Joel F Liebman

List of Publications by Year
in descending order

185 papers	2,788 citations	236612 25 h-index	301761 39 g-index
283 all docs	283 docs citations	283 times ranked	1720 citing authors

#	Article	IF	Citations
1	The Energetics of Aromatic Hydrocarbons:Â An Experimental Thermochemical Perspective. Chemical Reviews, 2001, 101, 1541-1566.	23.0	193
2	Estimating Solidâ€“Liquid Phase Change Enthalpies and Entropies. Journal of Physical and Chemical Reference Data, 1999, 28, 1535-1673.	1.9	128
3	Rediscovering the Wheel. Thermochemical Analysis of Energetics of the Aromatic Diazines. Journal of Physical Chemistry Letters, 2012, 3, 3454-3459.	2.1	98
4	Definitive heat of formation of methylenimine, CH2?NH, and of methylenimmonium ion, CH2NH2+, by means of W2 theory. Journal of Computational Chemistry, 2001, 22, 1297-1305.	1.5	59
5	Estimations of the heats of vaporization of simple hydrocarbon derivatives at 298 K. Journal of Organic Chemistry, 1988, 53, 3424-3429.	1.7	56
6	Paradigms and paradoxes: O- and N-protonated amides, stabilization energy, and resonance energy. Structural Chemistry, 2012, 23, 197-199.	1.0	54
7	Paradoxes and paradigms: why is quinoline less basic than pyridine or isoquinoline? A classical organic chemical perspective. Structural Chemistry, 2009, 20, 693-697.	1.0	49
8	Interrelations Of the energetics of amides and alkenes: Enthalpies of formation ofN,N-dimethyl derivatives of pivalamide, 1-adamantylcarboxamide and benzamide, and of styrene and its Î±-,trans-Î²- and Î²,Î²-methylated derivatives. Journal of Physical Organic Chemistry, 1995, 8, 15-25.	0.9	42
9	The annular tautomerism of imidazoles and pyrazoles: The possible existence of nonaromatic forms. Structural Chemistry, 2006, 17, 439-444.	1.0	41
10	Nonlinear, Resonance-Stabilized Pseudohalides: From Alkali Methanides to Ionic Liquids of Methanides. European Journal of Inorganic Chemistry, 2006, 2006, 4294-4308.	1.0	41
11	The Aromaticity of Pyracylene:Â An Experimental and Computational Study of the Energetics of the Hydrogenation of Acenaphthylene and Pyracylene. Journal of the American Chemical Society, 2002, 124, 2065-2072.	6.6	39
12	Complexing of the Ammonium Ion by Polyethers. Comparative Complexing Thermochemistry of Ammonium, Hydronium, and Alkali Cations. The Journal of Physical Chemistry, 1996, 100, 6445-6450.	2.9	37
13	Aromaticity of heterocycles: experimental realization of dewar-breslow definition of aromaticity. Tetrahedron Letters, 1991, 32, 3949-3952.	0.7	36
14	Title is missing!. Structural Chemistry, 2003, 14, 403-415.	1.0	34
15	Interplay of Thermochemistry and Structural Chemistry, the Journal (Volume 13, 2002) and the Discipline. Structural Chemistry, 2005, 16, 159-168.	1.0	33
16	Title is missing!. Structural Chemistry, 2003, 14, 299-313.	1.0	32
17	Saccharin: a combined experimental and computational thermochemical investigation of a sweetener and sulfonamide. Molecular Physics, 2005, 103, 221-228.	0.8	32
18	Interplay of Thermochemistry and Structural Chemistry, the Journal (Volume 14, 2003) and the Discipline. Structural Chemistry, 2005, 16, 593-603.	1.0	31

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19	Interplay of thermochemistry and Structural Chemistry, the journal (volume 18, 2007) and the discipline. Structural Chemistry, 2008, 19, 849-872.	1.0	31
20	The resonance energy of amides, the structure of aziridinone, and its relationship to other strained	1.0	29
21	The thermodynamics of the isomerization of cyanophenol and cyanothiophenol compounds. Structural Chemistry, 2007, 18, 15-23.	1.0	28
22	Interplay of thermochemistry and Structural Chemistry, the journal (volume 19, 2008) and the discipline. Structural Chemistry, 2009, 20, 719-741.	1.0	28
