

# Kazuhiro Tamura

## List of Publications by Year in descending order

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121  
papers

1,774  
citations

279487

23  
h-index

360668

35  
g-index

123  
all docs

123  
docs citations

123  
times ranked

734  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Excess molar enthalpies of {methanol or ethanol + (2-butanone + benzene)} at 298.15 K. Journal of Chemical Thermodynamics, 1990, 22, 279-283.   | 1.0 | 94        |
| 2  | Title is missing!. Journal of Solution Chemistry, 2000, 29, 463-488.  | 0.6 | 70        |
| 3  | Cosolvent-modified supercritical carbon dioxide extraction of phenolic compounds from bamboo leaves ( <i>Sasa palmata</i> ). Journal of Supercritical Fluids, 2014, 94, 123-129.  | 1.6 | 63        |
| 4  | Excess enthalpies of binary and ternary mixtures of methanol with acetone, chloroform, benzene, and tetrachloromethane. Fluid Phase Equilibria, 1983, 15, 67-79.  | 1.4 | 52        |
| 5  | Binary and ternary solubilities of disperse dyes and their blend in supercritical carbon dioxide. Fluid Phase Equilibria, 2004, 219, 25-32.   | 1.4 | 52        |
| 6  | Excess molar volumes of $\{x\text{CH}_3(\text{CH}_2)_v + (1-x)\text{CH}_3(\text{CH}_2)_w + 2\text{CH}_3\text{OH} + (1-x)\text{C}_6\text{H}_{12}\}$ for $v=5$ to 8, and $w=6$ to 8 at the temperature 298.15 K. Journal of Chemical Thermodynamics, 1996, 28, 551-557. | 1.0 | 51        |
| 7  | Solubilities of C.I. Disperse Red 1 and C.I. Disperse Red 13 in supercritical carbon dioxide. Fluid Phase Equilibria, 2003, 213, 115-123.   | 1.4 | 46        |
| 8  | Excess enthalpies and complex formation of acetonitrile with acetone, chloroform, and benzene. Thermochimica Acta, 1981, 47, 315-331.   | 1.2 | 45        |
| 9  | Solubility of anthraquinone derivatives in supercritical carbon dioxide. Dyes and Pigments, 2015, 113, 351-356.   | 2.0 | 45        |
| 10 | Solubility of 1-aminoanthraquinone and 1-nitroanthraquinone in supercritical carbon dioxide. Journal of Chemical Thermodynamics, 2017, 104, 162-168.  | 1.0 | 40        |
| 11 | Ternary liquid-liquid equilibria for (water+terpene+1-propanol or 1-butanol) systems at the temperature 298.15K. Fluid Phase Equilibria, 2008, 263, 223-230.  | 1.4 | 39        |
| 12 | Solubilities of C.I. Disperse Orange 25 and C.I. Disperse Blue 354 in Supercritical Carbon Dioxide. Journal of Chemical & Engineering Data, 2003, 48, 869-873.  | 1.0 | 38        |
| 13 | Measurement and correlation of solubility of anthraquinone dyestuffs in supercritical carbon dioxide. Journal of Chemical Thermodynamics, 2014, 74, 119-125.  | 1.0 | 38        |
| 14 | Mutual Solubilities of Terpene in Methanol and Water and Their Multicomponent Liquid-Liquid Equilibria. Journal of Chemical & Engineering Data, 2005, 50, 2013-2018.  | 1.0 | 37        |
| 15 | Thermodynamics of solutions of methanol and solvating components. Thermochimica Acta, 1982, 57, 331-349.  | 1.2 | 36        |
| 16 | Excess molar enthalpies for the methanol-1-butanol-benzene system at 25.degree.C. Journal of Chemical & Engineering Data, 1988, 33, 283-285.  | 1.0 | 34        |
| 17 | Solubility of Quetiapine hemifumarate (antipsychotic drug) in supercritical carbon dioxide: Experimental, modeling and Hansen solubility parameter application. Fluid Phase Equilibria, 2021, 537, 113003.  | 1.4 | 34        |
| 18 | Thermodynamics of alcohol solutions. Excess molar enthalpies of ternary mixtures containing two alcohols and one active nonassociating component. Thermochimica Acta, 1986, 104, 179-202.   | 1.2 | 33        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Excess enthalpies for the systems acetonitrile-benzene-tetrachloromethane and acetonitrile-dichloromethane-tetrachloromethane at 298.15 K. <i>Fluid Phase Equilibria</i> , 1982, 8, 75-86.   | 1.4 | 32        |
