

Sergey P Verevkin

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421
papers

11,635
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51
h-index

86
g-index

440
ext. papers

12,944
ext. citations

3.6
avg, IF

6.68
L-index

#	Paper	IF	Citations
421	Organic carbonates as solvents in synthesis and catalysis. <i>Chemical Reviews</i> , 2010 , 110, 4554-81	68.1	851
420	Experimental vapor pressures of 1-alkyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imides and a correlation scheme for estimation of vaporization enthalpies of ionic liquids. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 7303-6	2.8	503
419	The gaseous enthalpy of formation of the ionic liquid 1-butyl-3-methylimidazolium dicyanamide from combustion calorimetry, vapor pressure measurements, and ab initio calculations. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3930-7	16.4	319
418	The influence of hydrogen bonding on the physical properties of ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 14064-75	3.6	243
417	Thermodynamic Properties of Mixtures Containing Ionic Liquids. 1. Activity Coefficients at Infinite Dilution of Alkanes, Alkenes, and Alkylbenzenes in 4-Methyl-n-butylpyridinium Tetrafluoroborate Using Gas/Liquid Chromatography. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 1526-1529	2.8	228
416	Thermodynamic Properties of Mixtures Containing Ionic Liquids. 2. Activity Coefficients at Infinite Dilution of Hydrocarbons and Polar Solutes in 1-Methyl-3-ethyl-imidazolium Bis(trifluoromethyl-sulfonyl) Amide and in 1,2-Dimethyl-3-ethyl-imidazolium Bis(trifluoromethyl-sulfonyl) Amide Using Gas/Liquid Chromatography. <i>Journal of Chemical & Engineering Data</i> , 2002 , 47, 894-899	2.8	200
415	Enthalpies of vaporization of a series of aliphatic alcohols. <i>Fluid Phase Equilibria</i> , 2001 , 192, 187-207	2.5	195
414	Making sense of enthalpy of vaporization trends for ionic liquids: new experimental and simulation data show a simple linear relationship and help reconcile previous data. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 6473-86	3.4	142
413	Thermodynamic properties of mixtures containing ionic liquids. Activity coefficients at infinite dilution of polar solutes in 4-methyl- N-butyl-pyridinium tetrafluoroborate using gas/liquid chromatography. <i>Journal of Chemical Thermodynamics</i> , 2002 , 34, 1341-1347	2.9	134
412	Thermochemistry of Halogen-Substituted Methylbenzenes. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 89-103	2.8	131
411	Liquid Organic Hydrogen Carriers: Thermophysical and Thermochemical Studies of Benzyl- and Dibenzyl-toluene Derivatives. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 7967-7976	3.9	129
410	Transpiration method: Vapor pressures and enthalpies of vaporization of some low-boiling esters. <i>Fluid Phase Equilibria</i> , 2008 , 266, 64-75	2.5	123
409	Thermodynamic Properties of Mixtures Containing Ionic Liquids. 5. Activity Coefficients at Infinite Dilution of Hydrocarbons, Alcohols, Esters, and Aldehydes in 1-Methyl-3-butyl-imidazolium Bis(trifluoromethyl-sulfonyl) Imide Using Gas/Liquid Chromatography. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1510-1514	2.8	101
408	A new method for the determination of vaporization enthalpies of ionic liquids at low temperatures. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 12889-95	3.4	97
407	Express thermo-gravimetric method for the vaporization enthalpies appraisal for very low volatile molecular and ionic compounds. <i>Thermochimica Acta</i> , 2012 , 538, 55-62	2.9	93
406	Low-viscosity paramagnetic ionic liquids with doubly charged [Co(NCS)4]2- ions. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7116-9	16.4	88
405	Thermodynamic Properties of Mixtures Containing Ionic Liquids. 8. Activity Coefficients at Infinite Dilution of Hydrocarbons, Alcohols, Esters, and Aldehydes in 1-Hexyl-3-methylimidazolium Bis(trifluoromethylsulfonyl) Imide Using Gas/Liquid Chromatography. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 434-437	2.8	87

