Maria D. M. C. Ribeiro da Silva

List of Publications by Year in Descending Order

191 papers	2,719 citations	25 h-index	37 g-index
201 ext. papers	2,903 ext. citations	3.1 avg, IF	4.99 L-index

#	Paper	IF	Citations
191	Metalâ□ligand binding energies in copper (II) and nickel (II) complexes with tetradentate N2O2 Schiff base ligands. *Inorganica Chimica Acta*, **2022**, 535, 120845	2.7	0
190	Thermodynamic properties of 2-mercapto-, 2,5-dimethyl- and 2-mercapto-5-methyl-1,3,4-thiadiazole. *Journal of Chemical Thermodynamics*, **2022**, 165, 106644	2.9	2
189	Thermochemical study of anthranilate derivatives: Effect of the size of the alkyl substituent. *Journal of Chemical Thermodynamics*, **2021**, 158, 106441	2.9	2
188	Energetics of tetradentate N2O2 schiff bases containing different alkyldiimine brigdes. *Thermochimica Acta*, **2021**, 695, 178817	2.9	3
187	The Relative Thermodynamic Stability of Diamond and Graphite. *Angewandte Chemie*, **2021**, 133, 1570-1573	3.6	
186	Corrections to standard state in combustion calorimetry: An update and a web-based tool. *Journal of Chemical Thermodynamics*, **2021**, 158, 106425	2.9	5
185	The Relative Thermodynamic Stability of Diamond and Graphite. *Angewandte Chemie - International Edition*, **2021**, 60, 1546-1549	16.4	5
184	Energetic and Structural Studies of Two Biomass-Derived Compounds: 6- and 7-hydroxy-1-indanones. *Applied Sciences (Switzerland)*, **2020**, 10, 8512	2.6	
183	Benzocaine: A comprehensive thermochemical study. *Journal of Chemical Thermodynamics*, **2020**, 147, 106119	2.9	4
182	Assessment of Thermochemical Data of Butyrolactone from Experimental and Computational Studies. *Journal of Chemical & Engineering Data*, **2020**, 65, 1968-1975	2.8	3
181	Energetic characterization of uracil derivatives: Orotic and isoorotic acids. *Thermochimica Acta*, **2020**, 683, 178474	2.9	5
180	Structural and Energetic Insights on Two Dye Compounds: 1-Acetyl-2-Naphthol and 2-Acetyl-1-Naphthol. *Molecules*, **2020**, 25,	4.8	2
179	Influence of the functional groups â□NH2, â□CH3, and â□OH on the thermochemistry of indanes. *Canadian Journal of Chemistry*, **2019**, 97, 788-794	0.9	2
178	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	2.9	3
177	Thermodynamic properties of caprolactam and caprothiolactam. *Journal of Chemical Thermodynamics*, **2019**, 132, 451-460	2.9	4
176	Volatility and thermodynamic stability of vanillin. *Journal of Chemical Thermodynamics*, **2019**, 128, 45-54	2.9	20
175	Thermal and structural properties of ethyl 2- and 3-aminobenzoates: Experimental and computational approaches. *Journal of Chemical Thermodynamics*, **2019**, 133, 93-99	2.9	6

174	Energetic vs structural study of two biomass degradation derivatives: 2-Cyclopentenone and 3-methyl-2-cyclopentenone. *Journal of Chemical Thermodynamics*, **2019**, 132, 390-396	2.9	4
173	Thermochemical Insights on Small Nitrogen Heterocyclic Compounds **2019**, 1-42		
172	Thermochemistry of R-SH group in gaseous phase: Experimental and theoretical studies of three sulfur imidazole derivatives. *Journal of Chemical Thermodynamics*, **2018**, 122, 65-72	2.9	6
171	Energetic vs structural effects of aminoalkyl substituents in the morpholine. *Journal of Chemical Thermodynamics*, **2018**, 122, 95-101	2.9	5
170	Energetic characterization of a bioactive compound: Uridine. *Journal of Chemical Thermodynamics*, **2018**, 124, 90-97	2.9	3
169	Energetic and Structural Properties of Two Phenolic Antioxidants: Tyrosol and Hydroxytyrosol. *Journal of Physical Chemistry A*, **2018**, 122, 4130-4137	2.8	12
168	Thermodynamic properties of naphthoxazole and naphthothiazole derivatives: Experimental and computational studies. *Journal of Chemical Thermodynamics*, **2018**, 127, 45-55	2.9	4
167	Energetic characterization of indanone derivatives involved in biomass degradation. *Journal of Thermal Analysis and Calorimetry*, **2018**, 134, 1267-1276	4.1	5
166	Experimental and computational thermochemical studies of acridone and N-methylacridone. *Journal of Chemical Thermodynamics*, **2018**, 118, 115-126	2.9	3