| 20 | Ternary and quaternary (liquid+liquid) equilibria for (water+ethanol+ $\alpha$ -pinene, + $\beta$ -pinene, or +limonene) and (water+ethanol+ $\alpha$ -pinene+limonene) at the temperature 298.15K. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 1036-1041.                           | 1.0 | 32        |
| 21 | Supercritical CO <sub>2</sub> dyeing for nylon, acrylic, polyester, and casein buttons and their optimum dyeing conditions by design of experiments. <i>Journal of CO<sub>2</sub> Utilization</i> , 2019, 33, 253-261.   | 3.3 | 28        |
| 22 | Excess molar enthalpies of (propan-1-ol or propan-2-ol + acetonitrile), (propan-1-ol or propan-2-ol + Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50<br>Chemical Thermodynamics, 1988, 20, 87-93.  | 1.0 | 27        |
| 23 | Ternary and Quaternary Liquid-Liquid Equilibria for Fuel Additives of the Water + Methanol + Toluene and Water + Methanol + Toluene + Methyltert-Butyl Ether ortert-Amyl Methyl Ether Systems at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2001, 46, 1381-1386.            | 1.0 | 27        |
| 24 | Association model of fluids. Phase equilibria and excess enthalpies in acid mixtures. <i>Fluid Phase Equilibria</i> , 1996, 124, 31-54.  | 1.4 | 25        |
| 25 | Measurement and Correlation of Derivatized Anthraquinone Solubility in Supercritical Carbon Dioxide. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 3046-3052.  | 1.0 | 25        |
| 26 | Excess enthalpies of binary and ternary mixtures of acetonitrile with methanol, ethanol and benzene. <i>Fluid Phase Equilibria</i> , 1985, 24, 289-306.  | 1.4 | 23        |
| 27 | Thermodynamics of solutions of ethanol in nonassociating components. <i>Thermochimica Acta</i> , 1984, 77, 281-297.  | 1.2 | 22        |
| 28 | Excess molar enthalpies of (butan-1-ol or 2-methylpropan-1-ol +acetonitrile), (2-methylpropan-1-ol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50<br>Chemical Thermodynamics, 1988, 20, 1101-1107.  | 1.0 | 21        |
| 29 | Ternary excess molar enthalpies of chloroform + acetone + cyclohexane mixtures at 298.15 K. <i>Thermochimica Acta</i> , 1992, 209, 31-41.  | 1.2 | 20        |
| 30 | Activity correction on electrochemical reaction and diffusion in lithium intercalation electrodes for discharge/charge simulation by single particle model. <i>Electrochimica Acta</i> , 2014, 115, 75-85.   | 2.6 | 20        |
| 31 | Thermodynamics of associating component + saturated hydrocarbon mixtures at low pressuresâ€”IV. Correlation of vapour pressures and volumetric properties of some aliphatic amines and their mixtures with n-alkanes in terms of association. <i>Fluid Phase Equilibria</i> , 1988, 39, 39-51. | 1.4 | 19        |
| 32 | Thermodynamics of solutions of propanols in nonassociating components. <i>Thermochimica Acta</i> , 1985, 87, 129-140.  | 1.2 | 18        |
| 33 | Excess molar enthalpies HE of ternary mixtures of (methanol+ethanol+1-propanol or 2-propanol) at 298.15 K. <i>Fluid Phase Equilibria</i> , 1998, 149, 147-161.   | 1.4 | 17        |
| 34 | Excess molar enthalpies of (ethanol + tetrachloromethane) and (ethyl ethanoate + cyclohexane), and of (ethanol + benzene + tetrachloromethane) and (ethanol + ethyl ethanoate + cyclohexane) at 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1984, 16, 975-980.                       | 1.0 | 16        |
| 35 | Estimation of boiling and melting points of light, heavy and complex hydrocarbons by means of a modified group vector space method. <i>Fluid Phase Equilibria</i> , 2006, 239, 213-222.  | 1.4 | 16        |