23	Interplay of thermochemistry and Structural Chemistry, the journal (volume 17, 2006) and the discipline. Structural Chemistry, 2009, 20, 1019-1037.	1.0	27
24	Interplay of thermochemistry and Structural Chemistry, the journal (volume 16, 2005) and the discipline. Structural Chemistry, 2010, 21, 527-540.	1.0	26
25	Interplay of thermochemistry and Structural Chemistry, the journal (volume 21, 2010) and the discipline. Structural Chemistry, 2011, 22, 717-740.	1.0	26
26	Interplay of thermochemistry and Structural Chemistry, the journal (volume 20, 2009) and the discipline. Structural Chemistry, 2010, 21, 1131-1149.	1.0	25
27	Paradigms and paradoxes. Structural Chemistry, 1992, 3, 449-450.	1.0	24
28	Photocleavage of plasmid DNA by dibenzothiopheneS-oxide under anaerobic conditions. Journal of Sulfur Chemistry, 2007, 28, 11-16.	1.0	24
29	Interplay of thermochemistry and Structural Chemistry, the journal (volume 22, 2011, issues 4â€“6) and the discipline. Structural Chemistry, 2012, 23, 1267-1280.	1.0	24
30	The energetics of naphthalene derivatives, III: phenylacetic acid and the isomeric 1- and 2-naphthylacetic acids. Molecular Physics, 2004, 102, 1909-1917.	0.8	22
31	Cyanoâ€‚Nitroâ€•and Nitrosomethane Derivatives: Structures and Gasâ€Phase Acidities. European Journal of Organic Chemistry, 2008, 2008, 4665-4675.	1.2	22
32	Interplay of thermochemistry and Structural Chemistry, the Journal (volume 22, 2011, issues 1â€“3) and the discipline. Structural Chemistry, 2011, 22, 1179-1192.	1.0	22
33	The heats of formation of the haloacetylenes XCCY [X, Y = H, F, Cl]: basis set limitab initioresults and thermochemical analysis. Molecular Physics, 2002, 100, 453-464.	0.8	21
34	Enthalpy of formation of methyl benzoate: calorimetry and consequencesElectronic supplementary information (ESI) available: Physical properties at T = 298.15 K of methyl benzoate. See http://www.rsc.org/suppdata/cp/b2/b202033e/. Physical Chemistry Chemical Physics, 2002, 4, 3611-3613.	1.3	21
35	298â€‰K enthalpies of formation of monofluorinated alkanes: theoretical predictions for methyl, ethyl, isopropyl andtert-butyl fluoride. Journal of Physical Organic Chemistry, 2004, 17, 656-664.	0.9	21
36	Interplay of thermochemistry and structural chemistry, the journal (volume 15, 2004) and the discipline. Structural Chemistry, 2006, 17, 367-376.	1.0	21

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37	Interplay of thermochemistry and Structural Chemistry, the journal (volume 23, 2012, issues 1â€“3) and the discipline. Structural Chemistry, 2012, 23, 2019-2037.	1.0	21
38	The Energetics of Cyclopropene, 1,4-Cyclohexadiene, and Some of Their Hetero- and/or Exocyclic Derivatives. Journal of Organic Chemistry, 1999, 64, 6361-6365.	1.7	19
39	Tetra-tert-butylethylene, fantasy, fake, or reality?. Structural Chemistry, 2006, 17, 419-422.	1.0	19
40	Interplay of thermochemistry and Structural Chemistry, the journal (volume 23, 2012, issues 4â€“6) and the discipline. Structural Chemistry, 2013, 24, 1759-1779.	1.0	19
41	Interplay of thermochemistry and structural chemistry, the journal (volume 24, 2013, issues 1â€“2) and the discipline. Structural Chemistry, 2013, 24, 2101-2114.	1.0	19
42	The energetics of the isomeric 1- and 2-naphthoic acids: context, quantum chemical calculations and thermochemical measurements. Molecular Physics, 2003, 101, 1311-1318.	0.8	18
43	Interplay of thermochemistry and structural chemistry, the journal (volume 24, 2013, issues 3â€“4) and the discipline. Structural Chemistry, 2014, 25, 1581-1592.	1.0	18
44	Catalytic and autocatalytic disproportionation reactions of fluorophosphines and related lower valence nonmetal fluorides. Journal of Fluorine Chemistry, 1984, 25, 289-299.	0.9	17
45	The enthalpy of formation of methionine revisited. Journal of Physical Organic Chemistry, 2012, 25, 916-924.	0.9	17