165	Thermochemical and conformational study of optical active phenylbenzazole derivatives. *Journal of Chemical Thermodynamics*, **2018**, 116, 7-20	2.9	5
164	Influence of Hydroxyl Functional Group on the Structure and Stability of Xanthone: A Computational Approach. *Molecules*, **2018**, 23,	4.8	4
163	Experimental and computational thermochemical study of two fluorobenzazoles: 5-fluoro-2-methylbenzoxazole and 5-fluoro-2-methylbenzothiazole. *Journal of Chemical Thermodynamics*, **2018**, 120, 157-163	2.9	5
162	Energetic, structural and tautomeric analysis of 2-mercaptobenzimidazole. *Journal of Thermal Analysis and Calorimetry*, **2017**, 129, 1679-1688	4.1	17
161	Comprehensive Thermochemical Study of Cyclic Five- and Six-Membered N,N?-Thioureas. *Journal of Chemical & Engineering Data*, **2017**, 62, 2584-2591	2.8	6
160	Thermochemical studies on two alkyl-bulky substituted xanthene derivatives: 9,9-dimethylxanthene and 2,7-di-tert-butyl-9,9-dimethylxanthene. *Journal of Chemical Thermodynamics*, **2017**, 106, 168-177	2.9	5
159	Energetic Effect of the Carboxylic Acid Functional Group in Indole Derivatives. *Journal of Physical Chemistry A*, **2017**, 121, 2980-2989	2.8	4
158	Vapour pressures, enthalpies and Gibbs energies of formation and sublimation of fluorene-2-carboxaldehyde. *Journal of Chemical Thermodynamics*, **2017**, 111, 65-71	2.9	6
157	Energetic and reactivity properties of 9,10-dihydroacridine and diphenylamine: A comparative overview. *Journal of Chemical Thermodynamics*, **2017**, 115, 276-284	2.9	3

156	Energetic effects of alkyl groups (methyl and ethyl) on the nitrogen of the morpholine structure. *Journal of Thermal Analysis and Calorimetry*, **2017**, 130, 485-496	4.1	6
155	Calorimetric and computational studies for three nitroimidazole isomers. *Journal of Chemical Thermodynamics*, **2017**, 105, 267-275	2.9	6
154	Thermochemical study of dichloromethylpyrimidine isomers. *Journal of Chemical Thermodynamics*, **2016**, 100, 148-155	2.9	7
153	Energetic insights on two dye key molecules: N-methylphenothiazine and N-methylphenoxazine. *Journal of Chemical Thermodynamics*, **2016**, 94, 7-15	2.9	8
152	The enthalpy of formation of the isomeric 2,3- and 2,5-dihydrofuran. *Journal of Chemical Thermodynamics*, **2016**, 97, 135-136	2.9	2
151	The effect of ketone groups on the energetic properties of phthalan derivatives. *Journal of Chemical Thermodynamics*, **2016**, 96, 74-81	2.9	8
150	Experimental and computational thermochemical studies of 6-azauracil derivatives. *Journal of Chemical Thermodynamics*, **2016**, 96, 93-103	2.9	8
149	Thermodynamic properties of alkyl 1 H -indole carboxylate derivatives: A combined experimental and computational study. *Journal of Chemical Thermodynamics*, **2016**, 97, 70-82	2.9	7
148	Structural and energetic characterization of anhydrous and hemihydrated 2-mercaptoimidazole: Calorimetric, X-ray diffraction, and computational studies. *Journal of Chemical Thermodynamics*, **2016**, 95, 35-48	2.9	7
147	5-Isopropylbarbituric and 2-thiobarbituric acids: An experimental and computational study. *Thermochimica Acta*, **2016**, 625, 36-46	2.9	9
146	Study on the volatility of halogenated fluorenes. *Chemosphere*, **2016**, 157, 25-32	8.4	7
145	Thermodynamic properties of 2,7-di- tert -butylfluorene â□An experimental and computational study. *Journal of Chemical Thermodynamics*, **2016**, 101, 115-122	2.9	6
144	Vapor pressures, thermodynamic stability, and fluorescence properties of three 2,6-alkyl naphthalenes. *Chemosphere*, **2016**, 146, 173-81	8.4	8
143	Comprehensive thermophysical and thermochemical studies of vanillyl alcohol. *Journal of Chemical Thermodynamics*, **2016**, 102, 287-292	2.9	12
142	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	1.8	8
141	Experimental and computational energetic study of 1-R-2-phenylindole (R = H, CH3, C2H5). *Journal of Chemical Thermodynamics*, **2015**, 85, 129-140	2.9	8
140	A thermodynamic investigation of the cellulose allomorphs: Cellulose(am), cellulose I□(cr), cellulose II(cr), and cellulose III(cr). *Journal of Chemical Thermodynamics*, **2015**, 81, 184-226	2.9	39
