Bruno Brunetti

List of Publications by Year in Descending Order

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	Synthesis, thermal behavior and kinetic study of N-morpholinium dicationic ionic liquids by thermogravimetry. *Journal of Molecular Liquids*, **2021**, 332, 115662	6	8
52	Evaporation thermodynamics of the tetraoctylphosphonium bis(trifluoromethansulfonyl)imide([P8888]NTf2) and tetraoctylphosphonium nonafluorobutane-1-sulfonate ([P8888]NFBS) ionic liquids. *Journal of Molecular Liquids*, **2021**, 333, 115892	6	9
51	Thermodynamic and Kinetic Aspects of Formamidinium Lead Iodide Thermal Decomposition. *Journal of Physical Chemistry C*, **2021**, 125, 21851-21861	3.8	3
50	Double and Triple Ionisation of Isocyanic Acid. *Scientific Reports*, **2020**, 10, 2288	4.9	1
49	Stabilizing lead halide perovskites with quaternary ammonium cations: the case of tetramethylammonium lead iodide. *Physical Chemistry Chemical Physics*, **2019**, 21, 24768-24777	3.6	8
48	Tripodal tris-disulfides as capping agents for a controlled mixed functionalization of gold nanoparticles. *New Journal of Chemistry*, **2018**, 42, 16436-16440	3.6	7
47	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. *Journal of Physical Chemistry B*, **2017**, 121, 10382-10393	3.4	13
46	On the Thermal and Thermodynamic (In)Stability of Methylammonium Lead Halide Perovskites. *Scientific Reports*, **2016**, 6, 31896	4.9	161
45	Thermodynamic study on six tricyclic nitrogen heterocyclic compounds by thermal analysis and effusion techniques. *Thermochimica Acta*, **2016**, 636, 71-84	2.9	4
44	Sublimation Enthalpies of 5-Haloderivatives of 1,3-Dimethyluracil. *Journal of Chemical & Engineering Data*, **2015**, 60, 74-81	2.8	8
43	Hydrogen production by water splitting on manganese ferrite-sodium carbonate mixture: Feasibility tests in a packed bed solar reactor-receiver. *International Journal of Hydrogen Energy*, **2014**, 39, 20920-20929	6.7	19
42	Vaporization of the prototypical ionic liquid BMImNTf under equilibrium conditions: a multitechnique study. *Physical Chemistry Chemical Physics*, **2014**, 16, 15653-61	3.6	24
41	Vapor pressures, standard molar enthalpies, entropies Gibbs energies of sublimation and heat capacities of 2,5- and 3,5-dibromobenzoic acids. *Fluid Phase Equilibria*, **2013**, 338, 148-154	2.5	12
40	Thermal characterization of a cavity receiver for hydrogen production by thermochemical cycles operating at moderate temperatures. *Solar Energy*, **2013**, 92, 256-268	6.8	9
39	Vapor Pressure of Zirconium Tetrafluoride. *Journal of Chemical & Engineering Data*, **2011**, 56, 1970-1973	2.8	2
38	Thermochemical study of 2,4-, 2,6- and 3,4-dihydroxybenzoic acids in the liquid phase using a TG apparatus. *Thermochimica Acta*, **2011**, 515, 84-90	2.9	20
37	Vapor Pressures of Gallium Trifluoride, Trichloride, and Triiodide and Their Standard Sublimation Enthalpies. *Journal of Chemical & Engineering Data*, **2010**, 55, 98-102	2.8	19

