LuÃ-sa Mpf Amaral

List of Publications by Year
in descending order

64 papers	950 citations	430874 18 h-index	580821 25 g-index
66 all docs	66 docs citations	66 times ranked	363 citing authors

#	Article	IF	Citations
1	Standard molar enthalpies of formation, vapour pressures, and enthalpies of sublimation of 2-chloro-4-nitroaniline and 2-chloro-5-nitroaniline. Journal of Chemical Thermodynamics, 2003, 35, 1343-1359.	2.0	58
2	Thermochemistry of nitronaphthalenes and nitroanthracenes. Journal of Chemical Thermodynamics, 2006, 38, 748-755.	2.0	42
3	Thermochemistry of some alkylsubstituted anthracenes. Journal of Chemical Thermodynamics, 2006, 38, 367-375.	2.0	36
4	Fluorene: An extended experimental thermodynamic study. Journal of Chemical Thermodynamics, 2012, 45, 53-58.	2.0	36
5	Standard molar enthalpies of formation of some chloropyridines. Journal of Chemical Thermodynamics, 1997, 29, 1535-1543.	2.0	29
6	Energetics of Câ^'F, Câ^'Cl, Câ^'Br, and Câ^'I Bonds in 2-Haloethanols. Enthalpies of Formation of XCH2CH2OH (X = F, Cl, Br, I) Compounds and of the 2-Hydroxyethyl Radical. Journal of Physical Chemistry A, 2007, 111, 1713-1720.	2.5	29
7	Thermochemical and thermophysical study of 2-thiophenecarboxylic acid hydrazide and 2-furancarboxylic acid hydrazide. Journal of Chemical Thermodynamics, 2008, 40, 1588-1593.	2.0	29
8	Experimental study on the thermochemistry of 2-thiouracil, 5-methyl-2-thiouracil and 6-methyl-2-thiouracil. Journal of Chemical Thermodynamics, 2013, 57, 380-386.	2.0	28
9	Thermochemical study of 5-methyluracil, 6-methyluracil, and 5-nitrouracil. Journal of Chemical Thermodynamics, 2011, 43, 1924-1927.	2.0	26
10	Standard molar enthalpies of formation of some methylfuran derivatives. Journal of Thermal Analysis and Calorimetry, 2010, 100, 375-380.	3.6	22
11	Standard molar enthalpies of formation of some trichloroanilines by rotating-bomb calorimetry. Journal of Chemical Thermodynamics, 2002, 34, 119-127.	2.0	21
12	Gas-phase thermochemistry of chloropyridines. Chemical Physics Letters, 2005, 406, 154-160.	2.6	21
13	Experimental and Computational Studies on the Molecular Energetics of Chlorobenzophenones. Journal of Physical Chemistry B, 2007, 111, 13033-13040.	2.6	21
14	Standard molar enthalpies of formation of 2-furancarbonitrile, 2-acetylfuran, and 3-furaldehyde. Journal of Chemical Thermodynamics, 2009, 41, 26-29.	2.0	21
15	Experimental and Computational Study of the Thermodynamic Properties of 9-Fluorenone and 9-Fluorenol. Journal of Chemical & Engineering Data, 2012, 57, 2486-2496.	1.9	20
16	Standard molar enthalpies of formation of 2- and 3-bromopyridine and of 2,5- and 2,6-dibromopyridine. Journal of Chemical Thermodynamics, 1997, 29, 1545-1551.	2.0	19
17	Experimental study on the thermochemistry of some amino derivatives of uracil. Journal of Chemical Thermodynamics, 2011, 43, 1763-1767.	2.0	19
18	Experimental thermochemical study of fluoro-, chloro-, and bromo-derivatives of uracil. Journal of Chemical Thermodynamics, 2012, 52, 30-35.	2.0	19

