

Luis M N B F Santos

List of Publications by Year in descending order

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194
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8,525
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53660

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49773

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200
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200
docs citations

200
times ranked

6641
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutual Solubilities of Water and Hydrophobic Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13082-13089.	1.2	374
2	Mutual Solubilities of Water and the [C _n mim][Tf ₂ N] Hydrophobic Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1604-1610.	1.2	325
3	An overview of the mutual solubilities of waterâ€“imidazolium-based ionic liquids systems. <i>Fluid Phase Equilibria</i> , 2007, 261, 449-454.	1.4	302
4	Ionic Liquids:Â First Direct Determination of their Cohesive Energy. <i>Journal of the American Chemical Society</i> , 2007, 129, 284-285.	6.6	295
5	Thermophysical Characterization of Ionic Liquids Able To Dissolve Biomass. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 4813-4822.	1.0	295
6	Volatility of Aprotic Ionic Liquids â€” A Review. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 3-12.	1.0	294
7	Optical band gaps of organic semiconductor materials. <i>Optical Materials</i> , 2016, 58, 51-60.	1.7	268
8	The design, construction, and testing of a new Knudsen effusion apparatus. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 778-787.	1.0	227
9	Evaluation of Cationâ€™Anion Interaction Strength in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4033-4041.	1.2	227
10	Effect of Water on the Viscosities and Densities of 1-Butyl-3-methylimidazolium Dicyanamide and 1-Butyl-3-methylimidazolium Tricyanomethane at Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 645-652.	1.0	216
11	Alkylimidazolium Based Ionic Liquids: Impact of Cation Symmetry on Their Nanoscale Structural Organization. <i>Journal of Physical Chemistry B</i> , 2013, 117, 10889-10897.	1.2	207
12	Specific Solvation Interactions of CO ₂ on Acetate and Trifluoroacetate Imidazolium Based Ionic Liquids at High Pressures. <i>Journal of Physical Chemistry B</i> , 2009, 113, 6803-6812.	1.2	201
13	High-Accuracy Vapor Pressure Data of the Extended [C _n C ₁ im][Ntf ₂] Ionic Liquid Series: Trend Changes and Structural Shifts. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10919-10926.	1.2	199
14	Measurement of enthalpies of sublimation by drop method in a Calvet type calorimeter: design and test of a new system. <i>Thermochimica Acta</i> , 2004, 415, 15-20.	1.2	198
15	Ion Specific Effects on the Mutual Solubilities of Water and Hydrophobic Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2009, 113, 202-211.	1.2	175
16	Microencapsulation of natural antioxidants for food application â€” The specific case of coffee antioxidants â€” A review. <i>Trends in Food Science and Technology</i> , 2016, 58, 21-39.	7.8	165
17	New Static Apparatus and Vapor Pressure of Reference Materials:â€” Naphthalene, Benzoic Acid, Benzophenone, and Ferrocene. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 757-766.	1.0	158
18	Evaluation of COSMO-RS for the prediction of LLE and VLE of water and ionic liquids binary systems. <i>Fluid Phase Equilibria</i> , 2008, 268, 74-84.	1.4	144

