Luisa A Ferreira

List of Publications by Year
in descending order

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34	731	430874	552781
papers	citations	18	26
		h-index	g-index

34	34	34	620
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Salt Effect on the Aqueous Two-Phase System PEG 8000â^'Sodium Sulfate. Journal of Chemical & Engineering Data, 2011, 56, 133-137.	1.9	59
2	Role of solvent properties of aqueous media in macromolecular crowding effects. Journal of Biomolecular Structure and Dynamics, 2016, 34, 92-103.	3.5	56
3	Role of solvent properties of water in crowding effects induced by macromolecular agents and osmolytes. Molecular BioSystems, 2017, 13, 2551-2563.	2.9	45
4	The solvent side of proteinaceous membrane-less organelles in light of aqueous two-phase systems. International Journal of Biological Macromolecules, 2018, 117, 1224-1251.	7.5	45
5	Analysis of partitioning of organic compounds and proteins in aqueous polyethylene glycol-sodium sulfate aqueous two-phase systems in terms of soluteâ€"solvent interactions. Journal of Chromatography A, 2015, 1415, 1-10.	3.7	37
6	Effect of salt additives on partition of nonionic solutes in aqueous PEGâ€"sodium sulfate two-phase system. Journal of Chromatography A, 2011, 1218, 5031-5039.	3.7	36
7	Effect of salt additives on protein partition in polyethylene glycolâ€"sodium sulfate aqueous two-phase systems. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 2859-2866.	2.3	34
8	Effect of NaCl additive on properties of aqueous PEGâ€"sodium sulfate two-phase system. Journal of Chromatography A, 2012, 1220, 14-20.	3.7	28
9	Effects of osmolytes on solvent features of water in aqueous solutions. Journal of Biomolecular Structure and Dynamics, 2017, 35, 1055-1068.	3.5	27
10	Origin of salt additive effect on solute partitioning in aqueous polyethylene glycol-8000â€"sodium sulfate two-phase system. Journal of Chromatography A, 2014, 1337, 3-8.	3.7	26
11	Analyzing the effects of protecting osmolytes on soluteâ€"water interactions by solvatochromic comparison method: I. Small organic compounds. RSC Advances, 2015, 5, 59812-59822.	3.6	26
12	Effects of the Hofmeister series of sodium salts on the solvent properties of water. Physical Chemistry Chemical Physics, 2017, 19, 5254-5261.	2.8	26
13	Effect of an Intrinsically Disordered Plant Stress Protein on the Properties of Water. Biophysical Journal, 2018, 115, 1696-1706.	0.5	23
14	Interfacial tension and mechanism of liquidâ€"liquid phase separation in aqueous media. Physical Chemistry Chemical Physics, 2020, 22, 4574-4580.	2.8	23
15	Analyzing the effects of protecting osmolytes on soluteâ€"water interactions by solvatochromic comparison method: II. Globular proteins. RSC Advances, 2015, 5, 59780-59791.	3.6	22
16	Effects of osmolytes on protein-solvent interactions in crowded environment: Analyzing the effect of TMAO on proteins in crowded solutions. Archives of Biochemistry and Biophysics, 2015, 570, 66-74.	3.0	19
17	Responses of proteins to different ionic environment are linearly interrelated. Journal of Chromatography A, 2015, 1387, 32-41.	3.7	18
18	Why physicochemical properties of aqueous solutions of various compounds are linearly interrelated. Journal of Molecular Liquids, 2016, 221, 116-123.	4.9	18

#	Article	IF	Citations
19	Driving Forces of Liquidâ€“Liquid Phase Separation in Biological Systems. Biomolecules, 2019, 9, 473.	4.0	18
20	Effects of osmolytes on proteinâ€“solvent interactions in crowded environments: study of sucrose and trehalose effects on different proteins by solvent interaction analysis. RSC Advances, 2015, 5, 27154-27162.	3.6	17
21	Phase equilibria, solvent properties, and protein partitioning in aqueous polyethylene glycol-600-trimethylamine N-oxide and polyethylene glycol-600-choline chloride two-phase systems. Journal of Chromatography A, 2018, 1535, 154-161.	3.7	17
22	Effect of human heat shock protein HspB6 on the solvent features of water in aqueous solutions. Journal of Biomolecular Structure and Dynamics, 2018, 36, 1520-1528.	3.5	15
23	Effects of sodium chloride and sodium perchlorate on properties and partition behavior of solutes in aqueous dextran-polyethylene glycol and polyethylene glycol-sodium sulfate two-phase systems. Journal of Chromatography A, 2019, 1583, 28-38.	3.7	15
24	Responses of polar organic compounds to different ionic environments in aqueous media are interrelated. Physical Chemistry Chemical Physics, 2014, 16, 23347-23354.	2.8	13
25	Effect of sodium chloride on soluteâ€“solvent interactions in aqueous polyethylene glycolâ€“sodium sulfate two-phase systems. Journal of Chromatography A, 2015, 1425, 51-61.	3.7	11
26	Effect of ionic composition on the partitioning of organic compounds in octanolâ€“buffer systems. RSC Advances, 2015, 5, 20574-20582.	3.6	10
27	Effects of amino acids on solvent properties of water. Journal of Molecular Liquids, 2019, 277, 123-131.	4.9	9
28	Interrelationship between partition behavior of organic compounds and proteins in aqueous dextran-polyethylene glycol and polyethylene glycol-sodium sulfate two-phase systems. Journal of Chromatography A, 2016, 1443, 21-25.	3.7	8
29	Effects of different solutes on the physical chemical properties of aqueous solutions via rearrangement of hydrogen bonds in water. Journal of Molecular Liquids, 2021, 335, 116288.	4.9	8
30	Modified binodal model describes phase separation in aqueous two-phase systems in terms of the effects of phase-forming components on the solvent features of water. Journal of Chromatography A, 2018, 1567, 226-232.	3.7	6
31	Analysis of the distribution of organic compounds and drugs between biological tissues in the framework of solute partitioning in aqueous two-phase systems. Molecular BioSystems, 2016, 12, 3567-3575.	2.9	5
32	How to manipulate partition behavior of proteins in aqueous two-phase systems: Effect of trimethylamine N-oxide (TMAO). Fluid Phase Equilibria, 2017, 449, 217-224.	2.5	5
33	Hydrogen Bond Arrangement Is Shown to Differ in Coexisting Phases of Aqueous Two-Phase Systems. Biomolecules, 2021, 11, 1787.	4.0	4
34	Linear Relationships between Partition Coefficients of Different Organic Compounds and Proteins in Aqueous Two-Phase Systems of Various Polymer and Ionic Compositions. Polymers, 2020, 12, 1452.	4.5	2