Gavin R Hedwig

List of Publications by Year
in descending order

29	papers
584	citations
15	h-index
24	g-index
29	all docs
29	docs citations
29	times ranked
189	citing authors

567281

610901

#	Article	IF	Citations
1	Volumetric Properties of the Nucleosides Adenosine, Cytidine, and Uridine in Aqueous Solution at T≈(288.15 and 313.15) K and p≈(10 to 100) MPa. Journal of Solution Chemistry, 2019, 48, 180-199.	1.2	3
2	The Partial Molar Isothermal Compressions of the Nucleosides Adenosine, Cytidine, and Uridine in Aqueous Solution at T=(288.15 and 313.15) K. Journal of Solution Chemistry, 2017, 46, 849-861.	1.2	3
3	Thermodynamic properties of peptide solutions 20. Partial molar volumes and isothermal compressions for some tripeptides of sequence gly-X-gly (X = gly, ala, leu, asn, thr, and tyr) in aqueous solution at T = 298.15 K and p = (10–120) MPa. Journal of Chemical Thermodynamics, 2016, 99, 30-39.	2.0	10
4	Volumetric Properties at High Pressures of the Nucleosides Inosine, 2′-Deoxyinosine, and 2′-Deoxyguanosine and the Volumetric Properties of Guanosine Derived Using Group Additivity Methods. Journal of Chemical & Engineering Data, 2014, 59, 3593-3604.	1.9	3
5	Volumetric Properties of the Nucleoside Thymidine in Aqueous Solution at T=298.15 K and p=(10 to 100) MPa. Journal of Solution Chemistry, 2014, 43, 804-820.	1.2	3
6	Volumetric properties of the nucleosides adenosine, cytidine, and uridine in aqueous solution at T=298.15K and p=(10 to 120)MPa. Journal of Chemical Thermodynamics, 2013, 61, 117-125.	2.0	17
7	Volumetric interaction coefficients for some nucleosides in aqueous solution at T=298.15K. Journal of Chemical Thermodynamics, 2013, 59, 188-194.	2.0	11
8	Partial Molar Isentropic Compressions of Some Tetra- and Pentapeptides in Aqueous Solution: Implications for Group Additivity Schemes for Unfolded Proteins. Journal of Solution Chemistry, 2012, 41, 690-701.	1.2	3
9	Partial Molar Isentropic and Isothermal Compressions of the Nucleosides Adenosine, Cytidine, and Uridine in Aqueous Solution at 298.15 K. Journal of Chemical & Engineering Data, 2011, 56, 2266-2272.	1.9	16
10	The Partial Molar Volumes and Heat Capacities of the Arginyl Side-chain of Proteins in Aqueous Solution over the Temperature Range 288.15 to 328.15 K. Journal of Solution Chemistry, 2010, 39, 1721-1734.	1.2	1
11	The Partial Molar Heat Capacities and Expansions of Inosine, 2′-Deoxyinosine and 2′-Deoxyguanosine in Aqueous Solution at 298.15 K. Journal of Solution Chemistry, 2009, 38, 1315-1331.	1.2	6
12	Volumetric Properties of Tripeptides with Polar Side-Chains: Partial Molar Volumes at (288.15 to 313.15) K and Partial Molar Expansions at 298.15 K of Some Peptides of Sequence Gly-X-Gly in Aqueous Solution. Journal of Chemical & Engineering Data, 2009, 54, 606-612.	1.9	11
13	The partial molar volumes at T=(288.15 to 313.15)K, and the partial molar heat capacities and expansions at T=298.15K of cytidine, uridine, and adenosine in aqueous solution. Journal of Chemical Thermodynamics, 2008, 40, 957-965.	2.0	20
14	Volumetric properties of the glycyl group of proteins in aqueous solution at high pressures. Physical Chemistry Chemical Physics, 2008, 10, 884-897.	2.8	19
15	Isentropic and isothermal compressibilities of the backbone glycyl group of proteins in aqueous solution. Biophysical Chemistry, 2006, 124, 35-42.	2.8	17
16	The Partial Molar Volume and Heat Capacity of the Glycyl Group in Aqueous Solution at 25°C. Journal of Solution Chemistry, 2006, 35, 939-949.	1.2	4
17	Thermodynamic Properties of Peptide Solutions. Part 17. Partial Molar Volumes and Heat Capacities of the Tripeptides GlyAspGly and GlyGluGly, and Their Salts K[GlyAspGly] and Na[GlyGluGly] in Aqueous Solution at 25 °C. Journal of Solution Chemistry, 2005, 34, 801-821.	1.2	16
18	Thermodynamic Properties of Peptide Solutions. Part 18. Partial Molar Isentropic Compressibilities of Gly-X-Gly Tripeptides (X = Tyr, Pro, Gln, Asp and Glu), and the Peptide Salts K[GlyAspGly], Na[GlyGluGly] and GlyLysGly Acetate in Aqueous Solution at 25 °C. Journal of Solution Chemistry, 2005, 34, 1297-1310.	1.2	9

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19	Partial molar isentropic and isothermal compressibilities of some N-acetyl amino acid amides in aqueous solution at 298.15 K. Physical Chemistry Chemical Physics, 2004, 6, 2440-2445.	2.8	18
20	Partial molar volumes and heat capacities of single ions in aqueous solution over the temperature range 288.15 to 328.15 KElectronic supplementary information (ESI) available: Densities, apparent molar volumes and apparent molar heat capacities of aqueous solutions of NaBPh4, Ph4PBr, Ph4PCl and NaBr. See http://www.rsc.org/suppdata/cp/b4/b407875f/. Physical Chemistry Chemical Physics, 2004, 6, 4690.	2.8	19
21	Group additivity schemes for the calculation of the partial molar heat capacities and volumes of unfolded proteins in aqueous solution. Biophysical Chemistry, 2002, 100, 239-260.	2.8	46
22	Title is missing!. Journal of Solution Chemistry, 2001, 30, 861-883.	1.2	16
23	The partial molar heat capacities and volumes of some N-acetyl amino acid amides in aqueous solution over the temperature range 288.15 to 328.15 K. Physical Chemistry Chemical Physics, 2000, 2, 1795-1802.	2.8	37
24	Thermodynamic Properties of Peptide Solutions. 16. Partial Molar Heat Capacities and Volumes of Some Tripeptides of Sequence Gly-X-Gly in Aqueous Solution at 25 Â°C. Journal of Chemical & Engineering Data, 1998, 43, 477-481.	1.9	24
25	Thermodynamic properties of peptide solutions: 14. Partial molar expansibilities and isothermal compressibilities of some glycyl dipeptides in aqueous solution. Journal of Solution Chemistry, 1996, 25, 615-633.	1.2	39
26	Thermodynamic properties of peptide solutions. Part 15. Partial molar isentropic compressibilities of some glycyl dipeptides in aqueous solution at 15 and 35ï¿½C. Journal of Solution Chemistry, 1996, 25, 1041-1053.	1.2	13
27	Thermodynamic properties of peptide solutions: 7. Partial molar isentropic pressure coefficients of some dipeptides in aqueous solution. Journal of Solution Chemistry, 1991, 20, 1113-1127.	1.2	46
28	Thermodynamic properties of peptide solutions 3. Partial molar volumes and partial molar heat capacities of some tripeptides in aqueous solution. Journal of Solution Chemistry, 1988, 17, 383-397.	1.2	122
29	Relative partial molar enthalpies and apparent molar volumes of dipeptides in aqueous solution. Journal of Solution Chemistry, 1981, 10, 321-331.	1.2	32