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19	Evaluation of COSMO-RS for the prediction of LLE and VLE of alcohols+ionic liquids. <i>Fluid Phase Equilibria</i> , 2007, 255, 167-178.	1.4	127
20	Prediction of aqueous solubilities of solid carboxylic acids with COSMO-RS. <i>Fluid Phase Equilibria</i> , 2010, 289, 140-147.	1.4	117
21	¹ H NMR and Molecular Dynamics Evidence for an Unexpected Interaction on the Origin of Salting-In/Salting-Out Phenomena. <i>Journal of Physical Chemistry B</i> , 2010, 114, 2004-2014.	1.2	116
22	Solubility of Water in Tetradecyltrihexylphosphonium-Based Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 2378-2382.	1.0	114
23	Labtermo: Methodologies for the calculation of the corrected temperature rise in isoperibol calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 89, 175-180.	2.0	105
24	Energetics of 6-methoxyquinoline and 6-methoxyquinoline N-oxide: the dissociation enthalpy of the (N ⁺ O) bond. <i>Journal of Chemical Thermodynamics</i> , 2003, 35, 1093-1100.	1.0	83
25	Vapor-Liquid Equilibria of Water + Alkylimidazolium-Based Ionic Liquids: Measurements and Perturbed-Chain Statistical Associating Fluid Theory Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 3737-3748.	1.8	82
26	Blackberry anthocyanins: β -Cyclodextrin fortification for thermal and gastrointestinal stabilization. <i>Food Chemistry</i> , 2018, 245, 426-431.	4.2	80
27	Thermodynamics of the Interaction between a Hydrophobically Modified Polyelectrolyte and Sodium Dodecyl Sulfate in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2004, 108, 405-413.	1.2	79
28	Cation Symmetry effect on the Volatility of Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2012, 116, 10922-10927.	1.2	76
29	Thermophysical Properties and Water Saturation of [PF ₆]-Based Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 5065-5073.	1.0	75
30	Cation Alkyl Side Chain Length and Symmetry Effects on the Surface Tension of Ionic Liquids. <i>Langmuir</i> , 2014, 30, 6408-6418.	1.6	75
31	New Knudsen effusion apparatus with simultaneous gravimetric and quartz crystal microbalance mass loss detection. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 834-843.	1.0	67
32	Thermophysical properties of [CN ⁺ 1C1im][PF ₆] ionic liquids. <i>Journal of Molecular Liquids</i> , 2013, 188, 196-202.	2.3	67
33	Densities, viscosities and derived thermophysical properties of water-saturated imidazolium-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2016, 407, 188-196.	1.4	67
34	Structure and Aggregation in the 1,3-Dialkyl-imidazolium Bis(trifluoromethylsulfonyl)imide Ionic Liquid Family: 2. From Single to Double Long Alkyl Side Chains. <i>Journal of Physical Chemistry B</i> , 2014, 118, 6885-6895.	1.2	65
35	Densities and Vapor Pressures of Highly Fluorinated Compounds. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 1328-1333.	1.0	64
36	The effect of the cation alkyl chain branching on mutual solubilities with water and toxicities. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19952.	1.3	64

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37	Heat capacities at 298.15K of the extended [CnCl _{im}][Ntf ₂] ionic liquid series. Journal of Chemical Thermodynamics, 2012, 53, 140-143.	1.0	63
38	Ionic liquids microemulsions: the key to Candida antarctica lipase B superactivity. Green Chemistry, 2012, 14, 1620.	4.6	62
39	Mutual solubilities between water and non-aromatic sulfonium-, ammonium- and phosphonium-hydrophobic ionic liquids. Physical Chemistry Chemical Physics, 2015, 17, 4569-4577.	1.3	58
40	Role of the Base and Control of Selectivity in the Suzuki-Miyaura Cross-Coupling Reaction. ChemCatChem, 2014, 6, 1291-1302.	1.8	54
41	Enhancing the Antioxidant Characteristics of Phenolic Acids by Their Conversion into Cholinium Salts. ACS Sustainable Chemistry and Engineering, 2015, 3, 2558-2565.	3.2	54
42	Recommended vapor pressure and thermophysical data for ferrocene. Journal of Chemical Thermodynamics, 2013, 57, 530-540.	1.0	53
43	Vapor-Liquid Equilibria of Imidazolium Ionic Liquids with Cyano Containing Anions with Water and Ethanol. Journal of Physical Chemistry B, 2015, 119, 10287-10303.	1.2	52
44	Thermodynamic properties of perfluoro-n-octane. Fluid Phase Equilibria, 2004, 225, 39-47.	1.4	48
45	Density and Viscosity Data for Binary Mixtures of 1-Alkyl-3-methylimidazolium Alkylsulfates + Water. Journal of Chemical & Engineering Data, 2012, 57, 3473-3482.	1.0	46
46	A new calorimetric system to measure heat capacities of solids by the drop method. Measurement Science and Technology, 2006, 17, 1405-1408.	1.4	44
47	A new microebulliometer for the measurement of the vapor-liquid equilibrium of ionic liquid systems. Fluid Phase Equilibria, 2013, 354, 156-165.	1.4	44
48	Comprehensive study on the impact of the cation alkyl side chain length on the solubility of water in ionic liquids. Journal of Molecular Liquids, 2015, 210, 264-271.	2.3	42
49	First volatility study of the 1-alkylpyridinium based ionic liquids by Knudsen effusion. Chemical Physics Letters, 2013, 585, 59-62.	1.2	41
50	Vapor pressures of 1,3-dialkylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquids with long alkyl chains. Journal of Chemical Physics, 2014, 141, 134502.	1.2	41
51	Chain Length Dependence of the Thermodynamic Properties of <i>n</i> -Alkanes and their Monosubstituted Derivatives. Journal of Chemical & Engineering Data, 2018, 63, 1-20.	1.0	41
52	Hole Transport Materials Based Thin Films: Topographic Structures and Phase Transition Thermodynamics of Triphenylamine Derivatives. Journal of Physical Chemistry C, 2013, 117, 10919-10928.	1.5	39
53	Solubility of water in fluorocarbons: Experimental and COSMO-RS prediction results. Journal of Chemical Thermodynamics, 2010, 42, 213-219.	1.0	38
54	Thermodynamic study of selected monoterpenes. Journal of Chemical Thermodynamics, 2013, 60, 117-125.	1.0	38

