

# Jiangtao Wu

## List of Publications by Year in descending order

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151  
papers

3,532  
citations

201674

27  
h-index

189892

50  
g-index

156  
all docs

156  
docs citations

156  
times ranked

2472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of a domestic refrigerator using TiO <sub>2</sub> -R600a nano-refrigerant as working fluid. <i>Energy Conversion and Management</i> , 2011, 52, 733-737.	9.2	258
2	Improvement of Quality in Publication of Experimental Thermophysical Property Data: Challenges, Assessment Tools, Global Implementation, and Online Support. <i>Journal of Chemical &amp; Engineering Data</i> , 2013, 58, 2699-2716.	1.9	236
3	Reference Data for the Density and Viscosity of Liquid Copper and Liquid Tin. <i>Journal of Physical and Chemical Reference Data</i> , 2010, 39, .	4.2	206
4	Reference Data for the Density and Viscosity of Liquid Cadmium, Cobalt, Gallium, Indium, Mercury, Silicon, Thallium, and Zinc. <i>Journal of Physical and Chemical Reference Data</i> , 2012, 41, .	4.2	194
5	An Equation of State for the Thermodynamic Properties of Dimethyl Ether. <i>Journal of Physical and Chemical Reference Data</i> , 2011, 40, .	4.2	73
6	Energy demand and supply planning of China through 2060. <i>Energy</i> , 2021, 234, 121193.	8.8	72
7	Liquid Viscosity and Surface Tension of R1234yf and R1234ze Under Saturation Conditions by Surface Light Scattering. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 1366-1371.	1.9	69
8	Viscosity measurements for 2,3,3,3-tetrafluoroprop-1-ene (R1234yf) and trans-1,3,3,3-tetrafluoropropene (R1234ze(E)). <i>Journal of Chemical Thermodynamics</i> , 2013, 63, 24-30.	2.0	68
9	Realization of a multipath ultrasonic gas flowmeter based on transit-time technique. <i>Ultrasonics</i> , 2014, 54, 285-290.	3.9	68
10	Density measurements for 2,3,3,3-tetrafluoroprop-1-ene (R1234yf) and trans-1,3,3,3-tetrafluoropropene (R1234ze(E)). <i>Journal of Chemical Thermodynamics</i> , 2013, 60, 150-158.	2.0	59
11	Vapor Pressure Measurements of Dimethyl Ether from (233 to 399) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2004, 49, 32-34.	1.9	55
12	Vapor liquid equilibrium measurements for difluoromethane (R32) and 2,3,3,3-tetrafluoroprop-1-ene (R1234yf) and fluoroethane (R161) and 2,3,3,3-tetrafluoroprop-1-ene (R1234yf). <i>Fluid Phase Equilibria</i> , 2017, 438, 10-17.	2.5	55
13	Surface Tension of Dimethyl Ether from (213 to 368) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2003, 48, 1571-1573.	1.9	53
14	Surface Tensions of Mixtures of Diesel Oil or Gasoline and Dimethoxymethane, Dimethyl Carbonate, or Ethanol. <i>Energy &amp; Fuels</i> , 2006, 20, 2471-2474.	5.1	50
15	Viscosity and Density Measurements of Diisopropyl Ether and Dibutyl Ether at Different Temperatures and Pressures. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 2353-2358.	1.9	49
16	New Measurements of the Thermal Conductivity of PMMA, BK7, and Pyrex 7740 up to 450K. <i>International Journal of Thermophysics</i> , 2008, 29, 1257-1266.	2.1	47
17	Surface Tension and Liquid Viscosity of R32+R1234yf and R32+R1234ze. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 950-957.	1.9	47
18	Isothermal vapor liquid equilibrium measurements for difluoromethane (R32) and trans-1,3,3,3-tetrafluoropropene (R1234ze(E)). <i>Fluid Phase Equilibria</i> , 2017, 431, 58-65.	2.5	46

