

# Fernando J P Caetano

## List of Publications by Year in descending order

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37  
papers

839  
citations

393982

19  
h-index

500791

28  
g-index

40  
all docs

40  
docs citations

40  
times ranked

639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Viscosity and Density Measurements on Liquid <i>n</i> -Heptadecane at High Pressures. <i>Journal of Chemical &amp; Engineering Data</i> , 2022, 67, 37-44.	1.0	2
2	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 &amp; Engineering Data</i> , 2021, 66, 1763-1772.	1.0	10
3	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
4	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. <i>International Journal of Technology and Design Education</i> , 2020, , 1.	1.7	1
5	Picolinium-Based Hydrophobic Ionic Liquids as Additives to PEG200 to Lubricate Steel-Silicon Contacts. <i>ChemistrySelect</i> , 2020, 5, 5864-5872.	0.7	5
6	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
7	Viscosity measurements of poly(ethyleneglycol) 400 [PEG 400] at temperatures from 293 K to 348 K and at pressures up to 50 MPa using the vibrating wire technique. <i>Fluid Phase Equilibria</i> , 2019, 496, 7-16.	1.4	15
8	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
9	Density and Rheology of Tris(2-ethylhexyl) Trimellitate (TOTM). <i>Journal of Chemical &amp; Engineering Data</i> , 2018, 63, 459-462.	1.0	5
10	Towards Climate Change Awareness Through Distance Learning? Are Young Portuguese and Brazilian University Students Vigilant?. <i>Climate Change Management</i> , 2018, , 261-273.	0.6	3
11	In Pursuit of a High-Temperature, High-Pressure, High-Viscosity Standard: The Case of Tris(2-ethylhexyl) Trimellitate. <i>Journal of Chemical &amp; Engineering Data</i> , 2017, 62, 2884-2895.	1.0	21
12	Viscosity and density measurements on liquid <i>n</i> -tetradecane at moderately high pressures. <i>Fluid Phase Equilibria</i> , 2017, 453, 46-57.	1.4	25
13	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
14	Self-diffusivity measurements of dimethyl, diethyl, dipropyl, dibutyl, Bis(2-ethylhexyl) adipates from (293-339) K by a PGSE-NMR spin-echo technique. <i>Fluid Phase Equilibria</i> , 2016, 410, 37-41.	1.4	2
15	Viscosity and Self-Diffusion Coefficients of Dialkyl Adipates: A Correlation Scheme with Predictive Capabilities. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 3696-3702.	1.0	8
16	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
17	Viscosity measurements of compressed liquid dipropyl and dibutyl adipates. <i>Fluid Phase Equilibria</i> , 2015, 395, 26-32.	1.4	12
18	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

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19	Viscosity Measurements on Ionic Liquids: A Cautionary Tale. International Journal of Thermophysics, 2014, 35, 1615-1635.	1.0	28
20	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. Fluid Phase Equilibria, 2014, 384, 36-42.	1.4	21
21	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. Fluid Phase Equilibria, 2014, 384, 50-59.	1.4	23
22	Density measurements of compressed dipropyl, dibutyl, bis(2-ethylhexyl) adipates from (293 to 373K) at pressures up to about 68MPa. Fluid Phase Equilibria, 2014, 374, 9-19.	1.4	14
23	Viscosity measurements of three ionic liquids using the vibrating wire technique. Fluid Phase Equilibria, 2013, 353, 76-86.	1.4	33
24	Electrolytic Conductivity of Four Imidazolium-Based Ionic Liquids. International Journal of Thermophysics, 2013, 34, 1265-1279.	1.0	24
25	Viscosity Measurements of the Ionic Liquid Trihexyl(tetradecyl)phosphonium Dicyanamide [P<sub>6,6,6,14</sub>][dca] Using the Vibrating Wire Technique. Journal of Chemical & Engineering Data, 2012, 57, 1015-1025.	1.0	39
26	Volumetric Properties and Spectroscopic Studies of Pyridine or Nicotine Solutions in Liquid Polyethylene Glycols. Journal of Physical Chemistry B, 2011, 115, 8481-8492.	1.2	32
27	Impedance spectroscopy of a vibrating wire for viscosity measurements. , 2010, , .		7
28	Density of Diisodecyl Phthalate at Temperatures from (283.15 to 363.15) K and Pressures from (0.1 to 65) MPa. Journal of Chemical & Engineering Data, 2010, 55, 3525-3531.	1.0	19
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. Journal of Chemical & Engineering Data, 2009, 54, 2562-2568.	1.0	7
30	An Industrial Reference Fluid for Moderately High Viscosity. Journal of Chemical & Engineering Data, 2008, 53, 2003-2011.	1.0	43
31	Diisodecylphthalate (DIDP)â€™a potential standard of moderate viscosity: Surface tension measurements and water content effect on viscosity. Fluid Phase Equilibria, 2006, 245, 1-5.	1.4	22
32	New Measurements of the Viscosity of Diisodecyl Phthalate Using a Vibrating Wire Technique. Journal of Chemical & Engineering Data, 2005, 50, 1875-1878.	1.0	37
33	Validation of a Vibrating-Wire Viscometer:â€™ Measurements in the Range of 0.5 to 135 mPaÂˆs. Journal of Chemical & Engineering Data, 2005, 50, 201-205.	1.0	45
34	Viscosity Measurements of Liquid Toluene at Low Temperatures Using a Dual Vibrating-Wire Technique. International Journal of Thermophysics, 2004, 25, 1-11.	1.0	33
35	Viscosity of Di-isodecylphthalate: A Potential Standard of Moderate Viscosity. International Journal of Thermophysics, 2004, 25, 1311-1322.	1.0	35
36	A new instrument to perform simultaneous measurements of density and viscosity of fluids by a dual vibrating-wire technique. High Temperatures - High Pressures, 2001, 33, 669-676.	0.3	13

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37	Extraction of alkaloids from <i>Lupinus albus</i> sp. using compressed carbon dioxide. <i>Process Technol</i> , 1996, 12, 475-480.	0.1	2