46	Estimating Phase-Change Enthalpies and Entropies. ACS Symposium Series, 1998, , 63-91.	0.5	16
47	Interplay of thermochemistry and structural chemistry, the journal (volume 24, 2013, issues 5â€“6) and the discipline. Structural Chemistry, 2014, 25, 1881-1894.	1.0	16
48	Interplay of thermochemistry and structural chemistry, the journal (volume 25, 2014, issues 1â€“2) and the discipline. Structural Chemistry, 2015, 26, 623-635.	1.0	16
49	Nitrosyl and dioxygenyl cations and their saltsâ€”Similar but further investigation needed. Journal of Fluorine Chemistry, 2009, 130, 788-791.	0.9	15
50	Paradigms and paradoxes: why is the electron affinity of the azide radical, N3, so large?. Structural Chemistry, 2011, 22, 189-191.	1.0	15
51	Interplay of thermochemistry and Structural Chemistry, the journal (Volume 25, 2014, Issues 3â€“4) and the discipline. Structural Chemistry, 2015, 26, 887-898.	1.0	15
52	Evaluation of strain in heterosiliranes: Systematics, surprises, and problems. International Journal of Quantum Chemistry, 1996, 58, 707-715.	1.0	14
53	The strain energy of perchlorocyclopropane is small: It might even be negative. A density functional theory study of perhalocycloalkanes. International Journal of Quantum Chemistry, 2003, 95, 784-790.	1.0	14
54	Ion Selective Electrode Determination of Free Versus Total Fluoride Ion in Simple and Fluoroligand Coordinated Hexafluoropnictate (PnF6â^', Pn = P, As, Sb, Bi) Salts. Structural Chemistry, 2005, 16, 521-528.	1.0	14

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55	What is the enthalpy of formation of acrylonitrile?. Structural Chemistry, 2010, 21, 481-484.	1.0	14
56	Enthalpy of formation of triphenylphosphine sulfide. Structural Chemistry, 1996, 7, 355-361.	1.0	13
57	Thermochemical studies for determination of the molar enthalpy of formation of aniline derivatives. Structural Chemistry, 1996, 7, 367-373.	1.0	13
58	Relative thermodynamic stabilities of the isomeric dihydrofurans and isomeric dihydropyrans. An experimental and DFT study. Structural Chemistry, 2006, 17, 323-326.	1.0	13
59	Thermophysical properties in medium temperature range of several thio and dithiocarbamates. Journal of Thermal Analysis and Calorimetry, 2008, 91, 471-475.	2.0	13
60	Interplay of thermochemistry and Structural Chemistry, the journal (Volume 25, 2014, Issues 5â€“6) and the discipline. Structural Chemistry, 2015, 26, 1729-1739.	1.0	13
61	Title is missing!. Structural Chemistry, 2002, 13, 501-503.	1.0	12
62	Thermochemistry of Phenols and Related Arenols. , 0, , 223-257.		12
63	What is the enthalpy of formation of acrylic acid?. Structural Chemistry, 2007, 18, 395-398.	1.0	12
64	Interplay of thermochemistry and Structural Chemistry,Âthe journal (Volume 26, 2015, Issues 1â€“2) and the discipline. Structural Chemistry, 2016, 27, 1017-1026.	1.0	12
65	Interrelations in the Thermochemistry of Cyclopropanes. , 0, , 223-260.		11
66	Thermochemistry of Organometallic Compounds of Germanium, Tin and Lead. , 0, , 245-266.		11
67	Thermochemistry of Amines, Nitroso Compounds, Nitro Compounds and Related Species. , 0, , 337-378.		11
68	The sublimation enthalpy of dimethyl oxalate. Structural Chemistry, 1996, 7, 391-395.	1.0	11
69	Synthesis, characterization and thermochemical properties of N-acyl-NÃ¢â‚¬Â²,NÃ¢â‚¬Â²-diethylthioureas. Perkin Transactions II RSC, 2001, , 2174-2178.	1.1	11
70	The energetics of the isomeric anthrols. Molecular Physics, 2004, 102, 623-625.	0.8	11
71	Paradigms and paradoxes: Mechanisms for possible enhanced biological activity of bilaterally symmetrical chemicals. Structural Chemistry, 2006, 17, 347-350.	1.0	11
72	Interplay of thermochemistry and Structural Chemistry, the journal (volume 26, 2015, issues 3â€“4) and the discipline. Structural Chemistry, 2016, 27, 1869-1878.	1.0	11