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19	Viscosity of Saturated Liquid Dimethyl Ether from (227 to 343) K. Journal of Chemical & Engineering Data, 2003, 48, 426-429.	1.9	44
20	Measurement of the Critical Parameters and the Saturation Densities of Dimethyl Ether. Journal of Chemical & Engineering Data, 2004, 49, 704-708.	1.9	39
21	Performance of mixture refrigerant R152a/R125/R32 in domestic air-conditioner. International Journal of Refrigeration, 2009, 32, 1049-1057.	3.4	35
22	Liquid density of biofuel mixtures: 1-Heptanol+heptane system at pressures up to 140MPa and temperatures from 298.15K to 393.15K. Journal of Chemical Thermodynamics, 2013, 65, 174-183.	2.0	34
23	Density and Viscosity Measurements of Dimethoxymethane and 1,2-Dimethoxyethane from 243 K to 373 K up to 20MPa. International Journal of Thermophysics, 2008, 29, 1244-1256.	2.1	33
24	Vapor Pressure Measurements of Dimethyl Ether from (213 to 393) K. Journal of Chemical & Engineering Data, 2008, 53, 2247-2249.	1.9	32
25	Compressed Liquid Viscosity of 1,1,1,3,3-Pentafluoropropane (R245fa) and 1,1,1,3,3,3-Hexafluoropropane (R236fa). Journal of Chemical & Engineering Data, 2011, 56, 4956-4964.	1.9	31
26	Thermodynamic Properties of <i>o</i> -Xylene, <i>m</i> -Xylene, <i>p</i> -Xylene, and Ethylbenzene. Journal of Physical and Chemical Reference Data, 2012, 41, 023103-023103-26.	4.2	30
27	Liquid density of HFE-7000 and HFE-7100 from T=(283 to 363)K at pressures up to 100MPa. Journal of Chemical Thermodynamics, 2014, 77, 131-136.	2.0	29
28	Experimental measurement and modelling of vapor-liquid equilibrium for 3,3,3- Trifluoropropene (R1243zf) and trans-1,3,3,3-Tetrafluoropropene (R1234ze(E)) binary system. International Journal of Refrigeration, 2020, 120, 137-149.	3.4	28
29	A Helmholtz Energy Equation of State for Sulfur Dioxide. Journal of Chemical & Engineering Data, 2016, 61, 2859-2872.	1.9	27
30	Surface tension and liquid viscosity measurement for binary mixtures of R134a with R1234yf and R1234ze(E). Fluid Phase Equilibria, 2016, 414, 60-64.	2.5	27
31	Thermodynamic Properties of Dimethyl Carbonate. Journal of Physical and Chemical Reference Data, 2011, 40, .	4.2	26
32	Effects of solar radiation, terrestrial radiation and lunar interior heat flow on surface temperature at the nearside of the Moon: Based on numerical calculation and data analysis. Advances in Space Research, 2017, 60, 938-947.	2.6	26
33	Experimental measurements of saturated vapor pressure and isothermal vapor-liquid equilibria for 1,1,1,2-Tetrafluoroethane (HFC-134a)+ 3,3,3-trifluoropropene (HFO-1243zf) binary system. Fluid Phase Equilibria, 2019, 498, 86-93.	2.5	26
34	Asphaltene Adsorption from Toluene onto Silica through Thin Water Layers. Langmuir, 2019, 35, 428-434.	3.5	26
35	Vapor Pressure of Dimethoxymethane and 1,1,1,3,3-Pentafluoropropane. Journal of Chemical & Engineering Data, 2006, 51, 186-189.	1.9	25
36	Density and viscosity measurements of diethyl ether from 243 to 373K and up to 20MPa. Fluid Phase Equilibria, 2008, 271, 1-5.	2.5	25