404	Rediscovering the Wheel. Thermochemical Analysis of Energetics of the Aromatic Diazines. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 3454-9	6.4	85
403	Thermodynamic Properties of Mixtures Containing Ionic Liquids. 9. Activity Coefficients at Infinite Dilution of Hydrocarbons, Alcohols, Esters, and Aldehydes in Trimethyl-butylammonium Bis(trifluoromethylsulfonyl) Imide Using Gas/Liquid Chromatography and Static Method. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 648-655	2.8	84
402	Organic carbonates as alternative solvents for palladium-catalyzed substitution reactions. <i>ChemSusChem</i> , 2008 , 1, 249-53	8.3	82
401	Substituent Effects on the Benzene Ring. Determination of the Intramolecular Interactions of Substituents in tert-Alkyl-Substituted Catechols from Thermochemical Measurements. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 946-952	2.8	82
400	Biomass-Derived Platform Chemicals: Thermodynamic Studies on the Conversion of 5-Hydroxymethylfurfural into Bulk Intermediates. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 10087-10093	3.9	81
399	Predicting enthalpy of vaporization of ionic liquids: a simple rule for a complex property. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5071-4	16.4	80
398	Benchmark thermodynamic properties of 1,3-propanediol: Comprehensive experimental and theoretical study. <i>Journal of Chemical Thermodynamics</i> , 2015 , 85, 111-119	2.9	79
397	Vapor Pressures and Vaporization Enthalpies of a Series of Dialkyl Phthalates by Correlation Gas Chromatography. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 1353-1365	2.8	79
396	Vapor Pressures and Activity Coefficients of n-Alcohols and Benzene in Binary Mixtures with 1-Methyl-3-butyliimidazolium Octyl Sulfate and 1-Methyl-3-octylimidazolium Tetrafluoroborate. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 518-525	2.8	76
395	Determination of Vapor Pressures and Vaporization Enthalpies of the Aliphatic Branched C5 and C6 Alcohols. <i>Journal of Chemical & Engineering Data</i> , 2001 , 46, 1593-1600	2.8	74
394	Thermodynamic Properties of Mixtures Containing Ionic Liquids. Activity Coefficients of Ethers and Alcohols in 1-Methyl-3-Ethyl-Imidazolium Bis(Trifluoromethyl-sulfonyl) Imide Using the Transpiration Method. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 142-148	2.8	73
393	Thermodynamic Properties of Mixtures Containing Ionic Liquids. 6. Activity Coefficients at Infinite Dilution of Hydrocarbons, Alcohols, Esters, and Aldehydes in 1-Methyl-3-octyl-imidazolium Tetrafluoroborate Using Gas/Liquid Chromatography. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1515-1519	2.8	71
392	Thermodynamic properties of mixtures containing ionic liquids. <i>Fluid Phase Equilibria</i> , 2005 , 236, 222-228	2.5	70
391	New Group-Contribution Approach to Thermochemical Properties of Organic Compounds: Hydrocarbons and Oxygen-Containing Compounds. <i>Journal of Physical and Chemical Reference Data</i> , 2013 , 42, 033102	4.3	69
390	Volatile times for the very first ionic liquid: understanding the vapor pressures and enthalpies of vaporization of ethylammonium nitrate. <i>Chemistry - A European Journal</i> , 2014 , 20, 11640-5	4.8	68
389	Separation Performance of BioRenewable Deep Eutectic Solvents. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 3498-3504	3.9	67
388	Thermodynamic analysis of strain in the five-membered oxygen and nitrogen heterocyclic compounds. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 1992-2004	2.8	67
387	Pyrrolidinium-based ionic liquids. 1-Butyl-1-methyl pyrrolidinium dicyanoamide: thermochemical measurement, mass spectrometry, and ab initio calculations. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 11734-42	3.4	66