| 36 | Solubility of Anthraquinone Derivatives in Supercritical Carbon Dioxide: New Correlations. <i>Molecules</i> , 2021, 26, 460.   | 1.7 | 16        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Liquid-liquid equilibria for quaternary mixtures of water, ethanol, and 2,2,4-trimethylpentane with fuel additives. <i>Fluid Phase Equilibria</i> , 2000, 171, 115-126.   | 1.4 | 15        |
| 38 | Calculation of diffusion coefficient for supercritical carbon dioxide and carbon dioxide+naphthalene system by molecular dynamics simulation using EPM2 model. <i>Molecular Simulation</i> , 2010, 36, 772-777.   | 0.9 | 15        |
| 39 | Excess molar enthalpies of chlorobenzene + methanol, + acetonitrile, and + ethanol, and of (acetonitrile + chlorobenzene) + methanol and + ethanol at 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1986, 18, 39-44.  | 1.0 | 14        |
| 40 | Excess molar enthalpies of binary and ternary mixtures formed by methanol, 2-butanol and benzene. <i>Fluid Phase Equilibria</i> , 1988, 41, 127-139.  | 1.4 | 14        |
| 41 | Excess enthalpies for (propan-1-ol or propan-2-ol+1,1-dimethylethyl methyl ether+benzene) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1995, 27, 1067-1073.   | 1.0 | 14        |
| 42 | Thermodynamics of solutions of butanols in hydrocarbons. <i>Thermochimica Acta</i> , 1987, 121, 447-462.  | 1.2 | 13        |
| 43 | Ternary (liquid+liquid) equilibria for $\hat{1}^2$ -citronellol in aqueous alcohol at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2012, 53, 16-22.  | 1.0 | 13        |
| 44 | Thermodynamics of amine solutions. <i>Thermochimica Acta</i> , 1986, 101, 305-323.  | 1.2 | 12        |
| 45 | Excess enthalpies of (aniline + acetonitrile or benzene) and of (aniline + acetonitrile + benzene) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1992, 24, 613-617.  | 1.0 | 12        |
| 46 | Temperature Dependence on Mutual Solubility Data of the Binary (Methanol + $\hat{1}^{\pm}$ -Pinene or $\hat{1}^2$ -Pinene) Systems and Ternary Liquid-Liquid Equilibria for the (Methanol + Ethanol + $\hat{1}^{\pm}$ -Pinene or $\hat{1}^2$ -Pinene) Systems. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 2417-2421. | 1.0 | 12        |
| 47 | Temperature dependence on mutual solubility of binary (methanol+limonene) mixture and (liquid+liquid) equilibria of ternary (methanol+ethanol+limonene) mixture. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 564-568.   | 1.0 | 12        |
| 48 | Surface modification of TiO <sub>2</sub> nanoparticles with terephthalic acid in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2021, 174, 105245.  | 1.6 | 12        |
| 49 | Thermodynamics of solutions of acetonitrile with methanol and ethanol. <i>Thermochimica Acta</i> , 1985, 86, 85-99.   | 1.2 | 11        |
| 50 | Excess molar enthalpies of (propan-1-ol + butan-2-one) and of (propan-1-ol or propan-2-ol +) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 1 359-364.  | 1.0 | 11        |
| 51 | Ternary Excess Molar Enthalpies for Methanol or Ethanol + 1-Propanol + 2-Propanol at the Temperature 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1999, 44, 626-630.   | 1.0 | 11        |
| 52 | Isothermal vapor-liquid equilibria of mixtures of (methanol+ethanol+1-propanol or 2-propanol) at 333.15 K. <i>Fluid Phase Equilibria</i> , 2000, 170, 37-48.  | 1.4 | 11        |
| 53 | (Ternary liquid+liquid) equilibria for (water+acetone+ $\hat{1}^{\pm}$ -pinene, or $\hat{1}^2$ -pinene, or limonene) mixtures. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 1400-1405.   | 1.0 | 11        |
| 54 | Liquid-Liquid Phase Behaviors of Geraniol in Aqueous Alcohol Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 148-154.   | 1.0 | 11        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Process optimization, reaction kinetics, and thermodynamics studies of water addition on supercritical methyl acetate for continuous biodiesel production. <i>Journal of Supercritical Fluids</i> , 2020, 166, 105038.  | 1.6 | 11        |