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37	Investigation on two abnormal phenomena about thermal conductivity enhancement of BN/EG nanofluids. <i>Nanoscale Research Letters</i> , 2011, 6, 443.	5.7	25
38	Volumetric properties of binary mixtures of {difluoromethane (R32) + trans-1,3,3,3-tetrafluoropropene (R1234ze(E))} at temperatures from 283.15 K to 363.15 K and pressures up to 100 MPa. <i>Journal of Chemical Thermodynamics</i> , 2016, 101, 54-63.	2.0	25
39	Vapor-Liquid Equilibria for the Binary and Ternary Systems of Difluoromethane (R32), 1,1-Difluoroethane (R152a), and 2,3,3,3-Tetrafluoroprop-1-ene (R1234yf). <i>Journal of Chemical &amp; Engineering Data</i> , 2018, 63, 771-780.	1.9	25
40	Vapor liquid equilibria for binary mixtures of difluoromethane (R32)+fluoroethane (R161) and fluoroethane (R161)+trans-1,3,3,3-tetrafluoropropene (R1234ze(E)). <i>Journal of Chemical Thermodynamics</i> , 2018, 118, 43-50.	2.0	25
41	Surface Tension of Dimethoxymethane and Methyltert-Butyl Ether. <i>Journal of Chemical &amp; Engineering Data</i> , 2006, 51, 1394-1397.	1.9	24
42	Thermal Conductivity of Liquid 1, 2-Dimethoxyethane from 243K to 353K at Pressures up to 30MPa. <i>International Journal of Thermophysics</i> , 2009, 30, 385-396.	2.1	24
43	Surface Tension of Diethyl Ether, Diisopropyl Ether, and Dibutyl Ether. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 1523-1526.	1.9	24
44	A Novel Portable Absolute Transient Hot-Wire Instrument for the Measurement of the Thermal Conductivity of Solids. <i>International Journal of Thermophysics</i> , 2015, 36, 3083-3105.	2.1	24
45	Vapour-liquid equilibria for the binary systems of pentafluoroethane {(R125)+2,3,3,3-tetrafluoroprop-1-ene (R1234yf)} and {trans-1,3,3,3-tetrafluoropropene R1234ze(E)}. <i>Journal of Chemical Thermodynamics</i> , 2020, 150, 106222.	2.0	24
46	The thermal conductivity of dimethyl carbonate in the liquid phase. <i>Fluid Phase Equilibria</i> , 2004, 220, 37-40.	2.5	23
47	Surface tension of dimethyl carbonate (C <sub>3</sub> H <sub>6</sub> O <sub>3</sub> ). <i>Fluid Phase Equilibria</i> , 2004, 220, 123-126.	2.5	23
48	Compressed liquid density measurements of dimethyl ether with a vibrating tube densimeter. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 1371-1374.	2.0	23
49	Double threshold ultrasonic distance measurement technique and its application. <i>Review of Scientific Instruments</i> , 2014, 85, 044905.	1.3	23
50	Density and Viscosity Measurements of Diethyl Adipate from (303 to 373) K and up to 20 MPa. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 1474-1478.	1.9	22
51	Surface tension and liquid viscosity measurement of ethyl fluoride (R161) under saturation condition. <i>Fluid Phase Equilibria</i> , 2015, 405, 25-30.	2.5	22
52	An Equation of State for Fluoroethane (R161). <i>International Journal of Thermophysics</i> , 2012, 33, 220-234.	2.1	21
53	Liquid density of HFE-7200 and HFE-7500 from T=(283 to 363)K at pressures up to 100MPa. <i>Journal of Chemical Thermodynamics</i> , 2014, 69, 36-42.	2.0	21
54	Thermodynamic Properties at Saturation Derived from Experimental Two-Phase Isochoric Heat Capacity of 1-Hexyl-3-methylimidazolium bis[(trifluoromethyl)sulfonyl]imide. <i>International Journal of Thermophysics</i> , 2016, 37, 1.	2.1	21