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73	Thermochemistry of Halogenated Organic Compounds. , 0, , 361-402.		10
74	Title is missing!. Structural Chemistry, 1999, 10, 391-392.	1.0	10
75	Title is missing!. Structural Chemistry, 2000, 11, 1-7.	1.0	10
76	Regularities in the bond dissociation enthalpies of molecules of types AB and BAB: Energetics of 10- and 16-valence electron ions of groups 13, 15, and 16. International Journal of Quantum Chemistry, 2003, 95, 713-718.	1.0	10
77	Paradigms and Paradoxes: Thoughts on the Enthalpy of Formation of Guanidine and Its Monosubstituted Derivatives. Structural Chemistry, 2005, 16, 73-75.	1.0	10
78	Paradigms and paradoxes: Energetics of the oxidative cleavage of indigo and of other olefins. Structural Chemistry, 2007, 18, 71-74.	1.0	10
79	Paradoxes and paradigms: high oxidation states and neighboring rows in the periodic tableâ€"Lanthanides, Actinides, Exotica and Explosives. Structural Chemistry, 2008, 19, 633-635.	1.0	10
80	What are the enthalpy of formation and the stabilization energy of acrolein?. Structural Chemistry, 2013, 24, 741-744.	1.0	10
81	Theoretical characterization of the chemical bonds of some three-membered ring compounds through QTAIM theory. Structural Chemistry, 2016, 27, 663-670.	1.0	10
82	Interplay of thermochemistry and Structural Chemistry, the journal (volume 26, 2015, issue 5) and the discipline. Structural Chemistry, 2017, 28, 879-887.	1.0	10
83	Title is missing!. Structural Chemistry, 1998, 9, 315-317.	1.0	9
84	Paradigms and Paradoxes: Aspects of the Energetics of Carboxylic Acids and Their Anhydrides. , 2000, 11, 265-269.		9
85	Surprises with strain energy and sulpholane (tetrahydrothiophene 1,1-dioxide): a combined experimental and theoretical investigation. Molecular Physics, 2004, 102, 525-530.	0.8	9
86	Thermochemistry of diphenic anhydride. A combined experimental and theoretical study. Molecular Physics, 2005, 103, 1885-1894.	0.8	9
87	Paradoxes and paradigms: Observations on pyrohydrolytic decomposition of fluorine-containg materials and accompanying thermochemistry. Structural Chemistry, 2006, 17, 75-78.	1.0	9
88	Paradigms and paradoxes: Patterns and estimation of the entropy of formation of aqueous polynuclear oxyanions. Structural Chemistry, 2006, 17, 623-629.	1.0	9
89	Relative Packing Efficiency in Hydrates. Journal of Chemical & Engineering Data, 2009, 54, 2722-2728.	1.0	9
90	Interplay of thermochemistry and Structural Chemistry, the journal (volume 27, 2016, issues 1-2) and the discipline. Structural Chemistry, 2017, 28, 889-899.	1.0	9

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91	Comment on the Paper ``Oxygen Monofluoride (OF, 2Ï€): Hartreeâ€Fock Wavefunction, Binding Energy, Ionization Potential, Electron Affinity, Dipole and Quadrupole Moments, and Spectroscopic Constants. A Comparison of Theoretical and Experimental Results'' by P. A. G. O'Hare and A. C. Wahl. Journal of Chemical Physics, 1972, 56, 4242-4243.	1.2	8
92	Thermochemistry of Enamines. , 0, , 255-277.		8
93	The difference of the enthalpies of formation of disulfides and corresponding monosulfides. Structural Chemistry, 1997, 8, 85-89.	1.0	8
94	â€œNibbering's C7H7Nâ€: an ab initio study of the structure and electronic properties of benzaldimine and its protonated ion. Perkin Transactions II RSC, 2002, , 1544-1548.	1.1	8
95	The energetics of naphthalene derivatives. II. The isomeric 1â€" and 2â€"naphthyl acetates. Molecular Physics, 2003, 101, 3231-3237.	0.8	8
96	Thermochemistry of Anilines. , 0, , 259-292.		8
97	Paradigms and paradoxes: patterns and estimation of the entropy of formation of aqueous hydrogen containing mono and polynuclear oxyanions. Structural Chemistry, 2007, 18, 409-413.	1.0	8