| 56 | Thermodynamics of complex formation in ternary liquid mixtures containing acetonitrile. <i>Thermochimica Acta</i> , 1981, 44, 157-169.  | 1.2 | 10        |
| 57 | Excess enthalpies for the ternary systems 1-propanol-acetonitrile-benzene and 2-propanol-acetonitrile-benzene at 25.degree.C. <i>Journal of Chemical &amp; Engineering Data</i> , 1986, 31, 410-413.  | 1.0 | 10        |
| 58 | Thermodynamics of solutions containing acetonitrile and 1-butanol. <i>Thermochimica Acta</i> , 1988, 124, 53-63.  | 1.2 | 10        |
| 59 | Excess molar enthalpies of (butan-2-ol + acetonitrile), (2-methylpropan-2-ol + acetonitrile or benzene), (acetonitrile + benzene), and {butan-2-ol or 2-methylpropan-2-ol + (acetonitrile + benzene)}. <i>Journal of Chemical Thermodynamics</i> , 1989, 21, 955-962. | 1.0 | 10        |
| 60 | Excess molar enthalpies of (methanol+1-propanol)+oxane or 1,4-dioxane mixtures at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2003, 35, 1657-1669.  | 1.0 | 10        |
| 61 | Excess molar enthalpies of {tetrachloromethane + propan-1-ol or + propan-2-ol} and of {(tetrachloromethane + benzene) + propan-1-ol or + propan-2-ol} at 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1986, 18, 827-833.                                     | 1.0 | 9         |
| 62 | Excess molar enthalpies of ternary mixtures formed by methanol and methyl tert-butyl ether with ethanol or 1-propanol at 298.15 K. <i>Thermochimica Acta</i> , 2001, 376, 9-16.   | 1.2 | 9         |
| 63 | Ternary and Quaternary Liquid-Liquid Equilibria for the Water + Cyclohexane + Ethyl Acetate and Water + Cyclohexane + Ethyl Acetate + Acetic Acid Systems at the Temperature 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2000, 45, 555-558.         | 1.0 | 8         |
| 64 | Excess Molar Enthalpies of Ternary Mixtures of Ethanol + 1-Propanol + Tetrahydropyran or 1,4-Dioxane at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2005, 50, 66-71.  | 1.0 | 8         |
| 65 | Representation of solubilities of phenylthioanthraquinone in supercritical carbon dioxide using Hansen solubility parameter. <i>Fluid Phase Equilibria</i> , 2019, 489, 68-74.  | 1.4 | 8         |
| 66 | Excess enthalpies of acetonitrile + trichloromethane, + ethyl acetate, and + methyl acetate, and of (acetonitrile + trichloromethane) + ethyl acetate and + methyl acetate at 308.15 K. <i>Journal of Chemical Thermodynamics</i> , 1983, 15, 721-724.                | 1.0 | 7         |
| 67 | Thermodynamics of liquid mixtures of acids. II. Vapor-liquid equilibria and excess molar enthalpies of alkanolic acid mixtures with hydrocarbons. <i>Fluid Phase Equilibria</i> , 1991, 64, 61-72.  | 1.4 | 7         |
| 68 | Excess Molar Enthalpies of Ternary Systems Butan-1-ol or Butan-2-ol + Aniline + Propanone and of Binary Systems Butan-1-ol or Butan-2-ol + Propanone at the Temperature 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 593-597.              | 1.0 | 7         |
| 69 | Ternary excess molar enthalpies for the mixtures of methanol and ethanol with tetrahydropyran or 1,4-dioxane at 298.15 K. <i>Thermochimica Acta</i> , 2003, 405, 137-146.   | 1.2 | 7         |
| 70 | Mutual solubility measurements and correlations of imidazolium-based ionic liquid mixtures with alcohols. <i>Journal of Chemical Thermodynamics</i> , 2012, 46, 72-79.  | 1.0 | 7         |
| 71 | Excess molar enthalpies for the 1-butanol-benzene-cyclohexane system at 25.degree.C. <i>Journal of Chemical &amp; Engineering Data</i> , 1987, 32, 45-47.   | 1.0 | 6         |
| 72 | Thermodynamics of liquid mixtures of acids. I. Liquid-phase association constants for alkanolic acids from the properties of pure fluids. <i>Fluid Phase Equilibria</i> , 1991, 64, 49-60.  | 1.4 | 6         |