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55	Compressed Liquid Densities and Helmholtz Energy Equation of State for Fluoroethane (R161). International Journal of Thermophysics, 2016, 37, 1.	2.1	20
56	Saturated Liquid Dynamic Viscosity and Surface Tension of <i>trans</i> -1-Chloro-3,3,3-trifluoropropene and Dodecafluoro-2-methylpentan-3-one. Journal of Chemical & Engineering Data, 2018, 63, 751-756.	1.9	20
57	Flammability limits of binary mixtures of dimethyl ether with five diluent gases. Journal of Loss Prevention in the Process Industries, 2014, 29, 138-143.	3.3	19
58	An In Vitro and Numerical Study of Moxibustion Therapy on Biological Tissue. IEEE Transactions on Biomedical Engineering, 2018, 65, 779-788.	4.2	19
59	Surface Tension of Propane (R-290) + 1,1-Difluoroethane (R-152a) from (248 to 328) K. Journal of Chemical & Engineering Data, 2010, 55, 3077-3079.	1.9	18
60	Density and Viscosity of Saturated Liquid Dimethoxymethane from (218.15 to 383.15) K. Journal of Chemical & Engineering Data, 2005, 50, 966-968.	1.9	17
61	Viscosity modeling of several HFC refrigerants using the friction theory. Fluid Phase Equilibria, 2007, 262, 251-263.	2.5	17
62	Gas phase PVT properties and second virial coefficients of dimethyl ether. Fluid Phase Equilibria, 2010, 298, 298-302.	2.5	16
63	Experimental Measurement and Modeling of the Viscosity of Dimethyl Ether. Journal of Chemical & Engineering Data, 2012, 57, 988-993.	1.9	16
64	Surface tension of four oxygenated fuels: experiment and correlation. Fluid Phase Equilibria, 2017, 452, 9-15.	2.5	16
65	Measurement and Correlation of the Liquid Density and Viscosity of HFO-1336mzz(Z) ( <i>cis</i> -1,1,1,4,4,4-Hexafluoro-2-butene) at High Pressure. Journal of Chemical & Engineering Data, 2019, 64, 395-403.	1.9	16
66	Viscosity and interfacial tension of n-heptane with dissolved carbon dioxide by surface light scattering (SLS). Journal of Chemical Thermodynamics, 2021, 152, 106266.	2.0	16
67	Thermal Conductivity of Gaseous Dimethyl Ether from (263 to 383) K. Journal of Chemical & Engineering Data, 2006, 51, 164-168.	1.9	15
68	Surface tension of pentafluoroethane+1,1-difluoroethane from (243 to 328)K. Fluid Phase Equilibria, 2009, 287, 23-25.	2.5	15
69	Surface tension of diethyl carbonate, 1,2-dimethoxyethane and diethyl adipate. Fluid Phase Equilibria, 2010, 295, 46-49.	2.5	15
70	Thermal Conductivity of Liquid Diethyl Ether, Diisopropyl Ether, and Di- <i>n</i> -butyl Ether from (233) Tj ETQq0 0 Q r gBT /Overlock 10 T	1.9	15
71	Thermal Conductivity of Liquid 2-Methoxyethyl Acetate, 2-Ethylhexyl Acetate, and Diethyl Succinate. Journal of Chemical & Engineering Data, 2012, 57, 2863-2868.	1.9	15
72	Calcium Ion Bridging of Aqueous Carboxylates onto Silica: Implications for Low-Salinity Waterflooding. Energy & Fuels, 2019, 33, 127-134.	5.1	15