98	The heat capacities and standard entropies of corresponding potassium and ammonium ion species: is there a constant difference?. Structural Chemistry, 2009, 20, 31-35.	1.0	8
99	Paradigms and paradoxes: the aromaticity of 6:6 fused carbocycles and heterocycles as an extension of a study of indane and indene derivatives. Structural Chemistry, 2011, 22, 1221-1224.	1.0	8
100	The structure and energetics of pyrrolidinones, tetrahydrofuranones, piperidinones, and tetrahydropyranones: a computational study. Structural Chemistry, 2013, 24, 1829-1839.	1.0	8
101	The gas phase enthalpies of formation of hydrazine, its methylated derivatives, and the corresponding values for ammonia and its methylated derivatives. Structural Chemistry, 2013, 24, 1817-1819.	1.0	8
102	Interplay of thermochemistry and Structural Chemistry, the journal (volume 27, 2016, issues 3â€"4) and the discipline. Structural Chemistry, 2017, 28, 1265-1273.	1.0	8
103	How many bonds are there in diatomic fluorine and chlorine?. Structural Chemistry, 1996, 7, 85-86.	1.0	7
104	Existence and estimated enthalpies of formation of ammonium hydroxide, hydronium amide, and some related species. Structural Chemistry, 1997, 8, 313-315.	1.0	7
105	Paradigms and Paradoxes: Energetics of Aqueous Oxyanions of Nonmetals and Metalloids. Structural Chemistry, 2003, 14, 315-320.	1.0	7
106	Paradigms and Paradoxes: Resonance Stabilization in Diazophenoxides (Quinone Diazides). Structural Chemistry, 2004, 15, 253-255.	1.0	7
107	Calorimetric and computational study of 2H-1, 4-benzoxazin-3(4H)-one and of related species. Molecular Physics, 2006, 104, 1833-1841.	0.8	7
108	Paradigms and paradoxes: A semi-quantitative thermochemical analysis of a dearomatizing reaction of a 1H-imidazole into a related 2H-imidazole. Structural Chemistry, 2006, 17, 127-129.	1.0	7

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109	Paradigms and paradoxes: analysis of the site of protonation of bifunctional organic compounds with the protonation energy/volume computation method. Structural Chemistry, 2008, 19, 609-611.	1.0	7
110	Paradigms and paradoxes: organic thermochemistry without hydrogen: carbon oxides and nitrides. Structural Chemistry, 2008, 19, 683-687.	1.0	7
111	Chemistry, commentary, and community: discussion of â€œan examination of the vaporization enthalpies and vapor pressures of pyrazine, pyrimidine, pyridazine, and 1,3,5-triazineâ€•by Lipkind and Chickos. Structural Chemistry, 2009, 20, 617-618.	1.0	7
112	Paradigms and paradoxes: en route to the understanding of the aromaticity of the â€œiso-speciesâ€• isobenzofuran, anthranil, benzofurazan and 2,1,3-benzothiadiazole. Structural Chemistry, 2012, 23, 1241-1243.	1.0	7
113	Which halogen is the strongest oxidant? A study with systematics and surprises. Structural Chemistry, 2015, 26, 1621-1628.	1.0	7
114	Interplay of thermochemistry and Structural Chemistry, the journal (Volume 27, 2016, Issues 5 and 6) and the discipline. Structural Chemistry, 2017, 28, 1981-1988.	1.0	7
115	Thermochemistry of Organoarsenic, Antimony and Bismuth Compounds. , 0, , 153-168.		6
116	Paradigms and Paradoxes Are Acyl Azides Resonance Stabilized?. Structural Chemistry, 1999, 10, 327-329.	1.0	6
117	Title is missing!. Structural Chemistry, 2000, 11, 325-329.	1.0	6
118	Thermochemistry of Organolithium Compounds. , 0, , 121-136.		6
119	Paradoxes and Paradigms: Aqueous Polynuclear Oxyanions of Sulfur and Homologous Series. Structural Chemistry, 2004, 15, 539-542.	1.0	6
120	Paradigms and Paradoxes: The Energetics of N-Acylimines. Structural Chemistry, 2005, 16, 155-157.	1.0	6
121	Paradigms and paradoxes: patterns and estimation of the entropy of formation of some aqueous complex anions. Structural Chemistry, 2008, 19, 501-508.	1.0	6
