

Bruno Brunetti

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53
papers

811
citations

17
h-index

25
g-index

59
ext. papers

925
ext. citations

3.4
avg, IF

3.96
L-index

#	Paper	IF	Citations
53	On the Thermal and Thermodynamic (In)Stability of Methylammonium Lead Halide Perovskites. <i>Scientific Reports</i> , 2016 , 6, 31896	4.9	161
52	Odd-Even effect in melting properties of 12 alkane-1,4-diamides. <i>Journal of Chemical Thermodynamics</i> , 2006 , 38, 1546-1552	2.9	44
51	Sublimation Enthalpies of Some Methyl Derivatives of Uracil from Vapor Pressure Measurements. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 242-246	2.8	35
50	Decomposition of H ₂ SO ₄ by Direct Solar Radiation. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 6393-6400	3.9	29
49	Vaporization Studies of Lanthanum Trichloride, Tribromide, and Triiodide. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 231-236	2.8	26
48	Vapor Pressure and Enthalpies of Vaporization of Cerium Trichloride, Tribromide, and Triiodide. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 823-828	2.8	26
47	Vaporization of the prototypical ionic liquid BMImNTf ₂ under equilibrium conditions: a multitechnique study. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 15653-61	3.6	24
46	Vaporization Studies of Dysprosium Trichloride, Tribromide, and Triiodide. <i>Journal of Chemical & Engineering Data</i> , 1999 , 44, 509-515	2.8	22
45	Torsion Vapor Pressures and Sublimation Enthalpies of Arsenic Triselenide and Tritelluride. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 24-29	2.8	21
44	Thermochemical study of 2,4-, 2,6- and 3,4-dihydroxybenzoic acids in the liquid phase using a TG apparatus. <i>Thermochimica Acta</i> , 2011 , 515, 84-90	2.9	20
43	Hydrogen production by water splitting on manganese ferrite-sodium carbonate mixture: Feasibility tests in a packed bed solar reactor-receiver. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 20920-20929	6.7	19
42	Vapor Pressures of Gallium Trifluoride, Trichloride, and Triiodide and Their Standard Sublimation Enthalpies. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 98-102	2.8	19
41	Enthalpies and entropies of fusion and of sublimation at the temperature 298.15 K of thiourea and seven N-alkylthioureas. <i>Journal of Chemical Thermodynamics</i> , 2000 , 32, 979-997	2.9	19
40	Vapor Pressures and Sublimation Enthalpies of Praseodymium Trichloride, Tribromide, and Triiodide. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 1167-1172	2.8	19
39	Vaporization Study of YbCl ₃ , YbBr ₃ , YbI ₂ , LuCl ₃ , LuBr ₃ , and LuI ₃ and a New Assessment of Sublimation Enthalpies of Rare Earth Trichlorides. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1801-1813	2.8	18
38	Vapor pressures and standard molar enthalpies, entropies, and Gibbs free energies of sublimation of 2,4- and 3,4-dinitrobenzoic acids. <i>Journal of Chemical Thermodynamics</i> , 2009 , 41, 880-887	2.9	17
37	Some Thermodynamic Properties of C ₇₆ and C ₈₄ . <i>Journal of Physical Chemistry B</i> , 1997 , 101, 10715-10718	3.4	17

