | The thermal conductivity of an equimolar methane-ethane mixture in the critical region. <i>Journal of Chemical Physics</i> , 1998, 109, 717-736. | 3.0 | 20 |
| 97 | Novel Phase-Transition Behavior in an Aqueous Electrolyte Solution. <i>International Journal of Thermophysics</i> , 2000, 21, 1321-1338. | 2.1 | 20 |
| 98 | Fluctuation-induced pressures in fluids in thermal nonequilibrium steady states. <i>Physical Review E</i> , 2014, 89, 022145. | 2.1 | 20 |
| 99 | Critical parameters of mixtures of carbon dioxide and ethane. <i>International Journal of Thermophysics</i> , 1992, 13, 1043-1052. | 2.1 | 19 |
| 100 | Scaling, tricriticality, and crossover in polymer solutions. <i>Molecular Physics</i> , 2005, 103, 3061-3070. | 1.7 | 19 |
| 101 | Logarithmic Density Dependence of the Transport Properties of Gases. <i>Physical Review Letters</i> , 1983, 51, 2163-2166. | 7.8 | 18 |
| 102 | Kinetic Theory of Droplet Growth in Nucleation. <i>Journal of Chemical Physics</i> , 1972, 57, 1441-1458. | 3.0 | 17 |
| 103 | Simulating critical dynamics in liquid mixtures: Short-range and long-range contributions. <i>Journal of Chemical Physics</i> , 2007, 127, 144506. | 3.0 | 17 |
| 104 | Critical Behavior of the Dielectric Constant in Asymmetric Fluids. <i>Journal of Physical Chemistry B</i> , 2011, 115, 14000-14007. | 2.6 | 17 |
| 105 | Three-Particle Collisions in a Gas of Hard Spheres. <i>Physical Review A</i> , 1970, 2, 2461-2471. | 2.5 | 16 |
| 106 | Surface Texture Design to Generate Specific Sizes and Shapes of UHMWPE Wear Particles. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2003, 34, 976-988. | 0.9 | 16 |
| 107 | Communication: Minimum in the thermal conductivity of supercooled water: A computer simulation study. <i>Journal of Chemical Physics</i> , 2014, 140, 161104. | 3.0 | 16 |
| 108 | Critical phenomena in gases in the presence of gravity. <i>International Journal of Thermophysics</i> , 1985, 6, 545-559. | 2.1 | 15 |

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| 109 | Critical Locus of Aqueous Solutions of Sodium Chloride. International Journal of Thermophysics, 1999, 20, 1529-1545. | 2.1 | 15 |
| 110 | Viscosity of H2O in the Critical Region. International Journal of Thermophysics, 2009, 30, 374-384. | 2.1 | 15 |
| 111 | Non-equilibrium concentration fluctuations in binary liquids with realistic boundary conditions. European Physical Journal E, 2015, 38, 99. | 1.6 | 15 |
| 112 | Incorporating critical divergence of isochoric heat capacity into the soft-SAFT equation of state. AIChE Journal, 2015, 61, 3073-3080. | 3.6 | 15 |
| 113 | Nonequilibrium fluctuation-induced Casimir pressures in liquid mixtures. Physical Review E, 2016, 93, 032117. | 2.1 | 15 |
| 114 | Unusual Transformation of Polymer Coils in a Mixed Solvent Close to the Critical Point. Physical Review Letters, 2018, 121, 207802. | 7.8 | 15 |
| 115 | Drag coefficients and the generalized Boltzmann equation. Physics of Fluids, 1973, 16, 2347. | 1.4 | 14 |
| 116 | Thermal Fluctuations in Non-Equilibrium Thermodynamics. Journal of Non-Equilibrium Thermodynamics, 2007, 32, . | 4.2 | 14 |
| 117 | Viscosity of steam in the critical region. International Journal of Thermophysics, 1980, 1, 33-50. | 2.1 | 13 |
| 118 | Thermodynamics of Liquid-Liquid Criticality in Supercooled Water in a Mean-Field Approximation. International Journal of Thermophysics, 2012, 33, 758-773. | 2.1 | 13 |
| 119 | Fluctuating hydrodynamics and concentration fluctuations in ternary mixtures. Comptes Rendus - Mecanique, 2013, 341, 399-404. | 2.1 | 13 |
| 120 | Comment on Gibbs Density Surface of Fluid Argon, L.V. Woodcock, Int. J. Thermophys. (2014) 35:1770-1784. International Journal of Thermophysics, 2015, 36, 3001-3004. | 2.1 | 12 |
| 121 | Droplet growth in a dilute vapor. Journal of Chemical Physics, 1974, 61, 2800-2807. | 3.0 | 11 |
| 122 | A Note on the Critical Locus of Mixtures of Carbon Dioxide and Ethane. International Journal of Thermophysics, 2007, 28, 1181-1187. | 2.1 | 11 |
| 123 | Transverse-velocity fluctuations in a liquid under steady shear. Physical Review E, 2008, 77, 026306. | 2.1 | 11 |
| 124 | Concentration fluctuations in non-isothermal reaction-diffusion systems. II. The nonlinear case. Journal of Chemical Physics, 2011, 135, 124516. | 3.0 | 11 |
| 125 | Hydrodynamic Fluctuations in Laminar Fluid Flow. I. Fluctuating Orr-Sommerfeld Equation. Journal of Statistical Physics, 2011, 144, 774-792. | 1.2 | 11 |
| 126 | New International Formulation for the Viscosity of Heavy Water. Journal of Physical and Chemical Reference Data, 2021, 50, . | 4.2 | 11 |