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|----|--|-----|-----------|
| 73 | Correlation of liquid-liquid equilibria in aqueous and organic systems using a modified Wilson model. <i>Journal of Solution Chemistry</i> , 1996, 25, 567-587.  | 0.6 | 6         |
| 74 | Association Model of Fluids. Phase Equilibria and Excess Enthalpies in Mixtures Containing Alcohol and Acetonitrile. <i>Zeitschrift Fur Physikalische Chemie</i> , 1997, 199, 1-23.  | 1.4 | 6         |
| 75 | Ternary (liquid+liquid) equilibria for (acetonitrile+ethanol or 1-propanol+heptane) and (aniline+methanol+cyclohexane). <i>Journal of Chemical Thermodynamics</i> , 1997, 29, 941-948.   | 1.0 | 6         |
| 76 | Title is missing!. <i>Journal of Solution Chemistry</i> , 2001, 30, 291-305.   | 0.6 | 6         |
| 77 | Excess molar enthalpies of ternary mixtures of (methanol, ethanol+2-propanol+1,4-dioxane) at T=298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2004, 36, 549-554.  | 1.0 | 6         |
| 78 | Application of Gibbs energy model to equilibrium potential for structural phase transition in lithium intercalation process. <i>Fluid Phase Equilibria</i> , 2013, 357, 19-23.   | 1.4 | 6         |
| 79 | Thermodynamics of solutions of acetonitrile with propanols. <i>Thermochimica Acta</i> , 1986, 98, 147-158.   | 1.2 | 5         |
| 80 | (Liquid+liquid) equilibria for (methanol+aniline or acetonitrile+cyclohexane+heptane) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 1995, 27, 1147-1152.  | 1.0 | 5         |
| 81 | Vapor-Liquid Equilibria for Methanol + Acetone + Acetonitrile + Benzene at 328.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 1135-1137.  | 1.0 | 5         |
| 82 | Excess molar enthalpies for (acetonitrile + 1,1-dimethylethyl methyl ether) and (methanol, or ethanol) <i>Journal of Chemical Thermodynamics</i> , 1999, 31, 181-189.  | 1.0 | 5         |
| 83 | Title is missing!. <i>Journal of Solution Chemistry</i> , 2000, 29, 815-835.   | 0.6 | 5         |
| 84 | Excess Molar Enthalpies for Ethanol + 2-Propanol + Methyltert-Butyl Ether and 1-Propanol + 2-Propanol + Methyltert-Butyl Ether at the Temperature of 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2001, 46, 1499-1503.                                | 1.0 | 5         |
| 85 | An associated-solution model for hydrogen-bonding molecules and multicomponent liquid-liquid equilibria for methanol, methyl tert-butyl ether, tert-amyl methyl ether, toluene, and 2,2,4-trimethylpentane mixtures. <i>Fluid Phase Equilibria</i> , 2001, 191, 15-31. | 1.4 | 5         |
| 86 | Cloud point measurements of 1-butyl-2,3-dimethylimidazolium tetrafluoroborate with alcohols. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 1478-1484.  | 1.0 | 5         |
| 87 | Phase behavior and solid-liquid equilibria of aliphatic and aromatic carboxylic acid mixtures. <i>Fluid Phase Equilibria</i> , 2016, 420, 24-29.   | 1.4 | 5         |
| 88 | Prediction of ternary excess molar enthalpies for n-butylamine + 1,4-dioxane + acetonitrile from binary data alone. <i>Thermochimica Acta</i> , 1993, 230, 83-93.  | 1.2 | 4         |