386	Determination of volatility of ionic liquids at the nanoscale by means of ultra-fast scanning calorimetry. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 2971-80	3.6	64
385	Thermochemistry of imidazolium-based ionic liquids: experiment and first-principles calculations. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 14994-5000	3.6	64
384	Experimental Study of Thermodynamic Properties of Mixtures Containing Ionic Liquid 1-Ethyl-3-methylimidazolium Ethyl Sulfate Using Gas/Liquid Chromatography and Transpiration Method. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 2138-2144	2.8	64
383	Ionic liquids. Combination of combustion calorimetry with high-level quantum chemical calculations for deriving vaporization enthalpies. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 8095-8	3.4	61
382	Solution calorimetry as a complementary tool for the determination of enthalpies of vaporization and sublimation of low volatile compounds at 298.15 K. <i>Thermochimica Acta</i> , 2014 , 589, 164-173	2.9	60
381	Measurement and Prediction of the Monocarboxylic Acids Thermochemical Properties. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 953-960	2.8	60
380	Thermochemistry of amines: strain in six-membered rings from experimental standard molar enthalpies of formation of morpholines and piperazines. <i>Journal of Chemical Thermodynamics</i> , 1998 , 30, 1069-1079	2.9	59
379	Vapour pressures and enthalpies of vaporization of a series of the linear n-alkyl-benzenes. <i>Journal of Chemical Thermodynamics</i> , 2006 , 38, 1111-1123	2.9	56
378	Determination of vapor pressures and enthalpies of vaporization of 1,2-alkanediols. <i>Fluid Phase Equilibria</i> , 2004 , 224, 23-29	2.5	56
377	Determining the vapour pressures of plant volatiles from gas chromatographic retention data. <i>Journal of Chromatography A</i> , 2005 , 1083, 161-72	4.5	55
376	Thermodynamics of ionic liquids precursors: 1-methylimidazole. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 4404-11	3.4	54
375	An Experimental Thermochemical and Theoretical Study of Triquinacene: Definitive Disproof of Its Neutral Homoaromaticity. <i>Journal of the American Chemical Society</i> , 1998 , 120, 11130-11135	16.4	54
374	Hydrogen Storage: Thermochemical Studies of N-Alkylcarbazoles and Their Derivatives as a Potential Liquid Organic Hydrogen Carriers. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 26381-26389	3.8	53
373	Estimating enthalpies of vaporization of imidazolium-based ionic liquids from far-infrared measurements. <i>ChemPhysChem</i> , 2010 , 11, 1623-6	3.2	53
372	Imidazolium-based ionic liquids. 1-methyl imidazolium nitrate: thermochemical measurements and ab initio calculations. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 9871-6	3.4	52
371	Thermodynamic properties of mixtures containing ionic liquids. <i>Fluid Phase Equilibria</i> , 2004 , 218, 165-175	2.5	52
370	Liquid Organic Hydrogen Carriers: Thermophysical and Thermochemical Studies of Carbazole Partly and Fully Hydrogenated Derivatives. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 7953-7966	3.9	51
369	Structure-property relationships in ionic liquids: a study of the anion dependence in vaporization enthalpies of imidazolium-based ionic liquids. <i>ChemPhysChem</i> , 2012 , 13, 1868-76	3.2	51