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55	Ohmic heating as a new efficient process for organic synthesis in water. <i>Green Chemistry</i> , 2013, 15, 970.	4.6	37
56	Energetic Studies and Phase Diagram of Thioxanthene. <i>Journal of Physical Chemistry A</i> , 2009, 113, 12988-12994.	1.1	36
57	Experimental Support for the Role of Dispersion Forces in Aromatic Interactions. <i>Chemistry - A European Journal</i> , 2012, 18, 8934-8943.	1.7	36
58	Standard molar enthalpies of formation and of sublimation of the terphenyl isomers. <i>Journal of Chemical Thermodynamics</i> , 2008, 40, 375-385.	1.0	35
59	Reassembling and testing of a high-precision heat capacity drop calorimeter. Heat capacity of some polyphenyls at T= 298.15 K. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 1818-1823.	1.0	35
60	Evidence of nanostructuration from the heat capacities of the 1,3-dialkylimidazolium bis(trifluoromethylsulfonyl)imide ionic liquid series. <i>Journal of Chemical Physics</i> , 2013, 139, 104502.	1.2	35
61	Water Solubility in Linear Fluoroalkanes Used in Blood Substitute Formulations. <i>Journal of Physical Chemistry B</i> , 2006, 110, 22923-22929.	1.2	34
62	Volatility study of [C1C1im][NTf2] and [C2C3im][NTf2] ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2014, 68, 317-321.	1.0	34
63	The alternation effect in ionic liquid homologous series. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 4033-4038.	1.3	34
64	The effect of n vs. iso isomerization on the thermophysical properties of aromatic and non-aromatic ionic liquids. <i>Fluid Phase Equilibria</i> , 2016, 423, 190-202.	1.4	34
65	Ohmic Heating: An Emerging Concept in Organic Synthesis. <i>Chemistry - A European Journal</i> , 2017, 23, 7853-7865.	1.7	34
66	Calibration and test of an aneroid mini-bomb combustion calorimeter. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 689-697.	1.0	32
67	Exploring the selectivity of the Suzuki-Miyaura cross-coupling reaction in the synthesis of aryl naphthalenes. <i>Tetrahedron</i> , 2011, 67, 689-697.	1.0	31
68	Prediction of environmental parameters of polycyclic aromatic hydrocarbons with COSMO-RS. <i>Chemosphere</i> , 2010, 79, 821-829.	4.2	30
69	Impact of the cation symmetry on the mutual solubilities between water and imidazolium-based ionic liquids. <i>Fluid Phase Equilibria</i> , 2014, 375, 161-167.	1.4	30
70	Vapour pressures, enthalpies and entropies of sublimation of para substituted benzoic acids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 465-474.	2.0	29
71	Structural and Thermodynamic Characterization of Polyphenylbenzenes. <i>Journal of Physical Chemistry A</i> , 2011, 115, 11876-11888.	1.1	29
72	Novel 2-alkyl-1-ethylpyridinium ionic liquids: synthesis, dissociation energies and volatility. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2560-2572.	1.3	29