122	Three-membered ring amides â€” a calculational and conceptual study of the structure and energetics of 1,2-oxaziridine-3-one and aziridine-2,3-dione. Canadian Journal of Chemistry, 2015, 93, 406-413.	0.6	6
123	A theoretical study of the strong interactions between carbon dioxide and OH+ and NH2 + products resulting from protonation of 1,2-dioxirane-3-one and 1,2-oxaziridine-3-one, respectively. Structural Chemistry, 2016, 27, 1743-1751.	1.0	6
124	Interplay of thermochemistry and Structural Chemistry, the journal (volume 28, 2017, issues 1â€“2) and the discipline. Structural Chemistry, 2018, 29, 947-955.	1.0	6
125	Computational Study of Selected Amine and Lactam N-Oxides Including Comparisons of N-O Bond Dissociation Enthalpies with Those of Pyridine N-Oxides. Molecules, 2020, 25, 3703.	1.7	6
126	Thermochemistry of ethers, alcohols, arenols, enols and peroxides. , 0, , 103-200.		6

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127	Conceptual problems in noble gas and fluorine chemistry, V:1 The difference in the reactions of the isoelectronic XeOF4 and IF5 with KrF+. Journal of Fluorine Chemistry, 1977, 9, 147-151.	0.9	5
128	Paradigms and paradoxes: A personal perspective. Structural Chemistry, 1991, 2, 201-202.	1.0	5
129	Paradigms and Paradoxes: Electronegativity and Bond Energiesâ€"Living Legacies of Linus and Lee. Structural Chemistry, 2000, 11, 375-378.	1.0	5
130	Patterns and estimation of the entropies of formation of fluorine containing aqueous anions. Structural Chemistry, 2007, 18, 883-889.	1.0	5
131	Thermochemistry and quantum chemical calculations of two dibenzocycloalkane nitriles. Structural Chemistry, 2011, 22, 89-94.	1.0	5
132	Protonated heterocyclic derivatives of cyclopropane and cyclopropanone: classical species, alternate sites, and ring fragmentation. Canadian Journal of Chemistry, 2015, 93, 708-714.	0.6	5
133	Interplay of thermochemistry and Structural Chemistry, the journal (volume 28, 2017, issues 3â€"4) and the discipline. Structural Chemistry, 2018, 29, 1235-1245.	1.0	5
134	Alkaloids and Selected Topics in Their Thermochemistry. Molecules, 2021, 26, 6715.	1.7	5
135	Title is missing!. Structural Chemistry, 2000, 11, 261-263.	1.0	4
136	Energy Levels and Orbitals of the Simplest Clusters in N-Dimensions. Structural Chemistry, 2000, 11, 173-176.	1.0	4
137	Dicoordinate boron and phosphorus. HBCNâ^'and HPCNâ^'case study. International Journal of Quantum Chemistry, 2001, 84, 140-148.	1.0	4
138	Thermochemistry of Dienes and Polyenes. , 2003, , 67-110.		4
139	Chemistry, commentary and community: Discussion of â€œThe NaDyBr4 complex: its molecular structure and thermodynamic propertiesâ€•by Varga and Hargittai. Structural Chemistry, 2007, 18, 269-271.	1.0	4
140	Quinones, monoradicals and diradicals from 3- and 4-mercaptocatechol and 3,4-bismercaptocatechol: a computational study of a plausibly biomimetic reaction. Journal of Sulfur Chemistry, 2008, 29, 445-457.	1.0	4
141	Isidor Fankuchen (1904â€"1964): more than memories of a master measurer of molecules and materials. Structural Chemistry, 2014, 25, 1593-1595.	1.0	4
142	The enthalpy of formation of the isomeric 2,3- and 2,5-dihydrofuran. Journal of Chemical Thermodynamics, 2016, 97, 135-136.	1.0	4
143	Computed Regioselectivity and Conjectured Biological Activity of Ene Reactions of Singlet Oxygen with the Natural Product Hyperforin. Photochemistry and Photobiology, 2017, 93, 626-631.	1.3	4
144	Paradoxes and paradigms: observations on pyrohydrolysis, oxygen bomb combustion, and alkaline carbonate fusion, most frequently used decomposition methods for subsequent determination of fluorine and accompanying thermochemistry. Structural Chemistry, 2018, 29, 1247-1254.	1.0	4

