Grazyna Wilczek-Vera

List of Publications by Year
in descending order

27 papers	652 citations	567281 15 h-index	552781 26 g-index
29 all docs	29 docs citations	29 times ranked	287 citing authors

#	Article	IF	Citations
1	On the activity of ions and the junction potential: Revised values for all data. AICHE Journal, 2004, 50, 445-462.	3.6	82
2	Individual Block Length Distributions of Block Copolymers of Polystyrene-block-Poly(Î±-methylstyrene) by MALDI/TOF Mass Spectrometry. Macromolecules, 1996, 29, 4036-4044.	4.8	81
3	Towards accurate values of individual ion activities. Fluid Phase Equilibria, 2006, 241, 59-69.	2.5	49
4	On the measurement of individual ion activities. Fluid Phase Equilibria, 2005, 236, 96-110.	2.5	46
5	Detailed structural analysis of diblock copolymers by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 1999, 13, 764-777.	1.5	44
6	Activities of Individual Ions From Infinite Dilution to Saturated Solutions. Journal of Solution Chemistry, 1999, 28, 885-913.	1.2	39
7	Analysis of Diblock Copolymers of Poly(Î±-methylstyrene)-block-polystyrene by Mass Spectrometry. Macromolecules, 1999, 32, 2180-2187.	4.8	32
8	How much do we know about the activity of individual ions?. Journal of Chemical Thermodynamics, 2016, 99, 65-69.	2.0	30
9	A complete discussion of the rationale supporting the experimental determination of individual ionic activities. Fluid Phase Equilibria, 2006, 244, 33-45.	2.5	29
10	Understanding cubic equations of state: A search for the hidden clues of their success. AICHE Journal, 2015, 61, 2824-2831.	3.6	29
11	Determination of the activity of H+ ions within and beyond the pH meter range. AICHE Journal, 2001, 47, 2807-2818.	3.6	21
12	Activities of aqueous <mml:math altimg="si100.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.else. Chemical	3.8	20
13	On the Predictive Ability of the New Thermodynamics of Electrolyte Solutions. Industrial & Engineering Chemistry Research, 2009, 48, 6436-6440.	3.7	17
14	Measurement of Ion Activity Coefficients in Aqueous Solutions of Mixed Electrolyte with a Common Ion: NaNO₃ + KNO₃, NaCl + KCl, and NaBr + NaCl. Journal of Chemical & Engineering Data, 2009, 54, 345-350.	1.9	15
15	The activity of individual ions. A conceptual discussion of the relation between the theory and the experimentally measured values. Fluid Phase Equilibria, 2011, 312, 79-84.	2.5	15
16	Short answer to the reply from D.P. Zarubin to our comment on â€œThe nature of single-ion activity coefficients calculated from potentiometric measurements on cell with liquid-junctionâ€• Journal of Chemical Thermodynamics, 2012, 47, 449-450.	2.0	15
17	Effect of the reference solution in the measurement of ion activity coefficients using cells with transference at T=298.15K. Journal of Chemical Thermodynamics, 2010, 42, 244-250.	2.0	14
18	Comment on â€œThe nature of single-ion activity coefficients calculated from potentiometric measurements on cells with liquid junctionsâ€•by Dmitri P. Zarubin, J. Chem. Thermodyn. 43 (2011) 1135â€“1152. Journal of Chemical Thermodynamics, 2012, 47, 442-444.	2.0	14

#	Article	IF	Citations
19	Answer to â€œComment on individual ion activities of Na+ and Clâ˜ by Arce, Wilczek-Vera and Veraâ€•by F. Malatesta. Chemical Engineering Science, 2010, 65, 2263-2264.	3.8	12
20	Peculiarities of the Thermodynamics of Electrolyte Solutions: A Critical Discussion. Canadian Journal of Chemical Engineering, 2003, 81, 70-79.	1.7	10
21	Teaching Data Acquisition. An Undergraduate Experiment in the Advanced Analytical Chemistry Laboratory. Journal of Chemical Education, 2005, 82, 425.	2.3	9
22	Understanding Fluorescence Measurements through a Guided-Inquiry and Discovery Experiment in Advanced Analytical Laboratory. Journal of Chemical Education, 2011, 88, 216-219.	2.3	9
23	On the measurement of the real values of individual ionic activities: A chemical engineering perspective. Chemical Engineering Science, 2011, 66, 3782-3791.	3.8	9
24	Reply to Comments by F. Malatesta onJ. Chem. Eng. Data2009,54, 345â˜350. Journal of Chemical & Engineering Data, 2009, 54, 2979-2979.	1.9	5
25	Excited-State Processes in Slow Motion: An Experiment in the Undergraduate Laboratory. Journal of Chemical Education, 2010, 87, 1252-1256.	2.3	2
26	General Aspects of Ionic Activities in Aqueous Solutions. , 2018, , .		0
27	Reply: Answer to comments on â€œUnderstanding cubic equations of state: A search for the hidden clues of their successâ€•by Ehsan Heidaryan. AICHE Journal, 2019, 65, 462-463.	3.6	0