139	Thermodynamic properties of bromine fluorene derivatives: An experimental and computational study. *Journal of Chemical Thermodynamics*, **2015**, 89, 134-141	2.9	14

138	Oxygen and sulfur heterocyclic compounds. *Journal of Thermal Analysis and Calorimetry*, **2015**, 121, 1059-1071	4.1	20
137	Experimental and computational study of the thermodynamic properties of 2-nitrofluorene and 2-aminofluorene. *Journal of Chemical Thermodynamics*, **2014**, 76, 56-63	2.9	9
136	Effects of methoxy and formyl substituents on the energetics and reactivity of naphthalenes: a calorimetric and computational study. *Chemosphere*, **2014**, 107, 203-210	8.4	10
135	Thermodynamic study of 2-aminothiazole and 2-aminobenzothiazole: Experimental and computational approaches. *Journal of Chemical Thermodynamics*, **2014**, 74, 67-77	2.9	13
134	Energetic study of 4(3H)-pyrimidinone: aromaticity of reactions, hydrogen bond rules, and support for an anomeric effect. *Journal of Physical Chemistry A*, **2014**, 118, 3360-6	2.8	10
133	Experimental and computational study on the energetics of N-acetyl-l-cysteine. *Journal of Chemical Thermodynamics*, **2014**, 73, 57-61	2.9	5
132	Thermochemical insights on the conformational energetics of azepan and azepan-1-ylacetonitrile. *Journal of Organic Chemistry*, **2014**, 79, 11583-91	4.2	10
131	Thermodynamic study of chlorobenzonitrile isomers: a survey on the polymorphism, pseudosymmetry, and the chloro cyano interaction. *Journal of Physical Chemistry A*, **2014**, 118, 1502-10	2.8	9
130	Thermochemical study of the dicyanoimidazole isomers. *Structural Chemistry*, **2014**, 25, 775-783	1.8	3
129	From 2,4-dimethoxypyrimidine to 1,3-dimethyluracil: isomerization and hydrogenation enthalpies and noncovalent interactions. *Journal of Physical Chemistry A*, **2014**, 118, 4816-23	2.8	5
128	Energetics and Reactivity of Morpholine and Thiomorpholine: A Joint Experimental and Computational Study. *Journal of Chemical & Engineering Data*, **2014**, 59, 312-322	2.8	14
127	Thermochemical properties of 4-N,N-dialkylamino-7-nitrobenzofurazan derivatives (alkyl=methyl, ethyl). *Journal of Chemical Thermodynamics*, **2014**, 73, 62-68	2.9	5
126	Structural, energetic and reactivity properties of phenoxazine and phenothiazine. *Journal of Chemical Thermodynamics*, **2014**, 73, 110-120	2.9	15
125	Structural and energetic characterization of the tautomers 2-benzothiazolinone and 2-hydroxybenzothiazole. *Journal of Molecular Structure*, **2014**, 1078, 197-206	3.4	9
124	Thermochemistry of 6-propyl-2-thiouracil: An experimental and computational study. *Thermochimica Acta*, **2014**, 588, 68-74	2.9	8
123	Energetic study of benzothiazole and two methylbenzothiazole derivatives: Calorimetric and computational approaches. *Journal of Chemical Thermodynamics*, **2014**, 73, 3-11	2.9	15
122	Experimental study on the energetics of two indole derivatives. *Journal of Thermal Analysis and Calorimetry*, **2014**, 115, 803-810	4.1	9
121	Thermodynamic and aromaticity studies for the assessment of the halogen?cyano interactions on Iodobenzonitrile. *Journal of Chemical Thermodynamics*, **2013**, 65, 204-212	2.9	5

120	Dibenzofuran and methyldibenzofuran derivatives: assessment of thermochemical data. *Structural Chemistry*, **2013**, 24, 1923-1933	1.8	14
119	Thermochemistry of 2-methylbenzoxazole and 2,5-dimethylbenzoxazole: an experimental and computational study. *Structural Chemistry*, **2013**, 24, 1863-1872	1.8	11
118	A computational study on the energetics and reactivity of some xanthene and thioxanthene derivatives. *Structural Chemistry*, **2013**, 24, 661-670	1.8	18
117	Energetics of aminomethylpyrimidines: An examination of the aromaticity of nitrogen heteromonocyclic derivatives. *Journal of Chemical Thermodynamics*, **2013**, 62, 186-195	2.9	13
116	Experimental and computational study on the energetics of the cyclic anhydrides of glycine and alanine. *Journal of Chemical Thermodynamics*, **2013**, 58, 29-35	2.9	8