| 89 | Excess Molar Enthalpies of Ternary Mixtures for Propanone or Benzene + Aniline + 2-Methyl-1-propanol and of Binary Mixtures for Propanone or Aniline + 2-Methyl-1-propanol at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 1350-1354.       | 1.0 | 4         |
| 90 | Ternary Vapor-Liquid Equilibria of Ethanol + Acetone + Benzene at 318.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 870-872.   | 1.0 | 4         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 91  | Association model of fluids. Simultaneous representation of excess Gibbs energies and excess enthalpies for liquid mixtures with alkanols. <i>Fluid Phase Equilibria</i> , 1997, 135, 227-247.  | 1.4 | 4         |
| 92  | Phase equilibrium calculations using a modified form of the complete local concentration model. <i>Fluid Phase Equilibria</i> , 1997, 135, 209-226.   | 1.4 | 4         |
| 93  | Direct calculation of mutual diffusion coefficients of binary system using non-equilibrium molecular dynamics simulation. <i>Fluid Phase Equilibria</i> , 2015, 402, 83-88.   | 1.4 | 4         |
| 94  | Measurement and correlation of 1, 4-diamino-2-methoxyanthraquinone and 1-amino-2-methoxy-4-hydroxyanthraquinone in supercritical CO <sub>2</sub> . <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2021, 44, 64-71. | 0.6 | 4         |
| 95  | A new biodiesel production by water addition to supercritical tert-butyl methyl ether using a plug flow reactor. <i>Fuel</i> , 2021, 305, 121512.   | 3.4 | 4         |
| 96  | Thermodynamics of solutions of acetonitrile with 2-methyl-1-propanol. <i>Thermochimica Acta</i> , 1989, 140, 109-120.   | 1.2 | 3         |
| 97  | Excess enthalpies for (propanone + 1,1-dimethylethyl methyl ether) and methanol + propanone + 29, 31-36.  | 1.0 | 3         |
| 98  | Excess molar enthalpies of (acetonitrile + butan-2-one) and (methanol+ acetonitrile + butan-2-one) at T= 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2001, 33, 95-102.  | 1.0 | 3         |
| 99  | Solid-Liquid Equilibria for Biphenyl-n-Tetracosane Binary Mixtures and n-Tetracosane-Dibenzofuran-Biphenyl Ternary Mixtures: Experimental Data and Prediction with UNIFAC Models. <i>International Journal of Thermophysics</i> , 2022, 43, .   |     | 3         |
| 100 | Thermodynamics of associated solutions containing acetonitrile and 2-butanol. <i>Thermochimica Acta</i> , 1989, 154, 333-344.   | 1.2 | 2         |
| 101 | Quaternary Liquid-Liquid Equilibria of Acetonitrile + 2-Propanol + Cyclohexane + Heptane at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 873-875.  | 1.0 | 2         |
| 102 | Quaternary Liquid-Liquid Equilibria for the Acetonitrile + 1-Propanol + Cyclohexane + Heptane System at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 1346-1349.  | 1.0 | 2         |
| 103 | Isothermal (vapour + liquid) equilibria of (methanol or ethanol + butan-2-ol + acetonitrile + benzene). <i>Journal of Chemical Thermodynamics</i> , 1996, 28, 559-565.  | 1.0 | 2         |
| 104 | Isothermal (vapour + liquid) equilibria of (ethanol + propanone + acetonitrile + benzene) at the temperature 318.15 K. <i>Journal of Chemical Thermodynamics</i> , 1998, 30, 153-159.   | 1.0 | 2         |