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73	Vapor phase pVTx measurements of binary mixtures of difluoromethane (R32) and 2,3,3,3-tetrafluoroprop-1-ene (R1234yf). Journal of Chemical Thermodynamics, 2019, 134, 41-51.	2.0	14
74	Phase Equilibria of Difluoromethane (R32), 1,1,1,2-Tetrafluoroethane (R134a), and <i>trans</i> -1,3,3,3-Tetrafluoro-1-propene (R1234ze(E)) Probed by Experimental Measurements and Monte Carlo Simulations. Industrial & Engineering Chemistry Research, 2021, 60, 739-752.	3.7	14
75	Thermal Conductivity of Liquid Dimethyl Ether from (233 to 373) K at Pressures up to 30 MPa. Journal of Chemical & Engineering Data, 2009, 54, 1720-1723.	1.9	13
76	Prediction of transport properties of pure noble gases and some of their binary mixtures by ab initio calculations. Fluid Phase Equilibria, 2010, 290, 55-62.	2.5	13
77	Surface tension of dimethyl ether+propane from 243 to 333K. Fluid Phase Equilibria, 2010, 298, 150-153.	2.5	13
78	Liquid Density of 2-Methoxyethyl Acetate, 2-Ethylhexyl Acetate, and Diethyl Succinate at Temperatures from 283.15 K to 363.15 K and Pressures up to 100 MPa. Journal of Chemical & Engineering Data, 2015, 60, 3532-3538.	1.9	13
79	Measurement and correlation of the liquid viscosity of <i>trans</i> -1-chloro-3,3,3-trifluoropropene (R1233zd(E)). Journal of Chemical Thermodynamics, 2018, 123, 140-145.	2.0	13
80	Viscosity modeling of some oxygenated fuels. Fuel, 2013, 107, 309-314.	6.4	12
81	Measurement and Correlation of the Viscosity of 1,1,1,2,2,4,5,5-Nonafluoro-4-(trifluoromethyl)-3-pentanone. Journal of Chemical & Engineering Data, 2017, 62, 3603-3609.	1.9	12
82	The thermal performance of biological tissue under moxibustion therapy. Journal of Thermal Biology, 2019, 83, 103-111.	2.5	12
83	Reference Correlations for the Thermal Conductivity of Solid BK7, PMMA, Pyrex 7740, Pyroceram 9606 and SS304. International Journal of Thermophysics, 2020, 41, 1.	2.1	12
84	Simultaneous measurement of the density and viscosity for n-Decane+CO <sub>2</sub> binary mixtures at temperature between (303.15 to 373.15) K and pressures up to 80MPa. Journal of Molecular Liquids, 2021, 338, 116646.	4.9	12
85	Thermal Conductivity of Some Oxygenated Fuels and Additives in the Saturated Liquid Phase. Journal of Chemical & Engineering Data, 2005, 50, 102-104.	1.9	11
86	Calculations of the thermophysical properties of binary mixtures of noble gases at low density from ab initio potentials. Molecular Physics, 2011, 109, 1607-1615.	1.7	11
87	Research on the inherent error of ultrasonic flowmeter in non-ideal hydrogen flow fields. International Journal of Hydrogen Energy, 2014, 39, 6104-6110.	7.1	11
88	Isobaric heat capacity measurements of liquid HFE-7200 and HFE-7500 from 245 to 353K at pressures up to 15MPa. Fluid Phase Equilibria, 2014, 372, 56-62.	2.5	11
89	Viscosity Measurements of Ethyl Fluoride (R161) from 243K to 363K at Pressures up to 30MPa. International Journal of Thermophysics, 2015, 36, 2497-2506.	2.1	11
90	Viscosity measurements of ortho -xylene, meta -xylene, para -xylene and ethylbenzene. Journal of Chemical Thermodynamics, 2016, 95, 116-123.	2.0	11