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145	The resonance energy of amides and their radical cations. Structural Chemistry, 2019, 30, 1631-1634.	1.0	4
146	Interplay of thermochemistry and Structural Chemistry, the journal (volume 28, 2017, issues 5â€“6), and the discipline. Structural Chemistry, 2019, 30, 1095-1104.	1.0	4
147	Problems in the measurement of the enthalpies of formation of organic and organometallic compounds: Does fluorine bomb calorimetry provide an answer?. Structural Chemistry, 1996, 7, 301-302.	1.0	3
148	Title is missing!. Structural Chemistry, 2003, 14, 417-419.	1.0	3
149	Title is missing!. Structural Chemistry, 2003, 14, 421-422.	1.0	3
150	Paradigms and paradoxes: energetics of the oxidative cleavage of azo compounds (diazenes). Structural Chemistry, 2008, 19, 817-818.	1.0	3
151	Paradoxes and paradigms: influence of the power of z on the estimation of entropies of formation of aqueous anions using simple parameters. Structural Chemistry, 2009, 20, 757-765.	1.0	3
152	Paradigms and paradoxes: the weak bonds in elemental halogens, peroxides, disulfides, interhalogens, noble gas monohalide cations, and isoelectronic species. Structural Chemistry, 2011, 22, 371-372.	1.0	3
153	Thermochemical and structural properties of anthraquinones. Structural Chemistry, 2013, 24, 2027-2034.	1.0	3
154	Linear model for estimating the entropy of formation of aqueous anions. Structural Chemistry, 2013, 24, 2069-2082.	1.0	3
155	Predicted Reversal in N-Methylazepine/N-Methyl-7-azanorcaradiene Equilibrium upon Formation of Their N-Oxides. Molecules, 2020, 25, 4767.	1.7	3
156	An overview of the understanding of ions containing solely fluorine atoms. Acta Chimica Slovenica, 2013, 60, 471-83.	0.2	3
157	Paradigms and Paradoxes: Common and Maximum Accessible Oxidation States of the Elements. Structural Chemistry, 2001, 12, 197-199.	1.0	2
158	Editorial commentary: Announcement of a new column for Structural Chemistryâ€”Chemistry, Commentary and Community. Structural Chemistry, 2007, 18, 267-267.	1.0	2
159	Thermochemical and structural study of a dibenzocycloheptane cyanoenamine. Structural Chemistry, 2013, 24, 1975-1980.	1.0	2
160	Interplay of thermochemistry and Structural Chemistry: the journal (volume 29, 2018, issues 1â€“2) and the discipline. Structural Chemistry, 2019, 30, 1105-1115.	1.0	2
161	Thermochemistry of Fluorinated Dimethyl and Ethyl Methyl Ethers and Corresponding Radical Species. Journal of Chemical & Engineering Data, 2020, 65, 1594-1616.	1.0	2
162	Photochemical Valence Isomerization to High Energy Products â€“ Bicyclobutanes and Oxabicyclobutanes. Photochemistry and Photobiology, 2021, , .	1.3	2

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163	Systematics and Surprises in Bond Energies of Fluorinated Reactive Intermediates. ACS Symposium Series, 1991, , 36-54.	0.5	1
164	Some thoughts on the solubility of carbon dioxide and silicon dioxide in water. Structural Chemistry, 1997, 8, 379-381.	1.0	1
165	Title is missing!. Structural Chemistry, 1998, 9, 429-430.	1.0	1
166	Where are the angles? Angular dependence (and independence) of orbitals and functions. International Journal of Quantum Chemistry, 2005, 101, 283-286.	1.0	1
167	Paradigms and paradoxes: properties of ideal gases for large and small species. Structural Chemistry, 2009, 20, 1077-1078.	1.0	1
168	Paradigms and paradoxes: a comparison of the enthalpies of formation of trinitromethyl and trimethylmethyl (t-butyl) containing species. Structural Chemistry, 2010, 21, 1051-1052.	1.0	1
169	Introduction: MarÃa Victoria Roux, colleague, calorimetrist, and friend. Structural Chemistry, 2013, 24, 1785-1787.	1.0	1
170	Paradigms and paradoxes. Tetrahedral units: dodecahedral super-structures. Structural Chemistry, 2018, 29, 89-96.	1.0	1
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