

# Tania E Sintra

## List of Publications by Year in descending order

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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	Sequential recovery of C-phycoerythrin and chlorophylls from <i>Anabaena cylindrica</i> . Separation and Purification Technology, 2021, 255, 117538.	7.9	25
2	Propranolol resolution using enantioselective biphasic systems. Separation and Purification Technology, 2021, 254, 117682.	7.9	15
3	Study of the partition of sodium diclofenac and norfloxacin in aqueous two-phase systems based on copolymers and dextran. Fluid Phase Equilibria, 2021, 530, 112868.	2.5	11
4	The impact of the counterion in the performance of ionic hydrotropes. Chemical Communications, 2021, 57, 2951-2954.	4.1	12
5	Enhancing Artemisinin Solubility in Aqueous Solutions: Searching for Hydrotropes based on Ionic Liquids. Fluid Phase Equilibria, 2021, 534, 112961.	2.5	11
6	Cholinium-based ionic liquids as bioinspired hydrotropes to tackle solubility challenges in drug formulation. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 164, 86-92.	4.3	28
7	Amino-acid-based chiral ionic liquids characterization and application in aqueous biphasic systems. Fluid Phase Equilibria, 2021, 542-543, 113091.	2.5	10
8	Encapsulated Amino Acid-Based Ionic Liquids for CO <sub>2</sub> Capture. European Journal of Inorganic Chemistry, 2020, 2020, 3158-3166.	2.0	19
9	Separation of mandelic acid enantiomers using solid-liquid biphasic systems with chiral ionic liquids. Separation and Purification Technology, 2020, 252, 117468.	7.9	13
10	Unveiling the mechanism of hydrotropy: evidence for water-mediated aggregation of hydrotropes around the solute. Chemical Communications, 2020, 56, 7143-7146.	4.1	40
11	Glycerol Ethers as Hydrotropes and Their Use to Enhance the Solubility of Phenolic Acids in Water. ACS Sustainable Chemistry and Engineering, 2020, 8, 5742-5749.	6.7	35
12	Synthesis and Characterization of Surface-Active Ionic Liquids Used in the Disruption of <i>Escherichia Coli</i> Cells. ChemPhysChem, 2019, 20, 727-735.	2.1	22
13	Odd-Even Effect in the Formation and Extraction Performance of Ionic-Liquid-Based Aqueous Biphasic Systems. Industrial & Engineering Chemistry Research, 2019, 58, 8323-8331.	3.7	10
14	Synthesis and characterization of analogues of glycine-betaine ionic liquids and their use in the formation of aqueous biphasic systems. Fluid Phase Equilibria, 2019, 494, 239-245.	2.5	14
15	Synthesis and characterization of chiral ionic liquids based on quinine, l-proline and l-valine for enantiomeric recognition. Journal of Molecular Liquids, 2019, 283, 410-416.	4.9	24
16	Anti-inflammatory and antioxidant nanostructured cellulose membranes loaded with phenolic-based ionic liquids for cutaneous application. Carbohydrate Polymers, 2019, 206, 187-197.	10.2	66
17	Odd-even effect on the formation of aqueous biphasic systems formed by 1-alkyl-3-methylimidazolium chloride ionic liquids and salts. Journal of Chemical Physics, 2018, 148, .	3.0	16
18	Enhanced dissolution of ibuprofen using ionic liquids as catanionic hydrotropes. Physical Chemistry Chemical Physics, 2018, 20, 2094-2103.	2.8	68

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19	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
20	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
21	Ecotoxicological evaluation of magnetic ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 315-321.	6.0	39
22	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
23	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
24	Evaluating the toxicity of biomass derived platform chemicals. <i>Green Chemistry</i> , 2016, 18, 4733-4742.	9.0	32
25	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
26	Evaluating Self-buffering Ionic Liquids for Biotechnological Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 3420-3428.	6.7	46
27	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
28	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
29	Recovery of paracetamol from pharmaceutical wastes. <i>Separation and Purification Technology</i> , 2014, 122, 315-322.	7.9	47
30	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
31	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
32	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
33	Designing ionic liquids: the chemical structure role in the toxicity. <i>Ecotoxicology</i> , 2013, 22, 1-12.	2.4	230
34	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