

Luisa A Ferreira

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6063995/publications.pdf>

Version: 2024-02-01

34
papers

731
citations

430874

18
h-index

552781

26
g-index

34
all docs

34
docs citations

34
times ranked

620
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of different solutes on the physical chemical properties of aqueous solutions via rearrangement of hydrogen bonds in water. <i>Journal of Molecular Liquids</i> , 2021, 335, 116288. | 4.9 | 8 |
| 2 | Hydrogen Bond Arrangement Is Shown to Differ in Coexisting Phases of Aqueous Two-Phase Systems. <i>Biomolecules</i> , 2021, 11, 1787. | 4.0 | 4 |
| 3 | Linear Relationships between Partition Coefficients of Different Organic Compounds and Proteins in Aqueous Two-Phase Systems of Various Polymer and Ionic Compositions. <i>Polymers</i> , 2020, 12, 1452. | 4.5 | 2 |
| 4 | Interfacial tension and mechanism of liquid-liquid phase separation in aqueous media. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4574-4580. | 2.8 | 23 |
| 5 | Driving Forces of Liquid-Liquid Phase Separation in Biological Systems. <i>Biomolecules</i> , 2019, 9, 473. | 4.0 | 18 |
| 6 | Effects of amino acids on solvent properties of water. <i>Journal of Molecular Liquids</i> , 2019, 277, 123-131. | 4.9 | 9 |
| 7 | 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. <i>Journal of Chromatography A</i> , 2019, 1583, 28-38. | 3.7 | 15 |
| 8 | Phase equilibria, solvent properties, and protein partitioning in aqueous polyethylene glycol-600-trimethylamine N-oxide and polyethylene glycol-600-choline chloride two-phase systems. <i>Journal of Chromatography A</i> , 2018, 1535, 154-161. | 3.7 | 17 |
| 9 | Effect of human heat shock protein HspB6 on the solvent features of water in aqueous solutions. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1520-1528. | 3.5 | 15 |
| 10 | Effect of an Intrinsically Disordered Plant Stress Protein on the Properties of Water. <i>Biophysical Journal</i> , 2018, 115, 1696-1706. | 0.5 | 23 |
| 11 | 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. <i>Journal of Chromatography A</i> , 2018, 1567, 226-232. | 3.7 | 6 |
| 12 | The solvent side of proteinaceous membrane-less organelles in light of aqueous two-phase systems. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 1224-1251. | 7.5 | 45 |
| 13 | Effects of osmolytes on solvent features of water in aqueous solutions. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1055-1068. | 3.5 | 27 |
| 14 | Effects of the Hofmeister series of sodium salts on the solvent properties of water. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 5254-5261. | 2.8 | 26 |
| 15 | Role of solvent properties of water in crowding effects induced by macromolecular agents and osmolytes. <i>Molecular BioSystems</i> , 2017, 13, 2551-2563. | 2.9 | 45 |
| 16 | How to manipulate partition behavior of proteins in aqueous two-phase systems: Effect of trimethylamine N-oxide (TMAO). <i>Fluid Phase Equilibria</i> , 2017, 449, 217-224. | 2.5 | 5 |
| 17 | Why physicochemical properties of aqueous solutions of various compounds are linearly interrelated. <i>Journal of Molecular Liquids</i> , 2016, 221, 116-123. | 4.9 | 18 |
| 18 | Analysis of the distribution of organic compounds and drugs between biological tissues in the framework of solute partitioning in aqueous two-phase systems. <i>Molecular BioSystems</i> , 2016, 12, 3567-3575. | 2.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Role of solvent properties of aqueous media in macromolecular crowding effects. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 92-103. | 3.5 | 56 |
| 20 | Interrelationship between partition behavior of organic compounds and proteins in aqueous dextran-polyethylene glycol and polyethylene glycol-sodium sulfate two-phase systems. <i>Journal of Chromatography A</i> , 2016, 1443, 21-25. | 3.7 | 8 |
| 21 | Effect of sodium chloride on solute-solvent interactions in aqueous polyethylene glycol-sodium sulfate two-phase systems. <i>Journal of Chromatography A</i> , 2015, 1425, 51-61. | 3.7 | 11 |
| 22 | Effect of ionic composition on the partitioning of organic compounds in octanol-buffer systems. <i>RSC Advances</i> , 2015, 5, 20574-20582. | 3.6 | 10 |
| 23 | Effects of osmolytes on protein-solvent interactions in crowded environment: Analyzing the effect of TMAO on proteins in crowded solutions. <i>Archives of Biochemistry and Biophysics</i> , 2015, 570, 66-74. | 3.0 | 19 |
| 24 | Analyzing the effects of protecting osmolytes on solute-water interactions by solvatochromic comparison method: I. Small organic compounds. <i>RSC Advances</i> , 2015, 5, 59812-59822. | 3.6 | 26 |
| 25 | Analyzing the effects of protecting osmolytes on solute-water interactions by solvatochromic comparison method: II. Globular proteins. <i>RSC Advances</i> , 2015, 5, 59780-59791. | 3.6 | 22 |
| 26 | Responses of proteins to different ionic environment are linearly interrelated. <i>Journal of Chromatography A</i> , 2015, 1387, 32-41. | 3.7 | 18 |
| 27 | Effects of osmolytes on protein-solvent interactions in crowded environments: study of sucrose and trehalose effects on different proteins by solvent interaction analysis. <i>RSC Advances</i> , 2015, 5, 27154-27162. | 3.6 | 17 |
| 28 | Analysis of partitioning of organic compounds and proteins in aqueous polyethylene glycol-sodium sulfate aqueous two-phase systems in terms of solute-solvent interactions. <i>Journal of Chromatography A</i> , 2015, 1415, 1-10. | 3.7 | 37 |
| 29 | Origin of salt additive effect on solute partitioning in aqueous polyethylene glycol-8000-sodium sulfate two-phase system. <i>Journal of Chromatography A</i> , 2014, 1337, 3-8. | 3.7 | 26 |
| 30 | Responses of polar organic compounds to different ionic environments in aqueous media are interrelated. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23347-23354. | 2.8 | 13 |
| 31 | Effect of salt additives on protein partition in polyethylene glycol-sodium sulfate aqueous two-phase systems. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2859-2866. | 2.3 | 34 |
| 32 | Effect of NaCl additive on properties of aqueous PEG-sodium sulfate two-phase system. <i>Journal of Chromatography A</i> , 2012, 1220, 14-20. | 3.7 | 28 |
| 33 | Salt Effect on the Aqueous Two-Phase System PEG 8000-Sodium Sulfate. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 133-137. | 1.9 | 59 |
| 34 | Effect of salt additives on partition of nonionic solutes in aqueous PEG-sodium sulfate two-phase system. <i>Journal of Chromatography A</i> , 2011, 1218, 5031-5039. | 3.7 | 36 |