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19	Thermochemical properties of two benzimidazole derivatives: 2-Phenyl- and 2-benzylbenzimidazole. Journal of Chemical Thermodynamics, 2005, 37, 1168-1176.	2.0	18
20	Comparative Computational and Experimental Study on the Thermochemistry of the Chloropyrimidines. Journal of Physical Chemistry B, 2007, 111, 792-799.	2.6	18
21	Substituent Effects on Enthalpies of Formation of Nitrogen Heterocycles:â€‰ 2-Substituted Benzimidazoles and Related Compounds. Journal of Physical Chemistry A, 2006, 110, 2535-2544.	2.5	17
22	Substituent and ring effects on enthalpies of formation: 2-methyl- and 2-ethylbenzimidazoles versus benzene- and imidazole-derivatives. Molecular Physics, 2004, 102, 711-721.	1.7	16
23	Experimental and Computational Investigation of the Thermochemistry of the Six Isomers of Dichloroaniline. Journal of Physical Chemistry A, 2006, 110, 9301-9306.	2.5	16
24	A calorimetric and computational study on the thermochemistry of 2-(5H)-furanone and 2-(5H)-thiophenone. Journal of Chemical Thermodynamics, 2010, 42, 564-570.	2.0	16
25	Standard molar enthalpies of formation of monochloroacetophenone isomers. Journal of Chemical Thermodynamics, 2010, 42, 1473-1477.	2.0	16
26	Standard molar enthalpies of formation of some vinylfuran derivatives. Journal of Chemical Thermodynamics, 2009, 41, 349-354.	2.0	14
27	Standard enthalpies of formation and of sublimation of 2,6-dimethylquinoline and 2,7-dimethylquinoline. Journal of Chemical Thermodynamics, 1995, 27, 1141-1145.	2.0	13
28	Standard molar enthalpies of formation of methylbenzophenones. Journal of Physical Organic Chemistry, 2006, 19, 689-696.	1.9	13
29	Enthalpies of formation of 5,6-dihydro-5-methyluracil and 5,6-dihydro-6-methyluracil. Journal of Chemical Thermodynamics, 2013, 64, 187-192.	2.0	13
30	Enthalpy of formation of 5-fluoro-1,3-dimethyluracil: 5-Fluorouracil revisited. Journal of Chemical Thermodynamics, 2014, 75, 106-115.	2.0	13
31	Experimental thermochemical study of two 2-alkylbenzimidazole isomers (alkyl=propyl and isopropyl). Journal of Chemical Thermodynamics, 2004, 36, 533-539.	2.0	12
32	Thermochemistry of some methoxypyridines. Journal of Chemical Thermodynamics, 2012, 48, 65-69.	2.0	12
33	Thermochemistry of sarcosine and sarcosine anhydride: Theoretical and experimental studies. Journal of Chemical Thermodynamics, 2013, 58, 315-321.	2.0	12
34	Thermochemical studies of 1-hydroxyisoquinoline, 5-hydroxyisoquinoline and 1,5-dihydroxyisoquinoline. Journal of Chemical Thermodynamics, 2005, 37, 1312-1317.	2.0	11
35	Standard molar enthalpies of formation of 2-chloroquinoline, 4-chloroquinoline, 6-chloroquinoline and 4,7-dichloroquinoline by rotating-bomb calorimetry. Journal of Chemical Thermodynamics, 2006, 38, 49-55.	2.0	11
36	Experimental study on the energetics of two indole derivatives. Journal of Thermal Analysis and Calorimetry, 2014, 115, 803-810.	3.6	11