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|-----|--|-----|-----------|
| 127 | Nonequilibrium velocity fluctuations and energy amplification in planar Couette flow. <i>Physical Review E</i> , 2009, 79, 046308. | 2.1 | 9 |
| 128 | Thermal Diffusivity of H ₂ O Near the Critical Point. <i>International Journal of Thermophysics</i> , 2009, 30, 1453-1465. | 2.1 | 9 |
| 129 | Mesoscopic Diffusion of Poly(ethylene oxide) in Pure and Mixed Solvents. <i>Journal of Physical Chemistry B</i> , 2018, 122, 3454-3464. | 2.6 | 9 |
| 130 | Universality of Critical Phenomena in Classical Fluids. , 1982, , 95-135. | | 9 |
| 131 | Finite thermal conductivity at the vapor-liquid critical line of a binary fluid mixture. <i>Physical Review E</i> , 1997, 56, R4943-R4946. | 2.1 | 8 |
| 132 | Encountering Surprises in Thermophysics. <i>International Journal of Thermophysics</i> , 2020, 41, 1. | 2.1 | 8 |
| 133 | Shear effects in a micellar solution near the critical point. <i>International Journal of Thermophysics</i> , 1997, 18, 379-386. | 2.1 | 7 |
| 134 | Hydrodynamic Fluctuations in Laminar Fluid Flow. II. Fluctuating Squire Equation. <i>Journal of Statistical Physics</i> , 2013, 150, 540-558. | 1.2 | 7 |
| 135 | Work, work fluctuations, and the work distribution in a thermal nonequilibrium steady state. <i>Physical Review E</i> , 2016, 94, 052128. | 2.1 | 6 |
| 136 | Frame-invariant Fick diffusion matrices of multicomponent fluid mixtures. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 17597-17604. | 2.8 | 6 |
| 137 | New International Formulation for the Thermal Conductivity of Heavy Water. <i>Journal of Physical and Chemical Reference Data</i> , 2022, 51, . | 4.2 | 6 |
| 138 | Thermal Conductivity of Mixtures of Carbon Dioxide and Ethane in the Critical Region. <i>International Journal of Thermophysics</i> , 2008, 29, 1205-1221. | 2.1 | 5 |
| 139 | Probing structural relaxation in complex fluids by critical fluctuations. <i>JETP Letters</i> , 2004, 79, 117-120. | 1.4 | 4 |
| 140 | Critical Locus of Aqueous Solutions of Sodium Chloride Revisited. <i>International Journal of Thermophysics</i> , 2012, 33, 943-958. | 2.1 | 4 |
| 141 | Title is missing!. <i>International Journal of Thermophysics</i> , 1999, 20, 1339-1366. | 2.1 | 3 |
| 142 | A Note on the Critical Enhancement of Transport Properties and Correlation Length of Fluids. <i>International Journal of Thermophysics</i> , 2013, 34, 2046-2052. | 2.1 | 3 |
| 143 | Physical origin of the expansion of polymer coils in a binary solvent in the vicinity of its demixing critical point. <i>Molecular Physics</i> , 2019, 117, 3806-3811. | 1.7 | 3 |
| 144 | Contrasting Work Fluctuations and Distributions in Systems with Short-Range and Long-Range Correlations. <i>Physical Review Letters</i> , 2017, 119, 030603. | 7.8 | 2 |

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|-----|--|-----|-----------|
| 145 | A tribute to Joseph Kestin (1913-1993). International Journal of Thermophysics, 1993, 14, 613-618. | 2.1 | 1 |
| 146 | Nonequilibrium Casimir pressures in liquids under shear. European Physical Journal E, 2019, 42, 106. | 1.6 | 1 |
| 147 | Mass Diffusion and Thermodiffusion in Multicomponent Fluid Mixtures. International Journal of Thermophysics, 2022, 43, 1. | 2.1 | 1 |
| 148 | Work probability distribution for a ferromagnet with long-ranged and short-ranged correlations. Physical Review E, 2018, 97, 042109. | 2.1 | 0 |