368	Measurement and Prediction of Thermochemical Properties: Improved Increments for the Estimation of Enthalpies of Sublimation and Standard Enthalpies of Formation of Alkyl Derivatives of Urea. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 79-87	2.8	51
367	Does alkyl chain length really matter? Structure-property relationships in thermochemistry of ionic liquids. <i>Thermochimica Acta</i> , 2013 , 562, 84-95	2.9	50
366	Pairwise substitution effects, inter- and intramolecular hydrogen bonds in methoxyphenols and dimethoxybenzenes. Thermochemistry, calorimetry, and first-principles calculations. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 16503-16	3.4	49
365	Vapour pressures and enthalpies of vapourization of a series of the linear aliphatic nitriles. <i>Journal of Chemical Thermodynamics</i> , 2005 , 37, 73-81	2.9	48
364	Improved Benson Increments for the Estimation of Standard Enthalpies of Formation and Enthalpies of Vaporization of Alkyl Ethers, Acetals, Ketals, and Ortho Esters. <i>Journal of Chemical & Engineering Data</i> , 2002 , 47, 1071-1097	2.8	48
363	Thermochemistry of Chlorobenzenes and Chlorophenols: Ambient Temperature Vapor Pressures and Enthalpies of Phase Transitions. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 499-510	2.8	47
362	Vapour pressures and enthalpies of vaporization of a series of the linear n-alkyl acetates. <i>Journal of Chemical Thermodynamics</i> , 2006 , 38, 717-723	2.9	47
361	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1114-1124	2.8	46
360	Enthalpies of Solution of Organic Solutes in the Ionic Liquid 1-Methyl-3-ethyl-imidazolium Bis-(trifluoromethyl-sulfonyl) Amide. <i>Journal of Solution Chemistry</i> , 2003 , 32, 519-526	1.8	46
359	Benchmark Thermochemistry for Biologically Relevant Adenine and Cytosine. A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 9680-91	2.8	45
358	The Heat of Hydrogenation of (a) Cyclohexatriene. <i>Journal of the American Chemical Society</i> , 2000 , 122, 7819-7820	16.4	45
357	Geminale substituenteneffekte. Teil 9*. Standardbildungsenthalpien und spannungsfreie inkremente verzweigter ester und ether. <i>Thermochimica Acta</i> , 1996 , 279, 47-64	2.9	45
356	Comprehensive Study of Vapor Pressures and Enthalpies of Vaporization of Cyclohexyl Esters. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 1393-1400	2.8	44
355	Determination of Vaporization Enthalpies of the Branched Esters from Correlation Gas Chromatography and Transpiration Methods. <i>Journal of Chemical & Engineering Data</i> , 1999 , 44, 1240-1244	2.8	44
354	Thermodynamic Properties of Mixtures Containing Ionic Liquids. 7. Activity Coefficients of Aliphatic and Aromatic Esters and Benzylamine in 1-Methyl-3-ethylimidazolium Bis(trifluoromethylsulfonyl) Imide Using the Transpiration Method. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 213-218	2.8	43
353	Dispersion and Hydrogen Bonding Rule: Why the Vaporization Enthalpies of Aprotic Ionic Liquids Are Significantly Larger than those of Protic Ionic liquids. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11682-6	16.4	43
352	Liquid Organic Hydrogen Carriers: An Upcoming Alternative to Conventional Technologies. Thermochemical Studies.. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 12150-12153	3.9	42
351	Vaporization and formation enthalpies of 1-alkyl-3-methylimidazolium tricyanomethanides. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 11712-7	3.4	42