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91	Solubilities of difluoromethane (R32) in polyol ester, polyvinylether, and polyalkylene glycol base oils at temperatures from 273ÅK to 351ÅK. International Journal of Refrigeration, 2020, 111, 63-70.	3.4	11
92	Thermal Conductivity of HFC-245fa from (243 to 413) K. Journal of Chemical & Engineering Data, 2006, 51, 1424-1428.	1.9	10
93	Compressed liquid densities of 1,1,1,3,3-pentafluoropropane (HFC-245fa) and 1,1,1,3,3,3-hexafluoropropane (HFC-236fa). Fluid Phase Equilibria, 2011, 307, 1-5.	2.5	10
94	Compressed liquid densities of binary mixtures of n -decane& n -dodecane at temperatures from 283ÅK to 363ÅK and pressures up to 100&MPa. Fluid Phase Equilibria, 2018, 459, 65-72.	2.5	10
95	Liquid Density of <i>n</i>-Pentene, <i>n</i>-Hexene, and <i>n</i>-Heptene at Temperatures from 283.15 to 363.15 K and Pressures up to 100 MPa. Journal of Chemical & Engineering Data, 2018, 63, 2280-2289.	1.9	10
96	Solubilities of carbon dioxide, oxygen, and nitrogen in aqueous ethylene glycol solution under low pressures. Fluid Phase Equilibria, 2019, 485, 16-22.	2.5	10
97	Compressed Liquid Viscosity Measurements of HFE-7000, HFE-7100, HFE-7200, and HFE-7500 at Temperatures from (253 to 373) K and Pressures up to 30 MPa. Journal of Chemical & Engineering Data, 2015, 60, 3562-3570.	1.9	9
98	Isothermal vapor liquid equilibrium measurements for difluoromethane (R32)&trans-1,3,3,3-tetrafluoropropene (R1234ze(E)) ternary mixtures. International Journal of Refrigeration, 2017, 79, 49-56.	3.4	9
99	Compressed liquid densities of binary mixtures of difluoromethane (R32) and 2,3,3,3-tetrafluoroprop-1-Ene (R1234yf) at temperatures from (283 to 363) K and pressures up to 100&MPa. Journal of Chemical Thermodynamics, 2020, 141, 105935.	2.0	9
100	Thermal Diffusivity Measurement of Trans-1-chloro-3,3,3-trifluoropropene (R1233zd(E)) and Dodecafluoro-2-methylpentan-3-one (Novec1230) by the Dynamic Light Scattering Method. Journal of Chemical & Engineering Data, 2020, 65, 4236-4241.	1.9	9
101	Flammability limits of benzene, toluene, xylenes from 373 K to 473 K and flame-retardant effect of steam on benzene series. Chemical Engineering Research and Design, 2020, 137, 328-339.	5.6	9
102	Liquid viscosity, interfacial tension, thermal diffusivity and mutual diffusivity of n-Tetradecane with dissolved carbon dioxide. Fluid Phase Equilibria, 2021, 534, 112951.	2.5	9
103	Impact of high-quality-development strategy on energy demand of East China. Energy Strategy Reviews, 2021, 38, 100699.	7.3	9
104	Thermal Conductivity of Liquid Dimethoxymethane and Dimethoxymethane + Diesel Fuel at Pressures to 30 MPa. Journal of Chemical & Engineering Data, 2006, 51, 1743-1748.	1.9	8
105	Thermal diffusivity measurements of R1234yf and R1234ze(E) under saturation conditions using dynamic light scattering method. International Journal of Refrigeration, 2018, 86, 133-138.	3.4	8
106	Measurements of the Thermal Conductivity of <i>n</i>-Octane, Isooctane, 1-Octene, and 1-Octanol in the Temperature Range from 253 to 393 K at Pressures up to 30 MPa. Journal of Chemical & Engineering Data, 2019, 64, 4557-4564.	1.9	8
107	Viscosity Measurements of Dialkyl Adipates in the Temperature Range of (283 to 363) K and up to 40&MPa. International Journal of Thermophysics, 2019, 40, 1.	2.1	8
108	Measurements of density and viscosity of 1-hexadecanol in the temperature range from (328.15 to) Tj ETQq0 0 0 rgBT /Overlçk 10 Tf 5	2.0	8