115	Thermochemistry of sarcosine and sarcosine anhydride: Theoretical and experimental studies. *Journal of Chemical Thermodynamics*, **2013**, 58, 315-321	2.9	11
114	Thermochemistry of D-xylose(cr). *Journal of Chemical Thermodynamics*, **2013**, 58, 20-28	2.9	19
113	A combined experimental and computational thermodynamic study of fluorene-9-methanol and fluorene-9-carboxylic acid. *Journal of Chemical Thermodynamics*, **2013**, 62, 222-230	2.9	10
112	Energetic study of bromobenzonitrile isomers: insights on the intermolecular interactions, aromaticity and electronegativity. *Structural Chemistry*, **2013**, 24, 1935-1944	1.8	11
111	Levoglucosan: A Calorimetric, Thermodynamic, Spectroscopic, and Computational Investigation. *Journal of Chemical & Engineering Data*, **2013**, 58, 1813-1821	2.8	44
110	Is uracil aromatic? The enthalpies of hydrogenation in the gaseous and crystalline phases, and in aqueous solution, as tools to obtain an answer. *Journal of Physical Chemistry A*, **2013**, 117, 5826-36	2.8	33
109	Experimental and computational study of the energetics of hydantoin and 2-thiohydantoin. *Journal of Chemical Thermodynamics*, **2013**, 58, 158-165	2.9	14
108	Experimental and computational thermochemical studies of benzoxazole and two chlorobenzoxadole derivatives. *Journal of Chemical Thermodynamics*, **2013**, 57, 212-219	2.9	19
107	From 2-hydroxypyridine to 4(3H)-pyrimidinone: computational study on the control of the tautomeric equilibrium. *Journal of Physical Chemistry A*, **2013**, 117, 12668-74	2.8	26
106	Efeitos energ tico-estruturais em compostos heteropolic licos com oxigh io ou enxofre. *Quimica Nova*, **2013**, 36, 840-847	1.6	7
105	Fluorene: An extended experimental thermodynamic study. *Journal of Chemical Thermodynamics*, **2012**, 45, 53-58	2.9	29
104	Energetic and structural properties of 4-nitro-2,1,3-benzothiadiazole. *Journal of Chemical Thermodynamics*, **2012**, 49, 146-153	2.9	17
103	Thermodynamic properties of fluoranthene: An experimental and computational study. *Journal of Chemical Thermodynamics*, **2012**, 49, 159-164	2.9	22

102	Experimental and computational thermochemical studies of 9-R-xanthene derivatives (ROH, COOH, CONH2). *Journal of Chemical Thermodynamics*, **2012**, 54, 108-117	2.9	17
101	Combustion Calorimetry **2012**, 1		
100	Experimental and Computational Study of the Thermodynamic Properties of 9-Fluorenone and 9-Fluorenol. *Journal of Chemical & Engineering Data*, **2012**, 57, 2486-2496	2.8	16
99	Synthesis and thermochemical study of quinoxaline-N-oxides: enthalpies of dissociation of the Nâ□O bond. *Journal of Physical Organic Chemistry*, **2012**, 25, 420-426	2.1	5
98	Experimental and computational thermochemical study of N-benzylalanines. *Journal of Physical Chemistry B*, **2011**, 115, 9401-9	3.4	10
97	Thermochemistry of 2,2?-dipyridil N-oxide and 2,2?-dipyridil N,N?-dioxide. The dissociation enthalpies of the Nâ□O bonds. *Journal of Chemical Thermodynamics*, **2011**, 43, 1044-1049	2.9	4
96	Experimental and computational thermochemical study of □-alanine (DL) and □-alanine. *Journal of Physical Chemistry B*, **2010**, 114, 16471-80	3.4	29
95	Experimental and Computational Studies on the Structural and Thermodynamic Properties of Two Sulfur Heterocyclic Keto Compounds. *Journal of Chemical & Engineering Data*, **2010**, 55, 5009-5017	2.8	20
94	Vapor Pressures and Enthalpies of Combustion of the Dihydroxybenzoic Acid Isomers. *Journal of Chemical & Engineering Data*, **2010**, 55, 2246-2251	2.8	11
93	Experimental and computational thermochemical study of sulfur-containing amino acids: L-cysteine, L-cystine, and L-cysteine-derived radicals. S-S, S-H, and C-S bond dissociation enthalpies. *Journal of Physical Chemistry B*, **2010**, 114, 10530-40	3.4	42
92	Computational thermochemistry of six ureas, imidazolidin-2-one, N,NRtrimethyleneurea, benzimidazolinone, parabanic acid, barbital (5,5Rdiethylbarbituric acid), and 3,4,4Rtrichlorocarbanilide, with an extension to related compounds. *Journal of Physical Chemistry A*, **2010**, 114, 9237-45	2.8	17