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73	Phase behavior and heat capacities of the 1-benzyl-3-methylimidazolium ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2016, 100, 124-130.	1.0	29
74	Description and Test of a New Multilayer Thin Film Vapor Deposition Apparatus for Organic Semiconductor Materials. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 3776-3791.	1.0	28
75	On the Deposition of Lead Halide Perovskite Precursors by Physical Vapor Method. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2080-2087.	1.5	28
76	Electron Transport Materials for Organic Light-Emitting Diodes: Understanding the Crystal and Molecular Stability of the Tris(8-hydroxyquinolines) of Al, Ga, and In. <i>Journal of Physical Chemistry C</i> , 2014, 118, 21762-21769.	1.5	27
77	Nanostructuring Effect on the Thermal Behavior of Ionic Liquids. <i>ChemPhysChem</i> , 2016, 17, 1512-1517.	1.0	27
78	Phenyl naphthalenes: Sublimation Equilibrium, Conjugation, and Aromatic Interactions. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3557-3570.	1.2	26
79	Ohmic Heating-Assisted Synthesis of 3-Arylquinolin-4(1 <i>H</i>)-ones by a Reusable and Ligand-Free Suzuki-Miyaura Reaction in Water. <i>Journal of Organic Chemistry</i> , 2015, 80, 6649-6659.	1.7	26
80	Thermodynamics of long-chain 1-alkyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2016, 97, 331-340.	1.0	26
81	Solid-liquid equilibrium and heat capacity trend in the alkylimidazolium PF6 series. <i>Journal of Molecular Liquids</i> , 2017, 248, 678-687.	2.3	26
82	Nucleation and growth of microdroplets of ionic liquids deposited by physical vapor method onto different surfaces. <i>Applied Surface Science</i> , 2018, 428, 242-249.	3.1	25
83	Effect of the Methylation and N-H Acidic Group on the Physicochemical Properties of Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8781-8792.	1.2	23
84	Thermodynamic Study on the Sublimation of Anthracene-Like Compounds. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 5264-5270.	1.0	22
85	Nature of the C2-methylation effect on the properties of imidazolium ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 5326-5332.	1.3	22
86	Synthesis and Characterization of Surface-Active Ionic Liquids Used in the Disruption of <i>Escherichia Coli</i> Cells. <i>ChemPhysChem</i> , 2019, 20, 727-735.	1.0	22
87	Thermodynamic Study of 4- <i>n</i> -Alkyloxybenzoic Acids. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 2238-2245.	1.0	21
88	Calorimetric and Computational Study of Indanones. <i>Journal of Physical Chemistry A</i> , 2007, 111, 11153-11159.	1.1	20
89	Thermochemical and structural studies of gallic and ellagic acids. <i>Journal of Chemical Thermodynamics</i> , 2019, 129, 108-113.	1.0	20
90	Substituent Effects on the Energetics and Aromaticity of Aminomethylbenzoic Acids. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10598-10603.	1.1	19

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91	Crystallization and Glass-Forming Ability of Ionic Liquids: Novel Insights into Their Thermal Behavior. ACS Sustainable Chemistry and Engineering, 2019, 7, 2989-2997.	3.2	19
92	Thermodynamic study of 1,2,3-triphenylbenzene and 1,3,5-triphenylbenzene. Journal of Chemical Thermodynamics, 2010, 42, 134-139.	1.0	18
93	Morphology of Imidazolium-Based Ionic Liquids as Deposited by Vapor Deposition: Micro/Nanodroplets and Thin Films. ChemPhysChem, 2016, 17, 2123-2127.	1.0	18
94	Solubility and solvation of monosaccharides in ionic liquids. Physical Chemistry Chemical Physics, 2016, 18, 19722-19730.	1.3	18
95	Development of the Knudsen effusion methodology for vapour pressure measurements of low volatile liquids and solids based on a quartz crystal microbalance. Journal of Chemical Thermodynamics, 2018, 126, 171-186.	1.0	18
96	Standard molar enthalpies of formation of three N-benzoylthiocarbamic-O-alkylesters. Journal of Chemical Thermodynamics, 2004, 36, 491-495.	1.0	17
97	In Situ Temperature Measurement of an Optical Fiber Submitted to Electric Arc Discharges. IEEE Photonics Technology Letters, 2004, 16, 2111-2113.	1.3	17
98	Neutral, Ion Gas-Phase Energetics and Structural Properties of Hydroxybenzophenones. Journal of Organic Chemistry, 2010, 75, 2564-2571.	1.7	17
99	Aqueous solubility, effects of salts on aqueous solubility, and partitioning behavior of hexafluorobenzene: Experimental results and COSMO-RS predictions. Chemosphere, 2011, 84, 415-422.	4.2	17
100	Evidence of an odd-even effect on the thermodynamic parameters of odd fluorotelomer alcohols. Journal of Chemical Thermodynamics, 2012, 54, 171-178.	1.0	17
101	Understanding ligand bonding and mer-/fac-isomerism in tris(8-hydroxyquinolate) metallic complexes. Physical Chemistry Chemical Physics, 2016, 18, 16555-16565.	1.3	17
102	Solvation of alcohols in ionic liquids understanding the effect of the anion and cation. Physical Chemistry Chemical Physics, 2018, 20, 2536-2548.	1.3	17
103	<i>N</i> -Benzoyl- <i>N</i> , <i>N</i> -diethylthiourea: a monoclinic polymorph. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o870-o870.	0.2	16
104	High purity and crystalline thin films of methylammonium lead iodide perovskites by a vapor deposition approach. Thin Solid Films, 2018, 664, 12-18.	0.8	16
105	Thermochemical studies on five N-thenoylthiocarbamic-O-n-alkylesters. Journal of Chemical Thermodynamics, 2007, 39, 767-772.	1.0	15
106	Physicochemical properties of 2-alkyl-1-ethylpyridinium based ionic liquids. Fluid Phase Equilibria, 2016, 428, 112-120.	1.4	15
107	Experimental Evidence for Azeotrope Formation from Protic Ionic Liquids. ChemPhysChem, 2018, 19, 2364-2369.	1.0	15
108	Thermochemistry of some metallic amino acid complexes. Thermochimica Acta, 1992, 205, 115-125.	1.2	14