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37	Calorimetric study of bromoacetophenone isomers. Journal of Chemical Thermodynamics, 2014, 78, 254-259.	2.0	11
38	Standard molar enthalpy of formation of methoxyacetophenone isomers. Journal of Chemical Thermodynamics, 2014, 74, 22-31.	2.0	11
39	5-Isopropylbarbituric and 2-thiobarbituric acids: An experimental and computational study. Thermochimica Acta, 2016, 625, 36-46.	2.7	11
40	Standard molar enthalpies of formation of 3â€²- and 4â€²-nitroacetophenones. Journal of Chemical Thermodynamics, 2011, 43, 876-881.	2.0	10
41	Calorimetric study of 2â€²-methylacetophenone and 4â€²-methylacetophenone. Journal of Chemical Thermodynamics, 2013, 57, 301-305.	2.0	10
42	Thermochemical study of some dichloroacetophenone isomers. Journal of Chemical Thermodynamics, 2011, 43, 255-261.	2.0	9
43	Experimental and computational energetic study of 1-R-2-phenylindole (R = H, CH3, C2H5). Journal of Chemical Thermodynamics, 2015, 85, 129-140.	2.0	9
44	Experimental study on the thermochemistry of 3-nitrobenzophenone, 4-nitrobenzophenone and 3,3â€²-dinitrobenzophenone. Journal of Chemical Thermodynamics, 2011, 43, 546-551.	2.0	8
45	Experimental and computational study on the energetics of the cyclic anhydrides of glycine and alanine. Journal of Chemical Thermodynamics, 2013, 58, 29-35.	2.0	8
46	Thermochemistry of 6-propyl-2-thiouracil: An experimental and computational study. Thermochimica Acta, 2014, 588, 68-74.	2.7	8
47	The influence of the hydroxy and methoxy functional groups on the energetic and structural properties of naphthaldehyde as evaluated by both experimental and computational methods. Structural Chemistry, 2015, 26, 137-149.	2.0	8
48	Experimental and computational thermochemical studies of 6-azauracil derivatives. Journal of Chemical Thermodynamics, 2016, 96, 93-103.	2.0	8
49	Energetics of the Câ^'Cl Bond in CH3CH(Cl)COOH. Enthalpy of Formation of (S)-(â^')-2-Chloropropionic Acid and of the 1-Carboxyethyl Radicalâ€‚â€¡. Journal of Physical Chemistry A, 2002, 106, 9855-9861.	2.5	7
50	Standard molar enthalpies of formation of 2-, 3- and 4-cyanobenzoic acids. Journal of Chemical Thermodynamics, 2008, 40, 1226-1231.	2.0	7
51	Thermochemical study of 2,5-dimethyl-3-furancarboxylic acid, 4,5-dimethyl-2-furaldehyde, and 3-acetyl-2,5-dimethylfuran. Journal of Chemical Thermodynamics, 2011, 43, 1-8.	2.0	7
52	Experimental thermochemical study of 2-chloroacetophenone and 2,4â€™-dichloroacetophenone. Journal of Chemical Thermodynamics, 2014, 73, 44-50.	2.0	7
53	Thermochemical study of dichloromethylpyrimidine isomers. Journal of Chemical Thermodynamics, 2016, 100, 148-155.	2.0	7
54	Thermodynamic properties of alkyl 1 H -indole carboxylate derivatives: A combined experimental and computational study. Journal of Chemical Thermodynamics, 2016, 97, 70-82.	2.0	7

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55	Calorimetric and computational studies for three nitroimidazole isomers. Journal of Chemical Thermodynamics, 2017, 105, 267-275.	2.0	7
56	Energetic characterization of uracil derivatives: Orotic and isoorotic acids. Thermochimica Acta, 2020, 683, 178474.	2.7	7
57	Gas phase enthalpy of formation of 3-bromoquinoline. Journal of Thermal Analysis and Calorimetry, 2008, 92, 53-57.	3.6	6
58	Standard molar enthalpies of formation of dimethylbenzophenones. Journal of Physical Organic Chemistry, 2008, 21, 365-371.	1.9	5
59	Thermochemical study of the isomeric compounds: 3-acetylbenzonitrile and benzoylacetonitrile. Journal of Chemical Thermodynamics, 2015, 91, 452-458.	2.0	5
60	Energetic Effect of the Carboxylic Acid Functional Group in Indole Derivatives. Journal of Physical Chemistry A, 2017, 121, 2980-2989.	2.5	5
61	Thermochemical study of the dicyanoimidazole isomers. Structural Chemistry, 2014, 25, 775-783.	2.0	3
62	Energetic characterization of a bioactive compound: Uridine. Journal of Chemical Thermodynamics, 2018, 124, 90-97.	2.0	3
63	Calorimetric and computational study of (1H-Indol-n-yl)methanol and 2-(1H-Indol-n-yl)ethanol (n=2, 3). Thermochimica Acta, 2019, 673, 169-176.	2.7	3
64	Experimental and computational thermochemical study of dimethoxyacetophenones. Journal of Chemical Thermodynamics, 2021, 152, 106257.	2.0	3