91	Experimental thermochemical study of two chlorodinitroaniline isomers. *Journal of Chemical Thermodynamics*, **2010**, 42, 496-501	2.9	9
90	Energetic effects of ether and ketone functional groups in 9,10-dihydroanthracene compound. *Journal of Chemical Thermodynamics*, **2010**, 42, 1248-1254	2.9	20
89	Molecular energetics of alkyl substituted pyridine N-oxides. *Journal of Thermal Analysis and Calorimetry*, **2010**, 100, 431-439	4.1	8
88	Molecular energetics of 4-methyldibenzothiophene: An experimental study. *Journal of Chemical Thermodynamics*, **2010**, 42, 251-255	2.9	18
87	Thermodynamic study on hydroxybenzaldehyde derivatives: 3- and 4-Hydroxybenzaldehyde isomers and 3,5-di-tert-butyl-2-hydroxybenzaldehyde. *Journal of Chemical Thermodynamics*, **2010**, 42, 472-477	2.9	16
86	Energetic studies of urea derivatives: Standard molar enthalpy of formation of 3,4,4?-trichlorocarbanilide. *Journal of Chemical Thermodynamics*, **2010**, 42, 536-544	2.9	8
85	A computational study on the thermochemistry of methylbenzo- and methyldibenzothiophenes. *Computational and Theoretical Chemistry*, **2010**, 946, 20-25		12

84	Structural studies of cyclic ureas: 3. Enthalpy of formation of barbital. *Journal of Chemical Thermodynamics*, **2009**, 41, 1400-1407	2.9	19
83	Energetic studies of two oxygen heterocyclic compounds Xanthone and tetrahydro-4-pyrone. *Journal of Thermal Analysis and Calorimetry*, **2009**, 97, 827-833	4.1	25
82	The enthalpies of dissociation of the N?O bonds in two quinoxaline derivatives. *Journal of Physical Organic Chemistry*, **2009**, 22, 17-23	2.1	6
81	Experimental thermochemical study of 2,5- and 2,6-dichloro-4-nitroanilines. *Journal of Chemical Thermodynamics*, **2009**, 41, 1074-1080	2.9	17
80	Experimental thermochemical study of 4,5-dichloro-2-nitroaniline. *Journal of Chemical Thermodynamics*, **2009**, 41, 1247-1253	2.9	13
79	Revisiting dibenzothiophene thermochemical data: Experimental and computational studies. *Journal of Chemical Thermodynamics*, **2009**, 41, 1199-1205	2.9	32
78	Energetic studies and phase diagram of thioxanthene. *Journal of Physical Chemistry A*, **2009**, 113, 12988-94	2.8	33
77	Thermochemical Study of Three Hindered Pyridine Derivatives. *Journal of Chemical & Engineering Data*, **2008**, 53, 1820-1823	2.8	4
76	Thermochemical study of three dimethylpyrazine derivatives. *Journal of Thermal Analysis and Calorimetry*, **2008**, 92, 73	4.1	7
75	Structural studies of cyclic ureas: 1. Enthalpies of formation of imidazolidin-2-one and N,N?-trimethyleneurea. *Journal of Chemical Thermodynamics*, **2008**, 40, 386-393	2.9	26
74	Structural studies of cyclic ureas: 2. Enthalpy of formation of parabanic acid. *Journal of Chemical Thermodynamics*, **2008**, 40, 1378-1385	2.9	17
73	Thermodynamic Properties of Three Pyridine Carboxylic Acid Methyl Ester Isomers. *Journal of Chemical & Engineering Data*, **2007**, 52, 580-585	2.8	8
72	Thermochemical studies on 3-methyl-quinoxaline-2-carboxamide-1,4-dioxide derivatives: enthalpies of formation and of N-O bond dissociation. *Journal of Physical Chemistry B*, **2007**, 111, 2075-80	3.4	15
71	Molecular energetics of cytosine revisited: a joint computational and experimental study. *Journal of Physical Chemistry A*, **2007**, 111, 7237-42	2.8	18
70	Standard molar enthalpies of formation of the acetylpyridine isomers. *Journal of Chemical Thermodynamics*, **2007**, 39, 39-43	2.9	16
69	Thermochemical studies on salicylaldehyde and salicylamide. *Journal of Chemical Thermodynamics*, **2007**, 39, 1372-1376	2.9	23
68	Energetic and structural characterization of 2-R-3-methylquinoxaline-1,4-dioxides (R = benzoyl or tert-butoxycarbonyl): experimental and computational studies. *Journal of Physical Organic Chemistry*, **2007**, 20, 491-498	2.1	9
67	Three N2O2 ligands derived from the condensation of 1,2-cyclohexanediaminewith salicylaldehyde, acetylacetone and benzoylacetone. *Journal of Thermal Analysis and Calorimetry*, **2007**, 87, 291-296	4.1	8

