

# Ana M Fernandes

## List of Publications by Year in descending order

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35  
papers

3,355  
citations

516561

16  
h-index

395590

33  
g-index

38  
all docs

38  
docs citations

38  
times ranked

4154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion speciation: a key for the understanding of the solution properties of ionic liquid mixtures. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 21626-21632.	1.3	11
2	Toward an Understanding of the Mechanisms behind the Formation of Liquid-Liquid Systems formed by Two Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3015-3019.	2.1	17
3	A Triple Salting-Out Effect is Required for the Formation of Ionic-Liquid-Based Aqueous Multiphase Systems. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15058-15062.	7.2	14
4	A Triple Salting-Out Effect is Required for the Formation of Ionic-Liquid-Based Aqueous Multiphase Systems. <i>Angewandte Chemie</i> , 2017, 129, 15254-15258.	1.6	2
5	Understanding Ligand bonding and mer-/fac-isomerism in tris(8-hydroxyquinolate) metallic complexes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 16555-16565.	1.3	17
6	Diarylferrocene tweezers for cation binding. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 23917-23923.	1.3	8
7	Novel 2-alkyl-1-ethylpyridinium ionic liquids: synthesis, dissociation energies and volatility. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2560-2572.	1.3	29
8	Inclusion Complexes of Ionic Liquids and Cyclodextrins: Are They Formed in the Gas Phase?. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 852-860.	1.2	11
9	Cation Alkyl Side Chain Length and Symmetry Effects on the Surface Tension of Ionic Liquids. <i>Langmuir</i> , 2014, 30, 6408-6418.	1.6	75
10	Complete removal of textile dyes from aqueous media using ionic-liquid-based aqueous two-phase systems. <i>Separation and Purification Technology</i> , 2014, 128, 58-66.	3.9	156
11	Insights into the Synthesis and Properties of Deep Eutectic Solvents Based on Cholinium Chloride and Carboxylic Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 2416-2425.	3.2	599
12	Thermophysical Properties of Five Acetate-Based Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 3005-3013.	1.0	143
13	Evaluation of Cation-Anion Interaction Strength in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4033-4041.	1.2	227
14	Solubility of non-aromatic ionic liquids in water and correlation using a QSPR approach. <i>Fluid Phase Equilibria</i> , 2010, 294, 234-240.	1.4	78
15	Hydrolysis of Tetrafluoroborate and Hexafluorophosphate Counter Ions in Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry A</i> , 2010, 114, 3744-3749.	1.1	551
16	Gas-phase dissociation of ionic liquid aggregates studied by electrospray ionisation mass spectrometry and energy-variable collision induced dissociation. <i>Journal of Mass Spectrometry</i> , 2009, 44, 144-150.	0.7	33
17	An overview of the mutual solubilities of water-imidazolium-based ionic liquids systems. <i>Fluid Phase Equilibria</i> , 2007, 261, 449-454.	1.4	302
18	Surface tensions of imidazolium based ionic liquids: Anion, cation, temperature and water effect. <i>Journal of Colloid and Interface Science</i> , 2007, 314, 621-630.	5.0	406

#	ARTICLE	IF	CITATIONS
19	Mutual Solubilities of Water and Hydrophobic Ionic Liquids. Journal of Physical Chemistry B, 2007, 111, 13082-13089.	1.2	374
20	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
21	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
22	Evidence for the formation of acyclic ions from the radical cations and cyclic ions from the protonated molecules of $\hat{1}\pm, \hat{1}\%$ -diamines upon loss of ammonia. International Journal of Mass Spectrometry, 2002, 217, 55-63.	0.7	5
23	Gas-phase reactions of the oxygen radical anion with arylalkylamines. International Journal of Mass Spectrometry, 2001, 210-211, 563-568.	0.7	2
24	Dimethyl ether chemical ionization of arylalkylamines. , 2000, 14, 408-416.		7
25	Behaviour of arylalkylamines toward trimethyl borate as a gas-phase reagent. International Journal of Mass Spectrometry, 2000, 203, 101-110.	0.7	7
26	Negative chemical ionisation and collision induced fragmentations of deprotonated hydroperoxides. Rapid Communications in Mass Spectrometry, 1999, 13, 93-96.	0.7	10
27	Gas-phase deprotonation of arylalkylamines. A collision-induced dissociation study. , 1999, 13, 1885-1888.		4
28	Fragmentation reactions of molecular ions and dications of indoleamines. European Journal of Mass Spectrometry, 1999, 5, 11.	0.7	10
29	Gas-phase protonation of arylalkylamines. A metastable ion study. Rapid Communications in Mass Spectrometry, 1998, 12, 825-832.	0.7	7
30	Proton affinities of phenylalkylamines by the kinetic method. International Journal of Mass Spectrometry and Ion Processes, 1998, 172, 123-127.	1.9	15
31	Identification of vertebrate type steroid hormones in the shrimp <i>Penaeus japonicus</i> by tandem mass spectrometry and sequential product ion scanning. Journal of the American Society for Mass Spectrometry, 1997, 8, 365-370.	1.2	23
32	3-Aroyl-5-hydroxyflavones: synthesis and mechanistic studies by mass spectrometry. Journal of Mass Spectrometry, 1997, 32, 930-939.	0.7	6
33	Two-dimensional mass spectra of 2-phenylethylamines. Journal of Mass Spectrometry, 1995, 30, 1255-1259.	0.7	1
34	The role of distonic ions in the formation of $\text{CH}_3\text{NH}_3^+$ and $(\text{CH}_3)_2\text{NH}_2^+$ from the molecular ions of octopamine and synephrine. Journal of the American Society for Mass Spectrometry, 1990, 1, 104-106.	1.2	8
35	Reactions of trimethylsilylcyclopentadiene derivatives with titanium, niobium, and tantalum halides. Journal of the Chemical Society Dalton Transactions, 1980, , 1156.	1.1	170