36	Vapor Pressures of Aluminum Tribromide and Aluminum Triiodide and Their Standard Sublimation Enthalpies. *Journal of Chemical & Engineering Data*, **2010**, 55, 2164-2168	2.8	4
35	Thermodynamic Study of Sublimation of PbF2 and PbF4 from Torsion-Effusion Vapor Pressure Measurements. *Journal of Chemical & Engineering Data*, **2010**, 55, 3731-3735	2.8	4
34	Absolute Total Vapor Pressure of Gallium Dichloride. *Journal of Chemical & Engineering Data*, **2010**, 55, 2455-2457	2.8	1
33	Torsion Vapor Pressures and Sublimation Enthalpies of Aluminum Trifluoride and Aluminum Trichloride. *Journal of Chemical & Engineering Data*, **2009**, 54, 940-944	2.8	16
32	Vapor pressures and standard molar enthalpies, entropies, and Gibbs free energies of sublimation of 2,4- and 3,4-dinitrobenzoic acids. *Journal of Chemical Thermodynamics*, **2009**, 41, 880-887	2.9	17
31	Study of I□2 Poisoning of Fe2O3-Based Catalysts for the H2SO4 Decomposition in the Sulfur□odine Cycle for Hydrogen Production. *Industrial & Engineering Chemistry Research*, **2009**, 48, 625-631	3.9	7
30	A Study on the Sublimation of Gallium Tribromide. *Journal of Chemical & Engineering Data*, **2009**, 54, 2273-2276	2.8	6
29	Vapor Pressures and Sublimation Enthalpies of Mercury(I, II) Fluorides by the Torsion-Effusion Method. *Journal of Chemical & Engineering Data*, **2008**, 53, 2493-2495	2.8	5
28	Vapor Pressures and Sublimation Enthalpies of Cadmium Difluoride and Zinc Difluoride by the Torsion-Effusion Method. *Journal of Chemical & Engineering Data*, **2008**, 53, 2101-2105	2.8	3
27	Vapor Pressures and Sublimation Enthalpies of Copper Difluoride and Silver(I, II) Fluorides by the Torsion□ffusion Method. *Journal of Chemical & Engineering Data*, **2008**, 53, 687-693	2.8	4
26	Torsion Vapor Pressures and Sublimation Enthalpies of Arsenic Triselenide and Tritelluride. *Journal of Chemical & Engineering Data*, **2007**, 52, 24-29	2.8	21
25	Decomposition of H2SO4 by Direct Solar Radiation. *Industrial & Engineering Chemistry Research* , **2007**, 46, 6393-6400	3.9	29
24	Vapor Pressures and Standard Molar Sublimation Enthalpies of Three 6-Methylthio-2,4-di(alkylamino)-1,3,5-triazine Derivatives: Simetryn, Ametryn, and Terbutryn. *Journal of Chemical & Engineering Data*, **2007**, 52, 1585-1594	2.8	12
23	Torsion Measurement of Orpiment Vapor Pressure. *Journal of Chemical & Engineering Data*, **2007**, 52, 1343-1346	2.8	6
22	Odd□even effect in melting properties of 12 alkane-□□diamides. *Journal of Chemical Thermodynamics*, **2006**, 38, 1546-1552	2.9	44
21	Vaporization Study of SmI3 and SmI2. *Journal of Chemical & Engineering Data*, **2005**, 50, 1646-1650	2.8	2
20	Vaporization Study of YbCl3, YbBr3, YbI2, LuCl3, LuBr3, and LuI3 and a New Assessment of Sublimation Enthalpies of Rare Earth Trichlorides. *Journal of Chemical & Engineering Data*, **2005**, 50, 1801-1813	2.8	18
19	Standard Sublimation Enthalpies of Some Dichlorophenoxy Acids and Their Methyl Esters. *Journal of Chemical & Engineering Data*, **2005**, 50, 666-672	2.8	14

18	Dissociation pressure and standard dissociation enthalpy of RuO2. *Materials Chemistry and Physics*, **2004**, 83, 145-149	4.4	7
17	Vapor Pressures and Standard Sublimation Enthalpies for Thulium Trichloride, Tribromide, and Triiodide. *Journal of Chemical & Engineering Data*, **2004**, 49, 832-837	2.8	10
16	Vaporization study of samarium trichloride, samarium tribromide and samarium diiodide. *Materials Chemistry and Physics*, **2003**, 78, 637-644	4.4	15
15	Standard Sublimation Enthalpies of Erbium Trichloride, Tribromide, and Triiodide. *Journal of Chemical & Engineering Data*, **2003**, 48, 946-950	2.8	11
14	Enthalpies and entropies of fusion and of sublimation at the temperature 298.15 K of thiourea and sevenN-alkylthioureas. *Journal of Chemical Thermodynamics*, **2000**, 32, 979-997	2.9	19
13	Vaporization Studies of Lanthanum Trichloride, Tribromide, and Triiodide. *Journal of Chemical & Engineering Data*, **2000**, 45, 231-236	2.8	26
12	Vapor Pressure and Enthalpies of Vaporization of Cerium Trichloride, Tribromide, and Triiodide. *Journal of Chemical & Engineering Data*, **2000**, 45, 823-828	2.8	26
11	Vapor Pressures and Sublimation Enthalpies of Praseodymium Trichloride, Tribromide, and Triiodide. *Journal of Chemical & Engineering Data*, **2000**, 45, 1167-1172	2.8	19
10	Enthalpies and Entropies of Sublimation of Some Primary Alkylamides. *Journal of Chemical & Engineering Data*, **2000**, 45, 237-241	2.8	8
9	Sublimation Enthalpies of Some Methyl Derivatives of Uracil from Vapor Pressure Measurements. *Journal of Chemical & Engineering Data*, **2000**, 45, 242-246	2.8	35
8	Vaporization Studies of Dysprosium Trichloride, Tribromide, and Triiodide. *Journal of Chemical & Engineering Data*, **1999**, 44, 509-515	2.8	22
7	A Sublimation Study of Lindane. *Journal of Chemical & Engineering Data*, **1998**, 43, 447-450	2.8	7
6	A Torsion Study on the Sublimation Process of InCl3. *Journal of Chemical & Engineering Data*, **1998**, 43, 101-104	2.8	14
5	Some Thermodynamic Properties of C76 and C84. *Journal of Physical Chemistry B*, **1997**, 101, 10715-10718	3.4	17
4	Vapour pressures and sublimation enthalpies of cobalt and nickel dibromides. *Journal of Alloys and Compounds*, **1997**, 247, 202-205	5.7	4
3	Vapour pressures and sublimation enthalpy of solid indium(III) iodide. *Journal of Chemical Thermodynamics*, **1997**, 29, 239-246	2.9	5
2	Torsion and Knudsen measurements of cobalt and nickel difluorides and their standard sublimation enthalpies. *Journal of Alloys and Compounds*, **1996**, 236, 63-69	5.7	7
1	Vapor Pressure and Standard Enthalpies of Sublimation of Iron Difluoride, Iron Dichloride, and Iron Dibromide. *Journal of Chemical & Engineering Data*, **1996**, 41, 14-20	2.8	9