66	Experimental Thermochemical Study of 6-Chloro-2,3-dimethylquinoxaline 1,4-Dioxide and DFT Evaluation of the NâO Bond Enthalpies in Related Haloquinoxalines. *Bulletin of the Chemical Society of Japan*, **2007**, 80, 1770-1775	5.1	6
65	Substituent effects on enthalpies of formation of nitrogen heterocycles: 2-substituted benzimidazoles and related compounds. *Journal of Physical Chemistry A*, **2006**, 110, 2535-44	2.8	15
64	Quinoxaline-1,4-dioxide: Substituent effects on the NâO bond dissociation enthalpy. *Chemical Physics Letters*, **2006**, 429, 18-22	2.5	14
63	Experimental thermochemical study of two polymethylpyrazine N,N?-dioxide derivatives. *Thermochimica Acta*, **2006**, 450, 67-70	2.9	6
62	Thermochemical and Theoretical Studies of Dimethylpyridine-2,6-dicarboxylate and Pyridine-2,3-, Pyridine-2,5-, and Pyridine-2,6-dicarboxylic Acids. *Journal of Chemical & Engineering Data*, **2005**, 50, 1184-1191	2.8	18
61	Energetics of the N-O bonds in 2-hydroxyphenazine-di-N-oxide. *Journal of Physical Chemistry B*, **2005**, 109, 16188-95	3.4	15
60	The Dissociation Enthalpies of Terminal (NâO) Bonds in Organic Compounds. *Journal of Physical and Chemical Reference Data*, **2005**, 34, 553-572	4.3	30
59	Experimental thermochemical study of three monosubstituted pyrazines. *Journal of Chemical Thermodynamics*, **2005**, 37, 49-53	2.9	17
58	Thermochemical properties of two benzimidazole derivatives: 2-Phenyl- and 2-benzylbenzimidazole. *Journal of Chemical Thermodynamics*, **2005**, 37, 1168-1176	2.9	17
57	Thermochemistry of inosine. *Journal of Chemical Thermodynamics*, **2005**, 37, 1239-1249	2.9	10
56	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
55	Molecular thermochemical study of Ni(II), Cu(II) and Zn(II) complexes with N,N?-bis(salicylaldehydo)ethylenediamine. *Journal of Molecular Catalysis A*, **2004**, 224, 207-212		30
54	Experimental study of the energetics of tetradentate N2O2 Schiff bases derived from salicylaldehyde. *Thermochimica Acta*, **2004**, 420, 67-71	2.9	10
53	Experimental and theoretical study of the dissociation enthalpy of the NâO bond on 2-hydroxypyridine N-oxide: theoretical analysis of the energetics of the NâO bond for hydroxypyrydine N-oxide isomers. *Journal of Chemical Thermodynamics*, **2004**, 36, 107-113	2.9	13
52	Experimental thermochemical study of two 2-alkylbenzimidazole isomers (alkyl=propyl and isopropyl). *Journal of Chemical Thermodynamics*, **2004**, 36, 533-539	2.9	12
51	Thermochemistry of 2-amino-3-quinoxalinecarbonitrile-1,4-dioxide. Evaluation of the mean dissociation enthalpy of the (N-O) bond. *Organic and Biomolecular Chemistry*, **2004**, 2, 2507-12	3.9	21
50	Solvent and Structural Effects in the NâH Bond Homolytic Dissociation Energy. *Journal of Physical Chemistry A*, **2004**, 108, 2119-2130	2.8	51
49	Thermodynamic properties of quinoxaline-1,4-dioxide derivatives: a combined experimental and computational study. *Journal of Organic Chemistry*, **2004**, 69, 2785-92	4.2	25

48	Thermochemical and structural studies of Cu(II) and Ni(II) complexes with N,N-diethyl-N?-pivaloylthiourea. *Inorganica Chimica Acta*, **2003**, 356, 95-102	2.7	11
47	Energetics of 6-methoxyquinoline and 6-methoxyquinoline N-oxide: the dissociation enthalpy of the (NâO) bond. *Journal of Chemical Thermodynamics*, **2003**, 35, 1093-1100	2.9	78
46	Substituent Effects on Enthalpies of Formation: Benzene Derivatives. *Journal of Physical Chemistry A*, **2003**, 107, 366-371	2.8	19
45	A calorimetric study of N, N-diethyl-N?-furoylthiourea and N, N-diisobutyl-N?-furoylthiourea. *Journal of Chemical Thermodynamics*, **2002**, 34, 155-161	2.9	3
44	Thermochemical studies of two copper(II) complexes with N-benzoyl-N?,N?-dialkylurea derivatives. *Thermochimica Acta*, **2001**, 378, 45-50	2.9	14
43	Experimental standard molar enthalpies of formation of crystalline 3,5-dimethylpyrazole, 3,5-dimethyl-4-nitrosopyrazole, 1,3,5-trimethyl-4-nitrosopyrazole, and 3,5-dimethyl-1-phenyl-4-nitrosopyrazole. *Journal of Chemical Thermodynamics*, **2001**, 33, 1227-1235	2.9	9