36	Torsion Vapor Pressures and Sublimation Enthalpies of Aluminum Trifluoride and Aluminum Trichloride. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 940-944	2.8	16
35	Vaporization study of samarium trichloride, samarium tribromide and samarium diiodide. <i>Materials Chemistry and Physics</i> , 2003 , 78, 637-644	4.4	15
34	Standard Sublimation Enthalpies of Some Dichlorophenoxy Acids and Their Methyl Esters. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 666-672	2.8	14
33	A Torsion Study on the Sublimation Process of InCl ₃ . <i>Journal of Chemical & Engineering Data</i> , 1998 , 43, 101-104	2.8	14
32	Toward the Elucidation of the Competing Role of Evaporation and Thermal Decomposition in Ionic Liquids: A Multitechnique Study of the Vaporization Behavior of 1-Butyl-3-methylimidazolium Hexafluorophosphate under Effusion Conditions. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 10382-10393	3.4	13
31	Vapor pressures, standard molar enthalpies, entropies Gibbs energies of sublimation and heat capacities of 2,5- and 3,5-dibromobenzoic acids. <i>Fluid Phase Equilibria</i> , 2013 , 338, 148-154	2.5	12
30	Vapor Pressures and Standard Molar Sublimation Enthalpies of Three 6-Methylthio-2,4-di(alkylamino)-1,3,5-triazine Derivatives: Simetryn, Ametryn, and Terbutryn. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1585-1594	2.8	12
29	Standard Sublimation Enthalpies of Erbium Trichloride, Tribromide, and Triiodide. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 946-950	2.8	11
28	Vapor Pressures and Standard Sublimation Enthalpies for Thulium Trichloride, Tribromide, and Triiodide. <i>Journal of Chemical & Engineering Data</i> , 2004 , 49, 832-837	2.8	10
27	Thermal characterization of a cavity receiver for hydrogen production by thermochemical cycles operating at moderate temperatures. <i>Solar Energy</i> , 2013 , 92, 256-268	6.8	9
26	Vapor Pressure and Standard Enthalpies of Sublimation of Iron Difluoride, Iron Dichloride, and Iron Dibromide. <i>Journal of Chemical & Engineering Data</i> , 1996 , 41, 14-20	2.8	9
25	Evaporation thermodynamics of the tetraoctylphosphonium bis(trifluoromethansulfonyl)imide ([P8888]NTf ₂) and tetraoctylphosphonium nonafluorobutane-1-sulfonate ([P8888]NFBS) ionic liquids. <i>Journal of Molecular Liquids</i> , 2021 , 333, 115892	6	9
24	Sublimation Enthalpies of 5-Haloderivatives of 1,3-Dimethyluracil. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 74-81	2.8	8
23	Enthalpies and Entropies of Sublimation of Some Primary Alkylamides. <i>Journal of Chemical & Engineering Data</i> , 2000 , 45, 237-241	2.8	8
22	Synthesis, thermal behavior and kinetic study of N-morpholinium dicationic ionic liquids by thermogravimetry. <i>Journal of Molecular Liquids</i> , 2021 , 332, 115662	6	8
21	Stabilizing lead halide perovskites with quaternary ammonium cations: the case of tetramethylammonium lead iodide. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 24768-24777	3.6	8
20	Study of H_2O Poisoning of Fe ₂ O ₃ -Based Catalysts for the H ₂ SO ₄ Decomposition in the Sulfur-Iodine Cycle for Hydrogen Production. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 625-631	3.9	7
19	Dissociation pressure and standard dissociation enthalpy of RuO ₂ . <i>Materials Chemistry and Physics</i> , 2004 , 83, 145-149	4.4	7

18	A Sublimation Study of Lindane. <i>Journal of Chemical & Engineering Data</i> , 1998 , 43, 447-450	2.8	7
17	Torsion and Knudsen measurements of cobalt and nickel difluorides and their standard sublimation enthalpies. <i>Journal of Alloys and Compounds</i> , 1996 , 236, 63-69	5.7	7
16	Tripodal tris-disulfides as capping agents for a controlled mixed functionalization of gold nanoparticles. <i>New Journal of Chemistry</i> , 2018 , 42, 16436-16440	3.6	7
15	A Study on the Sublimation of Gallium Tribromide. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 2273-2276	2.8	6
14	Torsion Measurement of Orpiment Vapor Pressure. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1343-1346	2.8	6
13	Vapour pressures and sublimation enthalpy of solid indium(III) iodide. <i>Journal of Chemical Thermodynamics</i> , 1997 , 29, 239-246	2.9	5
12	Vapor Pressures and Sublimation Enthalpies of Mercury(I, II) Fluorides by the Torsion-Effusion Method. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 2493-2495	2.8	5
11	Thermodynamic study on six tricyclic nitrogen heterocyclic compounds by thermal analysis and effusion techniques. <i>Thermochimica Acta</i> , 2016 , 636, 71-84	2.9	4
10	Vapor Pressures of Aluminum Tribromide and Aluminum Triiodide and Their Standard Sublimation Enthalpies. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2164-2168	2.8	4
9	Thermodynamic Study of Sublimation of PbF ₂ and PbF ₄ from Torsion-Effusion Vapor Pressure Measurements. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 3731-3735	2.8	4
8	Vapour pressures and sublimation enthalpies of cobalt and nickel dibromides. <i>Journal of Alloys and Compounds</i> , 1997 , 247, 202-205	5.7	4
7	Vapor Pressures and Sublimation Enthalpies of Copper Difluoride and Silver(I, II) Fluorides by the Torsion-Effusion Method. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 687-693	2.8	4
6	Vapor Pressures and Sublimation Enthalpies of Cadmium Difluoride and Zinc Difluoride by the Torsion-Effusion Method. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 2101-2105	2.8	3
5	Thermodynamic and Kinetic Aspects of Formamidinium Lead Iodide Thermal Decomposition. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 21851-21861	3.8	3
4	Vapor Pressure of Zirconium Tetrafluoride. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 1970-1973	2.8	2
3	Vaporization Study of SmI ₃ and SmI ₂ . <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1646-1650	2.8	2
2	Absolute Total Vapor Pressure of Gallium Dichloride. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2455-2457	2.8	1
1	Double and Triple Ionisation of Isocyanic Acid. <i>Scientific Reports</i> , 2020 , 10, 2288	4.9	1