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109	The role of aromatic interactions in the structure and energetics of benzyl ketones. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11228.	1.3	14
110	Vaporization of protic ionic liquids derived from organic superbases and short carboxylic acids. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16693-16701.	1.3	14
111	Chain-Length Dependence of the Thermodynamic Behavior of Homologous $\hat{\pm}$, $\hat{\%}$ -Disubstituted Alkanes. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 2229-2246.	1.0	14
112	Thermochemistry of some metallic amino acid complexes. <i>Thermochimica Acta</i> , 1992, 205, 99-113.	1.2	13
113	Standard molar enthalpies of formation of copper(II) $\hat{2}$ -diketonates and monothio- $\hat{2}$ -diketonates. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 817-824.	1.0	13
114	Gaseous Phase Heat Capacity of Benzoic Acid. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 2799-2808.	1.0	13
115	Analysis of the isomerism effect on the mutual solubilities of bis(trifluoromethylsulfonyl)imide-based ionic liquids with water. <i>Fluid Phase Equilibria</i> , 2014, 381, 28-35.	1.4	13
116	Phase transition equilibrium of terthiophene isomers. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 133-139.	1.0	12
117	Thermodynamic properties of sublimation of the ortho and meta isomers of acetoxy and acetamido benzoic acids. <i>Journal of Chemical Thermodynamics</i> , 2015, 86, 6-12.	1.0	12
118	Fluorination effect on the thermodynamic properties of long-chain hydrocarbons and alcohols. <i>Journal of Chemical Thermodynamics</i> , 2016, 102, 378-385.	1.0	12
119	Extensive characterization of choline chloride and its solid-liquid equilibrium with water. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 14886-14897.	1.3	12
120	Standard molar enthalpies of formation of $\text{Ni}(\text{CH}_3\text{COO})_2$, $\text{Ni}(\text{CH}_3\text{COO})_2 \cdot 4.00 \text{H}_2\text{O}$, $\text{Cd}(\text{CH}_3\text{COO})_2$, and $\text{Cd}(\text{CH}_3\text{COO})_2 \cdot 2.00 \text{H}_2\text{O}$ in the crystalline state. <i>Journal of Chemical Thermodynamics</i> , 2000, 32, 1327-1334.	1.0	11
121	Thermodynamic Properties of Three Pyridine Carboxylic Acid Methyl Ester Isomers. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 580-585.	1.0	11
122	Phase transition thermodynamics of phenyl and biphenyl naphthalenes. <i>Journal of Chemical Thermodynamics</i> , 2008, 40, 1458-1463.	1.0	11
123	Thermodynamic Insights on the Structure and Energetics of <i>s</i> -Triphenyltriazine. <i>Journal of Physical Chemistry A</i> , 2011, 115, 9249-9258.	1.1	11
124	Phase Stability Trend in Linear $\hat{\pm}$ -Polythiophene Oligomers. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23543-23551.	1.5	11
125	On the Aromatic Stabilization of Fused Polycyclic Aromatic Hydrocarbons. <i>Journal of Physical Chemistry A</i> , 2021, 125, 3696-3709.	1.1	11
126	Thermochemical studies of three N-thiocarbamoylbenzamidines. <i>Journal of Chemical Thermodynamics</i> , 2004, 36, 555-559.	1.0	10

