

Grazyna Wilczek-Vera

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

652
citations

567281

15
h-index

552781

26
g-index

29
all docs

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docs citations

29
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	Reply: Answer to comments on "Understanding cubic equations of state: A search for the hidden clues of their success" by Ehsan Heidaryan. <i>AIChE Journal</i> , 2019, 65, 462-463.	3.6	0
2	General Aspects of Ionic Activities in Aqueous Solutions. , 2018, , .		0
3	How much do we know about the activity of individual ions?. <i>Journal of Chemical Thermodynamics</i> , 2016, 99, 65-69.	2.0	30
4	Understanding cubic equations of state: A search for the hidden clues of their success. <i>AIChE Journal</i> , 2015, 61, 2824-2831.	3.6	29
5	Short answer to the reply from D.P. Zarubin to our comment on "The nature of single-ion activity coefficients calculated from potentiometric measurements on cell with liquid-junction" <i>Journal of Chemical Thermodynamics</i> , 2012, 47, 449-450.	2.0	15
6	Comment on "The nature of single-ion activity coefficients calculated from potentiometric measurements on cells with liquid junctions" by Dmitri P. Zarubin, <i>J. Chem. Thermodyn.</i> 43 (2011) 1135-1152. <i>Journal of Chemical Thermodynamics</i> , 2012, 47, 442-444.	2.0	14
7	Understanding Fluorescence Measurements through a Guided-Inquiry and Discovery Experiment in Advanced Analytical Laboratory. <i>Journal of Chemical Education</i> , 2011, 88, 216-219.	2.3	9
8	The activity of individual ions. A conceptual discussion of the relation between the theory and the experimentally measured values. <i>Fluid Phase Equilibria</i> , 2011, 312, 79-84.	2.5	15
9	On the measurement of the real values of individual ionic activities: A chemical engineering perspective. <i>Chemical Engineering Science</i> , 2011, 66, 3782-3791.	3.8	9
10	Effect of the reference solution in the measurement of ion activity coefficients using cells with transference at T=298.15K. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 244-250.	2.0	14
11	Answer to "Comment on individual ion activities of Na ⁺ and Cl ⁻ " by Arce, Wilczek-Vera and Vera" by F. Malatesta. <i>Chemical Engineering Science</i> , 2010, 65, 2263-2264.	3.8	12
12	Excited-State Processes in Slow Motion: An Experiment in the Undergraduate Laboratory. <i>Journal of Chemical Education</i> , 2010, 87, 1252-1256.	2.3	2
13	On the Predictive Ability of the New Thermodynamics of Electrolyte Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 6436-6440.	3.7	17
14	Reply to Comments by F. Malatesta on <i>J. Chem. Eng. Data</i> 2009, 54, 345-350. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 2979-2979.	1.9	5
15	Measurement of Ion Activity Coefficients in Aqueous Solutions of Mixed Electrolyte with a Common Ion: NaNO ₃ + KNO ₃ , NaCl + KCl, and NaBr + NaCl. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 345-350.	1.9	15
16	Activities of aqueous Na^+ and Cl^- ions. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 2979-2979.	3.8	20
17	Towards accurate values of individual ion activities. <i>Fluid Phase Equilibria</i> , 2006, 241, 59-69.	2.5	49
18	A complete discussion of the rationale supporting the experimental determination of individual ionic activities. <i>Fluid Phase Equilibria</i> , 2006, 244, 33-45.	2.5	29

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19	On the measurement of individual ion activities. <i>Fluid Phase Equilibria</i> , 2005, 236, 96-110.	2.5	46
20	Teaching Data Acquisition. An Undergraduate Experiment in the Advanced Analytical Chemistry Laboratory. <i>Journal of Chemical Education</i> , 2005, 82, 425.	2.3	9
21	On the activity of ions and the junction potential: Revised values for all data. <i>AICHE Journal</i> , 2004, 50, 445-462.	3.6	82
22	Peculiarities of the Thermodynamics of Electrolyte Solutions: A Critical Discussion. <i>Canadian Journal of Chemical Engineering</i> , 2003, 81, 70-79.	1.7	10
23	Determination of the activity of H ⁺ ions within and beyond the pH meter range. <i>AICHE Journal</i> , 2001, 47, 2807-2818.	3.6	21
24	Activities of Individual Ions From Infinite Dilution to Saturated Solutions. <i>Journal of Solution Chemistry</i> , 1999, 28, 885-913.	1.2	39
25	Detailed structural analysis of diblock copolymers by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1999, 13, 764-777.	1.5	44
26	Analysis of Diblock Copolymers of Poly($\hat{I}\pm$ -methylstyrene)-block-polystyrene by Mass Spectrometry. <i>Macromolecules</i> , 1999, 32, 2180-2187.	4.8	32
27	Individual Block Length Distributions of Block Copolymers of Polystyrene-block-Poly($\hat{I}\pm$ -methylstyrene) by MALDI/TOF Mass Spectrometry. <i>Macromolecules</i> , 1996, 29, 4036-4044.	4.8	81