350	Going full circle: phase-transition thermodynamics of ionic liquids. <i>Chemistry - A European Journal</i> , 2011 , 17, 6508-17	4.8	42
349	Strain Energies in [n]Triangulanes and Spirocyclopropanated Cyclobutanes: An Experimental Study. <i>Journal of the American Chemical Society</i> , 1995 , 117, 11854-11860	16.4	42
348	Structure-energy relationship in barbituric acid: a calorimetric, computational, and crystallographic study. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 7455-65	2.8	41
347	Vapor Pressures and Vaporization Enthalpies of a Series of Ethanolamines. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 398-402	2.8	41
346	Thermodynamics of Imidazolium-Based Ionic Liquids Containing PF6 Anions. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 7949-57	3.4	41
345	Benchmark thermodynamic properties of methylanisoles: Experimental and theoretical study. <i>Journal of Chemical Thermodynamics</i> , 2015 , 85, 155-162	2.9	40
344	Structure-property relationships in ILs: A study of the alkyl chain length dependence in vaporisation enthalpies of pyridinium based ionic liquids. <i>Science China Chemistry</i> , 2012 , 55, 1525-1531	7.9	40
343	Paramagnetic Ionic Liquid 1-Butyl-3-methylimidazolium Tetrabromidocobaltate(II): Activity Coefficients at Infinite Dilution of Organic Solutes and Crystal Structure. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1524-1528	2.8	40
342	Vapor pressures and enthalpies of vaporization of a series of the linear aliphatic aldehydes. <i>Fluid Phase Equilibria</i> , 2003 , 206, 331-339	2.5	40
341	Thermochemistry of substituted benzenes. Experimental standard molar enthalpies of formation of o-, m-, and p-terphenyls and 1,3,5-triphenylbenzene. <i>Journal of Chemical Thermodynamics</i> , 1997 , 29, 1495-1501	2.9	39
340	Rhodium-catalyzed asymmetric hydrogenation with self-assembling catalysts in propylene carbonate. <i>Tetrahedron Letters</i> , 2008 , 49, 768-771	2	39
339	Vapor pressure of ionic liquids at low temperatures from AC-chip-calorimetry. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 21381-90	3.6	38
338	Vaporization enthalpies of imidazolium based ionic liquids: dependence on alkyl chain length. <i>ChemPhysChem</i> , 2011 , 12, 3609-13	3.2	38
337	Building blocks for ionic liquids: Vapor pressures and vaporization enthalpies of 1-(n-alkyl)-imidazoles. <i>Journal of Chemical Thermodynamics</i> , 2011 , 43, 1500-1505	2.9	38
336	Molecular interactions in 1-butanol + IL solutions by measuring and modeling activity coefficients. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 3173-85	3.4	37
335	Molecular origin of enhanced proton conductivity in anhydrous ionic systems. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1157-64	16.4	37
334	Enthalpies of Vaporization and Sublimation of the Halogen-Substituted Aromatic Hydrocarbons at 298.15 K: Application of Solution Calorimetry Approach. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 748-761	2.8	36
333	Melting temperature and heat of fusion of cytosine revealed from fast scanning calorimetry. <i>Thermochimica Acta</i> , 2017 , 657, 47-55	2.9	35

332	Enthalpies of formation and strain of chlorobenzoic acids from thermochemical measurements and from ab initio calculations. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 4375-80	2.8	35
331	Encapsulated cobalt nanoparticles as a recoverable catalyst for the hydrolysis of sodium borohydride. <i>Energy Storage Materials</i> , 2020 , 27, 187-197	19.4	34
330	Enthalpies of formation of nitromethane and nitrobenzene: New experiments vs. quantum chemical calculations. <i>Journal of Chemical Thermodynamics</i> , 2014 , 73, 163-170	2.9	34
329	Thermodynamic properties of adamantane revisited. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 10064-73	3.4	34
328	Thermochemical properties of branched alkylsubstituted benzenes. <i>Journal of Chemical Thermodynamics</i> , 1998 , 30, 1029-1040	2.9	34
327	Thermochemistry of aromatic ketones. Experimental enthalpies of formation and structural effects Presented at the Twelfth Ulm-Freiberg Conference, Freiberg, Germany, 1991 March 19971. <i>Thermochimica Acta</i> , 1998 , 310, 229-235	2.9	34
326	Vapour pressures and enthalpies of vapourization of a series of the β -keto ketones. <i>Journal of Chemical Thermodynamics</i> , 2008 , 40, 911-916	2.9	34
325	Vapour pressure and enthalpy of vaporization of aliphatic dialkyl carbonates. <i>Journal of Chemical Thermodynamics</i> , 2008 , 40, 1136-1140	2.9	34
324	Thermochemistry of nitro compounds. Experimental standard enthalpies of formation and improved group-additivity values. <i>Thermochimica Acta</i> , 1997 , 307, 17-25	2.9	33
323	Cyclic alkylene carbonates. Experiment and first principle calculations for prediction of thermochemical properties. <i>Journal of Chemical Thermodynamics</i> , 2008 , 40, 1428-1432	2.9	33
322	Vapour pressure and enthalpy of vaporization of cyclic alkylene carbonates. <i>Fluid Phase Equilibria</i> , 2008 , 268, 1-6	2.5	32
321	Vapor Pressures, Enthalpies of Vaporization, and Critical Parameters of a Series of Linear Aliphatic Dimethyl Esters of Dicarboxylic Acids. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 1896-1905	2.8	32
320	Benzoic Acid and Chlorobenzoic Acids: Thermodynamic Study of the Pure Compounds and Binary Mixtures With Water. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 1050-8	3.9	32
319	Co-solvent effects on reaction rate and reaction equilibrium of an enzymatic peptide hydrolysis. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 11317-11326	3.6	31
318	Structure-property relationships in ILs: Vaporization enthalpies of pyrrolidinium based ionic liquids. <i>Journal of Molecular Liquids</i> , 2014 , 192, 171-176	6	31
317	Thermodynamic analysis of strain in heteroatom derivatives of indene. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 12271-9	2.8	31
316	Organische Carbonate. Große Lösungsmittel für Synthese und Katalyse. <i>Chemie in Unserer Zeit</i> , 2009 , 43, 12-21	0.2	31
315	Activity coefficients at infinite dilution and enthalpies of solution of methanol, 1-butanol, and 1-hexanol in 1-hexyl-3-methyl-imidazolium bis(trifluoromethyl-sulfonyl) imide. <i>Journal of Chemical Thermodynamics</i> , 2007 , 39, 268-274	2.9	31

