

Fernando J P Caetano

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

839
citations

393982

19
h-index

500791

28
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40
all docs

40
docs citations

40
times ranked

639
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Education for sustainable development through e-learning in higher education: experiences from Portugal. <i>Journal of Cleaner Production</i> , 2015, 106, 308-319. | 4.6 | 171 |
| 2 | Validation of a Vibrating-Wire Viscometer: Measurements in the Range of 0.5 to 135 mPa·s. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 201-205. | 1.0 | 45 |
| 3 | An Industrial Reference Fluid for Moderately High Viscosity. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 2003-2011. | 1.0 | 43 |
| 4 | Viscosity Measurements of the Ionic Liquid Trihexyl(tetradecyl)phosphonium Dicyanamide [P _{6,6,6,14}][dca] Using the Vibrating Wire Technique. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 1015-1025. | 1.0 | 39 |
| 5 | New Measurements of the Viscosity of Diisodecyl Phthalate Using a Vibrating Wire Technique. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 1875-1878. | 1.0 | 37 |
| 6 | Viscosity of Di-isodecylphthalate: A Potential Standard of Moderate Viscosity. <i>International Journal of Thermophysics</i> , 2004, 25, 1311-1322. | 1.0 | 35 |
| 7 | Viscosity Measurements of Liquid Toluene at Low Temperatures Using a Dual Vibrating-Wire Technique. <i>International Journal of Thermophysics</i> , 2004, 25, 1-11. | 1.0 | 33 |
| 8 | Viscosity measurements of three ionic liquids using the vibrating wire technique. <i>Fluid Phase Equilibria</i> , 2013, 353, 76-86. | 1.4 | 33 |
| 9 | Volumetric Properties and Spectroscopic Studies of Pyridine or Nicotine Solutions in Liquid Polyethylene Glycols. <i>Journal of Physical Chemistry B</i> , 2011, 115, 8481-8492. | 1.2 | 32 |
| 10 | Viscosity Measurements on Ionic Liquids: A Cautionary Tale. <i>International Journal of Thermophysics</i> , 2014, 35, 1615-1635. | 1.0 | 28 |
| 11 | Viscosity and density measurements on liquid n-tetradecane at moderately high pressures. <i>Fluid Phase Equilibria</i> , 2017, 453, 46-57. | 1.4 | 25 |
| 12 | Electrolytic Conductivity of Four Imidazolium-Based Ionic Liquids. <i>International Journal of Thermophysics</i> , 2013, 34, 1265-1279. | 1.0 | 24 |
| 13 | Tris(2-ethylhexyl) trimellitate (TOTM) a potential reference fluid for high viscosity. Part I: Viscosity measurements at temperatures from (303 to 373) K and pressures up to 65 MPa, using a novel vibrating-wire instrument. <i>Fluid Phase Equilibria</i> , 2014, 384, 50-59. | 1.4 | 23 |
| 14 | Diisodecylphthalate (DIDP) a potential standard of moderate viscosity: Surface tension measurements and water content effect on viscosity. <i>Fluid Phase Equilibria</i> , 2006, 245, 1-5. | 1.4 | 22 |
| 15 | Tris(2-Ethylhexyl) trimellitate (TOTM) a potential reference fluid for high viscosity. Part II: Density measurements at temperatures from (293 to 373)K and pressures up to 68MPa. <i>Fluid Phase Equilibria</i> , 2014, 384, 36-42. | 1.4 | 21 |
| 16 | In Pursuit of a High-Temperature, High-Pressure, High-Viscosity Standard: The Case of Tris(2-ethylhexyl) Trimellitate. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 2884-2895. | 1.0 | 21 |
| 17 | Deep eutectic solvents (DES) based on sulfur as alternative lubricants for silicon surfaces. <i>Journal of Molecular Liquids</i> , 2019, 295, 111728. | 2.3 | 21 |
| 18 | Density of Diisodecyl Phthalate at Temperatures from (283.15 to 363.15) K and Pressures from (0.1 to 65) MPa. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 3525-3531. | 1.0 | 19 |