42	Thermochemistry of adenosine. *Journal of Chemical Thermodynamics*, **2001**, 33, 929-947	2.9	35
41	Experimental thermochemical study of the enthalpies of formation and sublimation of isonicotinamide, picolinamide, nicotinamide, isonicotinamideN-oxide, and nicotinamideN-oxide. The dissociation enthalpies of the NâO bonds. *Journal of Chemical Thermodynamics*, **2001**, 33, 1263-1275	2.9	30
40	Synthesis, characterization and thermochemical properties of N-acyl-N?,N?-diethylthioureas. *Perkin Transactions II RSC*, **2001**, 2174-2178		11
39	Thermochemical study of twoN-benzoyl-N?,N?-dialkylureas. *Journal of Chemical Thermodynamics*, **2000**, 32, 1113-1119	2.9	5
38	Enthalpies of combustion, heat capacities,and enthalpies of vaporisation of 1-phenylimidazole and 1-phenylpyrazole. *Journal of Chemical Thermodynamics*, **2000**, 32, 237-245	2.9	19
37	Standard molar enthalpies of formation of crystallinel-,d- anddl-valine. *Journal of Chemical Thermodynamics*, **2000**, 32, 1037-1043	2.9	10
36	Standard molar enthalpy of sublimation of crystalline 3-pyridinecarboxylic acid. *Journal of Chemical Thermodynamics*, **2000**, 32, 1071-1073	2.9	9
35	Enthalpies of combustion, heat capacities, and enthalpies of vaporization of 1-ethylimidazole and 1-ethylpyrazole. *Journal of Chemical Thermodynamics*, **1999**, 31, 129-138	2.9	20
34	Enthalpies of combustion of 2-iodosobenzoic acid and 4-nitrosophenol: the dissociation enthalpy of the IâO bond. *Journal of Chemical Thermodynamics*, **1999**, 31, 1551-1559	2.9	8
33	Enthalpies of Formation of N-Substituted Pyrazoles and Imidazoles. *Journal of Physical Chemistry A*, **1999**, 103, 9336-9344	2.8	58
32	Enthalpy of combustion of 4-diethylaminonitrosobenzene. *Journal of Chemical Thermodynamics*, **1998**, 30, 271-274	2.9	3
31	Enthalpies of combustion of the pyridine N-oxide derivatives: 4-methyl-, 3-cyano-, 4-cyano-, 3-hydroxy-, 2-carboxy-, 4-carboxy-, and 3-methyl-4-nitro, and of the pyridine derivatives: 2-carboxy-, and 4-carboxy-. The dissociation enthalpies of the N-O bonds. *Journal of Chemical Thermodynamics*, **1998**, 30, 869-878	2.9	42

30	Energetics of metalâligand binding incopper(II) andnickel(II) complexes of two Schiff bases. *Journal of the Chemical Society Dalton Transactions*, **1997**, 1257-1262		29
29	Thermochemical and Theoretical Study of Some Quinoxaline 1,4-Dioxides and of Pyrazine 1,4-Dioxide. *Journal of Organic Chemistry*, **1997**, 62, 3722-3726	4.2	26
28	Enthalpies of combustion of di-n-propylamine, diisopropylamine, diisobutylamine, and di-sec-butylamine. *Journal of Chemical Thermodynamics*, **1997**, 29, 1025-1030	2.9	10
27	Thermochemical studies for determination of the molar enthalpy of formation of aniline derivatives. *Structural Chemistry*, **1996**, 7, 367-373	1.8	10
26	Enthalpies of combustion of 5-methoxybenzofurazan, 5-methoxybenzofurazan-1-oxide, 5-methylbenzofurazan-1-oxide, 5-chlorobenzofurazan-1-oxide and 4-nitro-benzofurazan-1-oxide: the dissociation enthalpies of the NâO bonds. *Journal of Chemical Thermodynamics*, **1996**, 28, 673-683	2.9	5
25	Enthalpies of combustion of 4-nitropyridineN-oxide and pyridine-3-carboxylic acidN-oxide: the dissociation enthalpies of the NâO bonds in pyridineN-oxide derivatives. *Journal of Chemical Thermodynamics*, **1995**, 27, 391-398	2.9	29
24	Standard enthalpies of formation ofN,N?-ethylenebis(4-aminopent-3-en-2-one) andN,N?-ethylenebis(3-amino-1-phenylbut-2-en-1-one). *Journal of Chemical Thermodynamics*, **1995**, 27, 613-621	2.9	7
23	Enthalpies of combustion of 2,2?,6,6?-tetraethylazobenzeneN,N-dioxide, 2,4,6-tri(1,1-dimethylethyl)nitrosobenzene, and 2,4,6-tri(1,1-dimethylethyl)nitrobenzene. *Journal of Chemical Thermodynamics*, **1995**, 27, 1433-1440	2.9	5
22	Enthalpies of combustion of 4-dimethylamino-nitrosobenzene and 4-dimethylaminonitrobenzene. *Journal of Chemical Thermodynamics*, **1994**, 26, 85-90	2.9	7
21	Thermochemical and crystallographic studies of some β-ketoimine derivatives. *Journal of the Chemical Society Perkin Transactions II*, **1993**, 1765-1769		14
