Catarina Florindo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3225004/publications.pdf

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20 papers	2,845 citations	430754 18 h-index	752573 20 g-index
20 all docs	20 docs citations	20 times ranked	2452 citing authors

#	Article	IF	Citations
1	Insights into the Synthesis and Properties of Deep Eutectic Solvents Based on Cholinium Chloride and Carboxylic Acids. ACS Sustainable Chemistry and Engineering, 2014, 2, 2416-2425.	3.2	599
2	Menthol-based Eutectic Mixtures: Hydrophobic Low Viscosity Solvents. ACS Sustainable Chemistry and Engineering, 2015, 3, 2469-2477.	3.2	420
3	Development of hydrophobic deep eutectic solvents for extraction of pesticides from aqueous environments. Fluid Phase Equilibria, 2017, 448, 135-142.	1.4	303
4	Quest for Greenâ€Solvent Design: From Hydrophilic to Hydrophobic (Deep) Eutectic Solvents. ChemSusChem, 2019, 12, 1549-1559.	3.6	286
5	From Phase Change Materials to Green Solvents: Hydrophobic Low Viscous Fatty Acidâ€"Based Deep Eutectic Solvents. ACS Sustainable Chemistry and Engineering, 2018, 6, 3888-3895.	3.2	251
6	Deep eutectic solvents: overcoming 21st century challenges. Current Opinion in Green and Sustainable Chemistry, 2019, 18, 31-36.	3.2	155
7	A closer look into deep eutectic solvents: exploring intermolecular interactions using solvatochromic probes. Physical Chemistry Chemical Physics, 2018, 20, 206-213.	1.3	121
8	Evaluation of solubility and partition properties of ampicillin-based ionic liquids. International Journal of Pharmaceutics, 2013, 456, 553-559.	2.6	97
9	Cholinium-based ionic liquids with pharmaceutically active anions. RSC Advances, 2014, 4, 28126-28132.	1.7	93
10	Carbohydrates-based deep eutectic solvents: Thermophysical properties and rice straw dissolution. Journal of Molecular Liquids, 2017, 247, 441-447.	2.3	83
11	Playing with ionic liquid mixtures to design engineered CO₂separation membranes. Physical Chemistry Chemical Physics, 2014, 16, 17172.	1.3	70
12	Hydrophobic Deep Eutectic Solvents: A Circular Approach to Purify Water Contaminated with Ciprofloxacin. ACS Sustainable Chemistry and Engineering, 2019, 7, 14739-14746.	3.2	69
13	New Low-Toxicity Cholinium-Based Ionic Liquids with Perfluoroalkanoate Anions for Aqueous Biphasic System Implementation. ACS Sustainable Chemistry and Engineering, 2016, 4, 2670-2679.	3.2	61
14	Understanding the Role of Cholinium Carboxylate Ionic Liquids in PEG-Based Aqueous Biphasic Systems. ACS Sustainable Chemistry and Engineering, 2014, 2, 2426-2434.	3.2	60
15	Novel organic salts based on fluoroquinolone drugs: Synthesis, bioavailability and toxicological profiles. International Journal of Pharmaceutics, 2014, 469, 179-189.	2.6	48
16	Hydrophobic deep eutectic solvents for purification of water contaminated with Bisphenol-A. Journal of Molecular Liquids, 2020, 297, 111841.	2.3	42
17	Supramolecular hydrogel based on a sodium deep eutectic solvent. Chemical Communications, 2018, 54, 7527-7530.	2.2	36
18	Antimicrobial Activities of Highly Bioavailable Organic Salts and Ionic Liquids from Fluoroquinolones. Pharmaceutics, 2020, 12, 694.	2.0	33

#	Article	IF	Citations
19	Thermodynamic Study of Aggregation of Cholinium Perfluoroalkanoate Ionic Liquids. Journal of Chemical & Engineering Data, 2016, 61, 3979-3988.	1.0	12
20	Sodium Hexanoate and Dodecanoate Salt-Based Eutectic Solvents: Density, Viscosity, and Kamletâ€“Taft Parameters. Journal of Chemical & Engineering Data, 2021, 66, 2793-2802.	1.0	6