| 105 | Excess molar enthalpies for (propan-1-ol or propan-2-ol + acetonitrile+ 1,1-dimethylethyl methyl ether) at the temperature 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2000, 32, 197-205.   | 1.0 | 2         |
| 106 | Development of a biaxial stretching test machine and its applications. <i>Journal of Polymer Engineering</i> , 2018, 38, 605-616.   | 0.6 | 2         |
| 107 | Excess molar enthalpies of (propan-1-ol + ethyl ethanoate + cyclohexane) and (propan-2-ol + ethyl) $T_j$ ETQq1 1 0.784314 rgBT <sub>1</sub> /Overlock   | 1.0 | 1         |
| 108 | Thermodynamics of associated solutions of acetonitrile and 2-methyl-2-propanol. <i>Thermochimica Acta</i> , 1990, 162, 355-366.   | 1.2 | 1         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | (Liquid + liquid) equilibria for (acetonitrile + aniline + cyclohexane + toluene) and (ethanol +) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf   | 1.0 | 1         |
| 110 | Ternary Vapor-Liquid Equilibria of 2-Propanol + Cyclohexane + Toluene at 318.15 K. Journal of Chemical & Engineering Data, 1996, 41, 1355-1357.  | 1.0 | 1         |
| 111 | (Liquid + liquid) equilibria for (acetonitrile + aniline + heptane + benzene or methanol) at the temperature 298.15 K. Journal of Chemical Thermodynamics, 1998, 30, 179-188.  | 1.0 | 1         |
| 112 | Quaternary (liquid + liquid) equilibria for (water + ethanol + toluene + 1,1-dimethylethyl methyl ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf   | 1.0 | 1         |
| 113 | Ternary excess molar enthalpies of (1-propanol+2-propanol+1,4-dioxane) mixture at 298.15K. Thermochimica Acta, 2005, 437, 34-38.   | 1.2 | 1         |
| 114 | Quaternary (liquid+liquid) equilibria for (methanol+2,2,4-trimethylpentane+toluene+1,1-dimethylpropyl methyl ether or 1,1-dimethylethyl methyl) Tj ETQq0.0 0 rgBT /Overlock  | 1.0 | 1         |
| 115 | Activity correction in a moving-boundary model for electrochemical lithium intercalation and discharge/charge voltage in LiCoO <sub>2</sub> electrodes. Journal of Applied Electrochemistry, 2017, 47, 381-392.            | 1.5 | 1         |
| 116 | The evaluation of biaxial stretchability of polypropylene films using a newly developed test machine. AIP Conference Proceedings, 2019, , .  | 0.3 | 1         |
| 117 | A modification of the complete local concentration model. Chemical Engineering Science, 1997, 52, 3223-3225.   | 1.9 | 0         |
| 118 | Excess molar volumes in {octylamine + (hexane + heptane), or (cyclohexane + hexane), or (cyclohexane) Tj ETQq0 0 0 rgBT /Overlock 10   | 1.0 | 0         |
| 119 | Intra- and Inter-Molecular Potential Parameters for Molecular Dynamics Simulation of Benzene and Cyclohexane Mixture. Journal of Chemical Engineering of Japan, 2014, 47, 849-854.   | 0.3 | 0         |
| 120 | Solubility correlation of anthraquinone derivatives in supercritical carbon dioxide. AIP Conference Proceedings, 2017, , .   | 0.3 | 0         |
| 121 | In situ simultaneous measurement of stress, retardation, and three-dimensional refractive indexes during biaxial stretching experiments under various preheating times. Journal of Polymer Engineering, 2018, 38, 703-713. | 0.6 | 0         |