Ana M Fernandes

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7540983/publications.pdf

Version: 2024-02-01

35	3,355	516215 16	395343 33
papers	citations	h-index	g-index

38	38	38	4154
all docs	docs citations	times ranked	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	Hydrolysis of Tetrafluoroborate and Hexafluorophosphate Counter Ions in Imidazolium-Based Ionic Liquids. Journal of Physical Chemistry A, 2010, 114, 3744-3749.	1.1	551
3	Surface tensions of imidazolium based ionic liquids: Anion, cation, temperature and water effect. Journal of Colloid and Interface Science, 2007, 314, 621-630.	5.0	406
4	Mutual Solubilities of Water and Hydrophobic Ionic Liquids. Journal of Physical Chemistry B, 2007, 111, 13082-13089.	1.2	374
5	An overview of the mutual solubilities of waterâ€“imidazolium-based ionic liquids systems. Fluid Phase Equilibria, 2007, 261, 449-454.	1.4	302
6	Evaluation of Cationâˆ’Anion Interaction Strength in Ionic Liquids. Journal of Physical Chemistry B, 2011, 115, 4033-4041.	1.2	227
7	Reactions of trimethylsilylcyclopentadiene derivatives with titanium, niobium, and tantalum halides. Journal of the Chemical Society Dalton Transactions, 1980, , 1156.	1.1	170
8	Complete removal of textile dyes from aqueous media using ionic-liquid-based aqueous two-phase systems. Separation and Purification Technology, 2014, 128, 58-66.	3.9	156
9	Thermophysical Properties of Five Acetate-Based Ionic Liquids. Journal of Chemical & Engineering Data, 2012, 57, 3005-3013.	1.0	143
10	Solubility of non-aromatic ionic liquids in water and correlation using a QSPR approach. Fluid Phase Equilibria, 2010, 294, 234-240.	1.4	78
11	Cation Alkyl Side Chain Length and Symmetry Effects on the Surface Tension of Ionic Liquids. Langmuir, 2014, 30, 6408-6418.	1.6	75
12	Gasâ€phase dissociation of ionic liquid aggregates studied by electrospray ionisation mass spectrometry and energyâ€variable collision induced dissociation. Journal of Mass Spectrometry, 2009, 44, 144-150.	0.7	33
13	Novel 2-alkyl-1-ethylpyridinium ionic liquids: synthesis, dissociation energies and volatility. Physical Chemistry Chemical Physics, 2015, 17, 2560-2572.	1.3	29
14	Identification of vertebrate type steroid hormones in the shrimp Penaeus japonicus by tandem mass spectrometry and sequential product ion scanning. Journal of the American Society for Mass Spectrometry, 1997, 8, 365-370.	1.2	23
15	Interactions of cationic porphyrins with double-stranded oligodeoxynucleotides: a study by electrospray ionisation mass spectrometry. Journal of Mass Spectrometry, 2005, 40, 1439-1447.	0.7	20
16	Understanding Mâ€“ligand bonding and mer-/fac-isomerism in tris(8-hydroxyquinolinate) metallic complexes. Physical Chemistry Chemical Physics, 2016, 18, 16555-16565.	1.3	17
17	Toward an Understanding of the Mechanisms behind the Formation of Liquidâ€“liquid Systems formed by Two Ionic Liquids. Journal of Physical Chemistry Letters, 2017, 8, 3015-3019.	2.1	17
18	Proton affinities of phenylalkylamines by the kinetic method. International Journal of Mass Spectrometry and Ion Processes, 1998, 172, 123-127.	1.9	15

#	Article	IF	Citations
19	A Triple Saltingâ€Out Effect is Required for the Formation of Ionicâ€Liquidâ€Based Aqueous Multiphase Systems. Angewandte Chemie - International Edition, 2017, 56, 15058-15062.	7.2	14
20	Inclusion Complexes of Ionic Liquids and Cyclodextrins: Are They Formed in the Gas Phase?. Journal of the American Society for Mass Spectrometry, 2014, 25, 852-860.	1.2	11
21	Ion speciation: a key for the understanding of the solution properties of ionic liquid mixtures. Physical Chemistry Chemical Physics, 2019, 21, 21626-21632.	1.3	11
22	Negative chemical ionisation and collision induced fragmentations of deprotonated hydroperoxides. Rapid Communications in Mass Spectrometry, 1999, 13, 93-96.	0.7	10
23	Fragmentation reactions of molecular ions and dications of indoleamines. European Journal of Mass Spectrometry, 1999, 5, 11.	0.7	10
24	The role of distonic ions in the formation of CH3NH3+ and (CH3)2NH2+ from the molecular ions of octopamine and synephrine. Journal of the American Society for Mass Spectrometry, 1990, 1, 104-106.	1.2	8
25	Diarylferrocene tweezers for cation binding. Physical Chemistry Chemical Physics, 2015, 17, 23917-23923.	1.3	8
26	Gas-phase protonation of arylalkylamines. A metastable ion study. Rapid Communications in Mass Spectrometry, 1998, 12, 825-832.	0.7	7
27	Dimethyl ether chemical ionization of arylalkylamines. , 2000, 14, 408-416.		7
28	Behaviour of arylalkylamines toward trimethyl borate as a gas-phase reagent. International Journal of Mass Spectrometry, 2000, 203, 101-110.	0.7	7
29	Chemical ionization of amino and hydroxy group containing arylalkyl compounds with ions in a nitromethane plasma. International Journal of Mass Spectrometry, 2003, 222, 101-116.	0.7	7
30	3-Aroyl-5-hydroxyflavones: synthesis and mechanistic studies by mass spectrometry. Journal of Mass Spectrometry, 1997, 32, 930-939.	0.7	6
31	Evidence for the formation of acyclic ions from the radical cations and cyclic ions from the protonated molecules of Î±,Ï‰-diamines upon loss of ammonia. International Journal of Mass Spectrometry, 2002, 217, 55-63.	0.7	5
32	Gas-phase deprotonation of arylalkylamines. A collision-induced dissociation study. , 1999, 13, 1885-1888.		4
33	Gas-phase reactions of the oxygen radical anion with arylalkylamines. International Journal of Mass Spectrometry, 2001, 210-211, 563-568.	0.7	2
34	A Triple Saltingâ€Out Effect is Required for the Formation of Ionicâ€Liquidâ€Based Aqueous Multiphase Systems. Angewandte Chemie, 2017, 129, 15254-15258.	1.6	2
35	Two-dimensional mass spectra of 2-phenylethylamines. Journal of Mass Spectrometry, 1995, 30, 1255-1259.	0.7	1