

Tania E Sintra

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,348
citations

331670

21
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

1702
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing ionic liquids: the chemical structure role in the toxicity. <i>Ecotoxicology</i> , 2013, 22, 1-12.	2.4	230
2	Simple screening method to identify toxic/non-toxic ionic liquids: Agar diffusion test adaptation. <i>Ecotoxicology and Environmental Safety</i> , 2012, 83, 55-62.	6.0	89
3	Assessing the activity coefficients of water in cholinium-based ionic liquids: Experimental measurements and COSMO-RS modeling. <i>Fluid Phase Equilibria</i> , 2014, 361, 16-22.	2.5	68
4	Enhanced dissolution of ibuprofen using ionic liquids as catanionic hydrotropes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2094-2103.	2.8	68
5	Anti-inflammatory and antioxidant nanostructured cellulose membranes loaded with phenolic-based ionic liquids for cutaneous application. <i>Carbohydrate Polymers</i> , 2019, 206, 187-197.	10.2	66
6	The effect of the cation alkyl chain branching on mutual solubilities with water and toxicities. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19952.	2.8	64
7	Superactivity induced by micellar systems as the key for boosting the yield of enzymatic reactions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 107, 140-151.	1.8	56
8	Enhancing the Antioxidant Characteristics of Phenolic Acids by Their Conversion into Cholinium Salts. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2558-2565.	6.7	54
9	Phase diagrams of ionic liquids-based aqueous biphasic systems as a platform for extraction processes. <i>Journal of Chemical Thermodynamics</i> , 2014, 77, 206-213.	2.0	53
10	Recovery of paracetamol from pharmaceutical wastes. <i>Separation and Purification Technology</i> , 2014, 122, 315-322.	7.9	47
11	Evaluating Self-buffering Ionic Liquids for Biotechnological Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 3420-3428.	6.7	46
12	Impact of Surface Active Ionic Liquids on the Cloud Points of Nonionic Surfactants and the Formation of Aqueous Micellar Two-Phase Systems. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8742-8755.	2.6	45
13	Unveiling the mechanism of hydrotropy: evidence for water-mediated aggregation of hydrotropes around the solute. <i>Chemical Communications</i> , 2020, 56, 7143-7146.	4.1	40
14	Ecotoxicological evaluation of magnetic ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 315-321.	6.0	39
15	Glycerol Ethers as Hydrotropes and Their Use to Enhance the Solubility of Phenolic Acids in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5742-5749.	6.7	35
16	Development of predictive QSAR models for <i>Vibrio fischeri</i> toxicity of ionic liquids and their true external and experimental validation tests. <i>Toxicology Research</i> , 2016, 5, 1388-1399.	2.1	33
17	Evaluating the toxicity of biomass derived platform chemicals. <i>Green Chemistry</i> , 2016, 18, 4733-4742.	9.0	32
18	Cholinium-based ionic liquids as bioinspired hydrotropes to tackle solubility challenges in drug formulation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 164, 86-92.	4.3	28

#	ARTICLE	IF	CITATIONS
19	Understanding the interactions of imidazolium-based ionic liquids with cell membrane models. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29764-29777.	2.8	27
20	Sequential recovery of C-phycoerythrin and chlorophylls from <i>Anabaena cylindrica</i> . <i>Separation and Purification Technology</i> , 2021, 255, 117538.	7.9	25
21	Synthesis and characterization of chiral ionic liquids based on quinine, l-proline and l-valine for enantiomeric recognition. <i>Journal of Molecular Liquids</i> , 2019, 283, 410-416.	4.9	24
22	Synthesis and Characterization of Surface-Active Ionic Liquids Used in the Disruption of <i>Escherichia Coli</i> Cells. <i>ChemPhysChem</i> , 2019, 20, 727-735.	2.1	22
23	Aqueous Biphasic Systems Using Chiral Ionic Liquids for the Enantioseparation of Mandelic Acid Enantiomers. <i>Solvent Extraction and Ion Exchange</i> , 2018, 36, 617-631.	2.0	20
24	Encapsulated Amino-Acid-Based Ionic Liquids for CO ₂ Capture. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3158-3166.	2.0	19
25	Odd-even effect on the formation of aqueous biphasic systems formed by 1-alkyl-3-methylimidazolium chloride ionic liquids and salts. <i>Journal of Chemical Physics</i> , 2018, 148, .	3.0	16
26	Propranolol resolution using enantioselective biphasic systems. <i>Separation and Purification Technology</i> , 2021, 254, 117682.	7.9	15
27	Synthesis and characterization of analogues of glycine-betaine ionic liquids and their use in the formation of aqueous biphasic systems. <i>Fluid Phase Equilibria</i> , 2019, 494, 239-245.	2.5	14
28	Separation of mandelic acid enantiomers using solid-liquid biphasic systems with chiral ionic liquids. <i>Separation and Purification Technology</i> , 2020, 252, 117468.	7.9	13
29	The impact of the counterion in the performance of ionic hydrotropes. <i>Chemical Communications</i> , 2021, 57, 2951-2954.	4.1	12
30	Study of the partition of sodium diclofenac and norfloxacin in aqueous two-phase systems based on copolymers and dextran. <i>Fluid Phase Equilibria</i> , 2021, 530, 112868.	2.5	11
31	Enhancing Artemisinin Solubility in Aqueous Solutions: Searching for Hydrotropes based on Ionic Liquids. <i>Fluid Phase Equilibria</i> , 2021, 534, 112961.	2.5	11
32	Odd-Even Effect in the Formation and Extraction Performance of Ionic-Liquid-Based Aqueous Biphasic Systems. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 8323-8331.	3.7	10
33	Amino-acid-based chiral ionic liquids characterization and application in aqueous biphasic systems. <i>Fluid Phase Equilibria</i> , 2021, 542-543, 113091.	2.5	10
34	A simple method for preparation of a novel hydrophobic ionic liquid with a per-fluoro-tert-butoxide anion. <i>New Journal of Chemistry</i> , 2017, 41, 47-50.	2.8	6