20	Enthalpies of combustion of p-azoxyanisole and p-azoxyphenetole: the dissociation enthalpy of the N-O bonds. Enthalpies of crystal-to-(liquid crystal) transitions. *Journal of Chemical Thermodynamics*, **1993**, 25, 653-659	2.9	7
19	Enthalpies of combustion of 2,2?,4,4?,6,6?-hexamethylazobenzene-N,N-dioxide, 2,2?,6,6?-tetramethylazobenzene-N,N-dioxide, 2,4,6-trimethylnitrobenzene, and 2,6-dimethylnitrobenzene: the dissociation enthalpies of the N=N and N-O bonds. *Journal of Chemical Thermodynamics*, **1993**, 25, 1253-1261	2.9	8
18	Enthalpies of combustion of 1,4-dicyanobenzene di-N-oxide and 1,4-dicyanobenzene: the mean dissociation enthalpy of the (NO) bonds. *Journal of Chemical Thermodynamics*, **1992**, 24, 213-216	2.9	6
17	Thermochemistry of some metallic amino acid complexes. *Thermochimica Acta*, **1992**, 205, 99-113	2.9	10
16	Thermochemistry of some metallic amino acid complexes. *Thermochimica Acta*, **1992**, 205, 115-125	2.9	12
15	Enthalpies of combustion of 2,4,6-trimethylbenzonitrile, 2,4,6-trimethylbenzonitrile N-oxide, 2,6-dimethylbenzonitrile, 2,4,6-trimethoxybenzonitrile, and 2,4,6-trimethoxybenzonitrile N-oxide: the dissociation enthalpies of the (NO) bonds. *Journal of Chemical Thermodynamics*, **1991**, 23, 31-36	2.9	12
14	Enthalpies of combustion of phenazine N-oxide, phenazine, benzofuroxan, and benzofurazan: the dissociation enthalpies of the (N?O) bonds. *Journal of Chemical Thermodynamics*, **1990**, 22, 923-928	2.9	19
13	Standard molar enthalpy of formation of crystalline dicarbonylbiscyclopentadienyltitanium(II). *Journal of Organometallic Chemistry*, **1990**, 393, 359-363	2.3	2

12	Mean copper-ligand binding enthalpies in copper(II) complexes of dimethylglyoxime, glycine, acetic acid and 4-phenylamino-3-penten-2-one. *Thermochimica Acta*, **1990**, 160, 267-280	2.9	13
11	Enthalpies of combustion of 1,4-naphthoquinone, 9,10-anthraquinone, 9,10-phenanthraquinone, 1,4,9,10-anthradiquinone, 5,8-dihydroxy-1,4-naphthoquinone, and 1,4-dihydroxy-9,10-anthraquinone. *Journal of Chemical Thermodynamics*, **1989**, 21, 265-274	2.9	25
10	Enthalpies of combustion of thiobenzamide, N, N-dimethylthiobenzamide, and N, N-diethylthiobenzamide. *Journal of Chemical Thermodynamics*, **1989**, 21, 173-178	2.9	29
9	Enthalpies of combustion of three benzylidene t-butylamine N-oxide derivatives and of 4-nitrobenzylidene t-butylamine: the dissociation enthalpies of the (N?O) bonds. *Journal of Chemical Thermodynamics*, **1989**, 21, 443-448	2.9	8
8	Thermodynamic properties of glycerol enthalpies of combustion and vaporization and the heat capacity at 298.15 K. Enthalpies of solution in water at 288.15, 298.15, and 308.15 K. *Journal of Chemical Thermodynamics*, **1988**, 20, 1353-1359	2.9	24
7	Enthalpies of combustion of 1-hydroxynaphthalene, 2-hydroxynaphthalene, and 1,2-, 1,3-, 1,4-, and 2,3-dihydroxynaphthalenes. *Journal of Chemical Thermodynamics*, **1988**, 20, 969-974	2.9	18
6	Enthalpies of formation of M(□C5H5)2L complexes (M = Mo, W, Ti; L = C6H4O2, C10H6O2, C14H8O2). *Journal of Organometallic Chemistry*, **1988**, 345, 105-115	2.3	16
5	Enthalpies of combustion of the three trihydroxybenzenes and of 3-methoxycatechol and 4-nitrocatechol. *Journal of Chemical Thermodynamics*, **1986**, 18, 295-300	2.9	14
4	Standard enthalpies of formation of bis(pentane-2,4-dionato)Cu(II) and of four bis(methyl-substituted heptane-3,5-dionato)Cu(II) complexes: the mean (Cu?O) bond-dissociation enthalpies. *Journal of Chemical Thermodynamics*, **1984**, 16, 137-144	2.9	22
3	Certification of B.D.H. Thermochemical standard benzoic acid. *Journal of Chemical Thermodynamics*, **1984**, 16, 401-402	2.9	4
2	Enthalpies of combustion of 1,2-dihydroxybenzene and of six alkylsubstituted 1,2-dihydroxybenzenes. *Journal of Chemical Thermodynamics*, **1984**, 16, 1149-1155	2.9	197
1	Enthalpies of formation of hexakis(isopropoxy)-dimolybdenum and octakis-(isopropoxy)-dimolybdenum and the metalâmetal bond enthalpy contributions. *Journal of the Chemical Society Faraday Transactions I*, **1981**, 77, 1585		19