- 314 Thermochemistry of dihalogen-substituted benzenes: data evaluation using experimental and quantum chemical methods. *Journal of Physical Chemistry B*, **2014**, 118, 14479-92 3.4 30
- 313 Ionic liquids: differential scanning calorimetry as a new indirect method for determination of vaporization enthalpies. *Journal of Physical Chemistry B*, **2012**, 116, 4276-85 3.4 30
- 312 Geminal Substituent Effects, 15. Enthalpies of Formation of a Series of Fluorinated Hydrocarbons and Strain-Free Group Increments to Assess Polar and Anomeric Stabilization and Strain. *Liebigs Annalen*, **1997**, 1997, 1333-1344 30
- 311 Pairwise-substitution effects and intramolecular hydrogen bonds in nitrophenols and methylnitrophenols. Thermochemical measurements and ab initio calculations. *Journal of Physical Chemistry A*, **2007**, 111, 6552-62 2.8 29
- 310 Thermodynamic properties of 1-aminoadamantane. *Journal of Chemical Thermodynamics*, **2008**, 40, 509-522 29
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- 308 Heats of formation of [2.2]paracyclophane-1-ene and [2.2]paracyclophane-1,9-diene - an experimental study. *Journal of the American Chemical Society*, **2003**, 125, 15110-3 16.4 29
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- 302 Thermochemistry of amines: experimental standard molar enthalpies of formation of some aliphatic and aromatic amines. *Journal of Chemical Thermodynamics*, **1997**, 29, 891-899 2.9 27
- 301 Thermodynamic properties of glycerol: Experimental and theoretical study. *Fluid Phase Equilibria*, **2015**, 397, 87-94 2.5 26
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- 299 Vaporization enthalpies of imidazolium based ionic liquids. A thermogravimetric study of the alkyl chain length dependence. *Journal of Chemical Thermodynamics*, **2012**, 54, 433-437 2.9 26
- 298 Rh-catalyzed asymmetric hydrogenation of unsaturated lactate precursors in propylene carbonate. *ChemSusChem*, **2008**, 1, 934-40 8.3 26
- 297 Di-hydroxybenzenes: Catechol, resorcinol, and hydroquinone. *Thermochimica Acta*, **2008**, 471, 33-42 2.9 26

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291	Benzoic acid derivatives: Evaluation of thermochemical properties with complementary experimental and computational methods. <i>Thermochimica Acta</i> , 2015 , 622, 18-30	2.9	24
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