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|----|--|-----|-----------|
| 19 | Viscosity and density measurements of compressed liquid dimethyl adipate using oscillating body techniques. <i>Fluid Phase Equilibria</i> , 2014, 367, 85-94. | 1.4 | 19 |
| 20 | Tris(2-ethylhexyl) trimellitate (TOTM) as a potential industrial reference fluid for viscosity at high temperatures and high pressures: New viscosity, density and surface tension measurements. <i>Fluid Phase Equilibria</i> , 2016, 418, 192-197. | 1.4 | 15 |
| 21 | Viscosity measurements of poly(ethyleneglycol) 400 [PEG 400] at temperatures from 293â€šK to 348â€šK and at pressures up to 50â€šMPa using the vibrating wire technique. <i>Fluid Phase Equilibria</i> , 2019, 496, 7-16. | 1.4 | 15 |
| 22 | Density measurements of compressed dipropyl, dibutyl, bis(2-ethylhexyl) adipates from (293 to 373K) at pressures up to about 68MPa. <i>Fluid Phase Equilibria</i> , 2014, 374, 9-19. | 1.4 | 14 |
| 23 | A new instrument to perform simultaneous measurements of density and viscosity of fluids by a dual vibrating-wire technique. <i>High Temperatures - High Pressures</i> , 2001, 33, 669-676. | 0.3 | 13 |
| 24 | Viscosity measurements of compressed liquid dipropyl and dibutyl adipates. <i>Fluid Phase Equilibria</i> , 2015, 395, 26-32. | 1.4 | 12 |
| 25 | Viscosity of liquid diethylene, triethylene and tetraethylene glycols at moderately high pressures using a vibrating wire instrument. <i>Fluid Phase Equilibria</i> , 2019, 480, 87-97. | 1.4 | 12 |
| 26 | Viscosity measurements of 1-ethyl-3-methylimidazolium trifluoromethanesulfonate (EMIM OTf) at high pressures using the vibrating wire technique. <i>Fluid Phase Equilibria</i> , 2020, 505, 112354. | 1.4 | 11 |
| 27 | Viscosity and Density of Two 1-Alkyl-3-methyl-imidazolium Triflate Ionic Liquids at High Pressures: Experimental Measurements and the Effect of Alkyl Chain Length. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 1763-1772. | 1.0 | 10 |
| 28 | Viscosity and Self-Diffusion Coefficients of Dialkyl Adipates: A Correlation Scheme with Predictive Capabilities. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 3696-3702. | 1.0 | 8 |
| 29 | Viscosity Measurements of Diisodecyl Phthalate Using a Vibrating Wire Instrument Operated In Free Decay Mode: Comparison with Results Obtained with the Forced Mode of Operation. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 2562-2568. | 1.0 | 7 |
| 30 | Impedance spectroscopy of a vibrating wire for viscosity measurements. , 2010, , . | | 7 |
| 31 | Density and Rheology of Tris(2-ethylhexyl) Trimellitate (TOTM). <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 459-462. | 1.0 | 5 |
| 32 | Picoliniumâ€šBased Hydrophobic Ionic Liquids as Additives to PEG200 to Lubricate Steelâ€šSilicon Contacts. <i>ChemistrySelect</i> , 2020, 5, 5864-5872. | 0.7 | 5 |
| 33 | Towards Climate Change Awareness Through Distance Learningâ€šAre Young Portuguese and Brazilian University Students Vigilant?. <i>Climate Change Management</i> , 2018, , 261-273. | 0.6 | 3 |
| 34 | Extraction of alkaloids from <i>Lupinus albus</i> sp. using compressed carbon dioxide. <i>Process Technol</i> , 1996, 12, 475-480. | 0.1 | 2 |
| 35 | Self-diffusivity measurements of dimethyl, diethyl, dipropyl, dibutyl, Bis(2-ethylhexyl) adipates from (293â€š-339)â€šK by a PGSEâ€šNMR spin-echo technique. <i>Fluid Phase Equilibria</i> , 2016, 410, 37-41. | 1.4 | 2 |
| 36 | Viscosity and Density Measurements on Liquid <i>n</i>-Heptadecane at High Pressures. <i>Journal of Chemical & Engineering Data</i> , 2022, 67, 37-44. | 1.0 | 2 |

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|----|--|-----|-----------|
| 37 | Perceptions of the students' learning and evaluation process in an e-learning course in Food Preservation Technology: a study case in a Food Consumption MSc. International Journal of Technology and Design Education, 2020, , 1. | 1.7 | 1 |