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127	Synthesis of (E)-3-styrylquinolin-4(1H)-ones in Water by Ohmic Heating: a Comparison with Other Methodologies. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2888-2896.	1.2	10
128	Thermochemical studies of two N-(diethylaminothiocarbonyl)benzimidazole derivatives. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 1455-1460.	1.0	9
129	Standard molar enthalpies of formation of nickel(II) β -diketonates and monothio- β -diketonates. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 361-370.	1.0	9
130	Predicting Physico-Chemical Properties of Alkylated Naphthalenes with COSMO-RS. <i>Polycyclic Aromatic Compounds</i> , 2013, 33, 1-19.	1.4	9
131	Energetics of 2- and 3-coumaranone isomers: A combined calorimetric and computational study. <i>Journal of Chemical Thermodynamics</i> , 2013, 67, 210-216.	1.0	9
132	Thin film deposition of organic hole transporting materials: optical, thermodynamic and morphological properties of naphthyl-substituted benzimidazoles. <i>Journal of Materials Science</i> , 2018, 53, 12974-12987.	1.7	9
133	Synthesis of Pyridyl and <i>N</i> -Methylpyridinium Analogues of Rosamines: Relevance of Solvent and Charge on Their Photophysical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 15073-15082.	1.7	9
134	Liquefying Flavonoids with Terpenoids through Deep Eutectic Solvent Formation. <i>Molecules</i> , 2022, 27, 2649.	1.7	9
135	Standard molar enthalpy of formation of monothiodibenzoylmethane by rotating-bomb calorimetry. <i>Journal of Chemical Thermodynamics</i> , 2004, 36, 447-451.	1.0	8
136	Estimation of the fiber temperature during an arc discharge. <i>Microwave and Optical Technology Letters</i> , 2008, 50, 2020-2025.	0.9	8
137	Crystal Structure of 2-Thiophenecarboxamide: A One-dimensional Tubular Structure Formed by $\text{N-H}\cdots\text{O}$ Hydrogen Bonds. <i>Journal of Chemical Crystallography</i> , 2009, 39, 747-752.	0.5	8
138	Molecular energetics of alkyl substituted pyridine N-oxides. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 431-439.	2.0	8
139	Energetic and Structural Study of Bisphenols. <i>Journal of Physical Chemistry A</i> , 2014, 118, 3705-3709.	1.1	8
140	Diarylferrocene tweezers for cation binding. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 23917-23923.	1.3	8
141	Alcohols as molecular probes in ionic liquids: evidence for nanostructuring. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19267-19275.	1.3	8
142	Volatility Study of Amino Acids by Knudsen Effusion with QCM Mass Loss Detection. <i>ChemPhysChem</i> , 2020, 21, 938-951.	1.0	8
143	Vapor Pressures of Solid and Liquid Xanthene and Phenoxathiin from Effusion and Static Studies. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 1922-1926.	1.0	7
144	Elucidating the Role of Aromatic Interactions in Rotational Barriers Involving Aromatic Systems. <i>Journal of Organic Chemistry</i> , 2012, 77, 10422-10426.	1.7	7

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145	Isomerization effect on the heat capacities and phase behavior of oligophenyls isomers series. Journal of Chemical Thermodynamics, 2013, 63, 78-83.	1.0	7
146	Energetics of neutral and deprotonated (Z)-cinnamic acid. Journal of Chemical Thermodynamics, 2016, 95, 195-201.	1.0	7
147	Energetic and Structural Insights into the Molecular and Supramolecular Properties of Rubrene. ChemistrySelect, 2017, 2, 1759-1769.	0.7	7
148	2-((1 <i>E</i> ,3 <i>E</i>)-4-arylbuta-1,3-dien-1-yl)-4-chromenones as Dienes in Diels-Alder Reactions: Experimental and Computational Studies. European Journal of Organic Chemistry, 2017, 2017, 87-101.	1.2	7
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