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109	Experimental investigation for the solubilities of 2,3,3,3-tetrafluoroprop-1-ene (R1234yf) in polyol ester, polyvinylether, and polyalkylene glycol base oils. International Journal of Refrigeration, 2021, 125, 84-89.	3.4	8
110	Density and Viscosity Measurements of 1-Dodecanol and 1,12-Dodecanediol at Temperatures of up to 573.15 K and Pressures of up to 10 MPa. Journal of Chemical & Engineering Data, 2021, 66, 712-721.	1.9	8
111	Critical properties and vapor-liquid equilibrium of two near-azeotropic mixtures containing HFOs. International Journal of Refrigeration, 2022, 138, 133-147.	3.4	8
112	Viscosity of Gaseous HFC245fa. Journal of Chemical & Engineering Data, 2010, 55, 496-499.	1.9	7
113	New Procedures for Articles Reporting Thermophysical Properties. Journal of Chemical & Engineering Data, 2011, 56, 4279-4279.	1.9	7
114	Editorial: Molecular Modeling and Simulation in <i>JCED</i> . Journal of Chemical & Engineering Data, 2016, 61, 1-2.	1.9	7
115	Heat Capacity of Saturated and Compressed Liquid Dimethyl Ether at Temperatures from (132 to 345) K and at Pressures to 35 MPa. Journal of Chemical & Engineering Data, 2018, 63, 1713-1723.	1.9	7
116	Surface Tension Measurements by Pendant Drop Method of 10 Pure Long-Chain Alkanes and Alcohols for Temperatures up to 573.15 K. Journal of Chemical & Engineering Data, 2021, 66, 2615-2628.	1.9	7
117	Liquid Viscosity Measurements for the Binary and Ternary Refrigerant Mixtures of R134a, R1234ze(E), and R1234yf. Journal of Chemical & Engineering Data, 2022, 67, 1872-1881.	1.9	7
118	Thermal conductivity of liquid 1,1,1,3,3,3-hexafluoropropane (HFC-236fa) from 253K to 373K and pressure up to 30MPa. Fluid Phase Equilibria, 2011, 304, 64-67.	2.5	6
119	Compressed Liquid Densities of Binary Mixtures of 1-Butanol and Diethylene Glycol Dimethyl Ether from (283 to 363) K at Pressures up to 100 MPa. Journal of Chemical & Engineering Data, 2017, 62, 2937-2943.	1.9	6
120	Measurements of the Thermal Conductivity of <i>n</i> -Pentane, Isopentane, 1-Pentene, and 1-Pentanol in the Temperature Range from 253 to 373 K at Pressures up to 30 MPa. Journal of Chemical & Engineering Data, 2020, 65, 1993-2001.	1.9	6
121	A comparison study of photothermal effect between moxibustion therapy and laser irradiation on biological tissue. International Journal of Thermal Sciences, 2021, 164, 106924.	4.9	6
122	Equations of State for the Thermodynamic Properties of Three Hexane Isomers: 3-Methylpentane, 2,2-Dimethylbutane, and 2,3-Dimethylbutane. Journal of Physical and Chemical Reference Data, 2021, 50, .	4.2	6
123	Surface tension measurements and modelling of <i>n</i> -Hexadecane+ <i>n</i> -Dodecane, <i>n</i> -Hexadecane+2,2,4,4,6,8,8-Heptamethylnonane, <i>n</i> -Hexadecane+ <i>n</i> -Octacosane and <i>n</i> -Hexadecane+ <i>s</i> -Squalane binary mixtures between (303 and 573) K by pendant drop method. Journal of Chemical Thermodynamics, 2022, 170, 106782.	2.0	6
124	Flammability Limits of Binary Mixtures of 1,2-Ethanediol + Steam and 1,2-Propanediol + Steam. Journal of Chemical & Engineering Data, 2013, 58, 2681-2686.	1.9	5
125	An improved prediction equation of refrigerants surface tension based on the principle of corresponding states. Chemical Research in Chinese Universities, 2014, 30, 681-684.	2.6	5
126	Towards Moon-based monitoring of energy budget of the earth climate system. , 2016, , .		5



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127	The Effect of Moxibustion Stimulation on Local and Distal Skin Temperature in Healthy Subjects. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-10.	1.2	5
128	Determination of thermal and mutual diffusivity of n-heptane with dissolved carbon dioxide by dynamic light scattering. Fluid Phase Equilibria, 2020, 526, 112804.	2.5	5
129	Highlighting 10 Years of NIST Cooperation and Service to the Thermophysical Properties Data Community. Journal of Chemical & Engineering Data, 2019, 64, 4191-4192.	1.9	4
130	Simultaneously measurements of the PVT and thermal $\alpha$ pressure coefficient of benzene in the critical and supercritical regions. Journal of Molecular Liquids, 2019, 293, 111381.	4.9	4
131	Liquid viscosity for binary mixtures of R22+R1234ze(E) and R22+R1234yf from (273 to 353) K at pressures up to 15MPa. Journal of Chemical Thermodynamics, 2022, 164, 106641.	2.0	4
132	Equations of State for the Thermodynamic Properties of <i>n</i> -Perfluorobutane, <i>n</i> -Perfluoropentane, and <i>n</i> -Perfluorohexane. Industrial & Engineering Chemistry Research, 2021, 60, 17207-17227.	3.7	4
133	A Simple Model with Wide Applicability for the Determination of Binary Interaction Parameters for Mixtures of <i>n</i> -Alkanes with Carbon Dioxide and Nitrogen. Industrial & Engineering Chemistry Research, 2022, 61, 12229-12238.	3.7	4
134	Compressed Liquid Viscosity of 2-Methylpentane, 3-Methylpentane, and 2,3-Dimethylbutane at Temperatures from (273 to 343) K and Pressures up to 40 MPa. Journal of Chemical & Engineering Data, 2017, 62, 1146-1152.	1.9	3
135	PVT and Thermal-Pressure Coefficient Measurements and Derived Thermodynamic Properties of 2-Propanol in the Critical and Supercritical Regions. International Journal of Thermophysics, 2020, 41, 1.	2.1	3
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