

Andreia Farinha

List of Publications by Year in descending order

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31
papers

590
citations

567281

15
h-index

610901

24
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31
all docs

31
docs citations

31
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	New porphyrin derivatives for phosphate anion sensing in both organic and aqueous media. <i>Chemical Communications</i> , 2014, 50, 1359-1361.	4.1	58
2	Concentration sensor based on a tilted fiber Bragg grating for anions monitoring. <i>Optical Fiber Technology</i> , 2014, 20, 422-427.	2.7	56
3	Thermal stability of P3HT and P3HT:PCBM blends in the molten state. <i>Polymer Testing</i> , 2013, 32, 1192-1201.	4.8	50
4	Fouling investigation of a full-scale seawater reverse osmosis desalination (SWRO) plant on the Red Sea: Membrane autopsy and pretreatment efficiency. <i>Desalination</i> , 2020, 496, 114536.	8.2	46
5	The chemical reactions in electrosprays of water do not always correspond to those at the pristine air-water interface. <i>Chemical Science</i> , 2019, 10, 2566-2577.	7.4	43
6	Synthesis and antioxidant activity of [60]fullerene-flavonoid conjugates. <i>Tetrahedron</i> , 2009, 65, 253-262.	1.9	32
7	(E)-3-(meso-Octamethylcalix[4]pyrrol-2-yl)propenal: a versatile precursor for calix[4]pyrrole-based chromogenic anion sensors. <i>Tetrahedron Letters</i> , 2010, 51, 2184-2187.	1.4	25
8	Synthesis of new calix[4]pyrrole derivatives via 1,3-dipolar cycloadditions. <i>Tetrahedron</i> , 2010, 66, 7595-7599.	1.9	23
9	Octatosylaminophthalocyanine: A reusable chromogenic anion chemosensor. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 387-394.	7.8	21
10	A fundamental study of adsorption kinetics of surfactants onto metal oxides using quartz crystal microbalance with dissipation (QCM-D). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124237.	4.7	21
11	Natural deep eutectic solvents as biofilm structural breakers. <i>Water Research</i> , 2021, 201, 117323.	11.3	20
12	Synthesis and anion binding properties of porphyrins and related compounds. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 950-965.	0.8	19
13	Highly selective optical chemosensor for cyanide in aqueous medium. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 81-87.	7.8	18
14	Chromogenic anion molecular probes based on 1,2,3,4-tetra-substituted calix[4]pyrroles. <i>Sensors and Actuators B: Chemical</i> , 2014, 200, 332-338.	7.8	16
15	An easy access to porphyrin triads and their supramolecular interaction with a pyridyl [60]fulleropyrrolidine. <i>Dyes and Pigments</i> , 2016, 135, 163-168.	3.7	16
16	Sacrificial coating development for biofouling control in membrane systems. <i>Desalination</i> , 2020, 496, 114650.	8.2	16
17	[28]Hexaphyrin derivatives for anion recognition in organic and aqueous media. <i>Chemical Communications</i> , 2016, 52, 2181-2184.	4.1	15
18	Clinical Autopsy of a Reverse Osmosis Membrane Module. <i>Frontiers in Chemical Engineering</i> , 2021, 3, .	2.7	13

#	ARTICLE	IF	CITATIONS
19	An acoustic wave sensor for the hydrophilic fluoride. <i>Sensors and Actuators B: Chemical</i> , 2011, 157, 594-599.	7.8	12
20	Synthesis of [60]fullerene-glycopyranosylaminopyrimidin-4-one conjugates. <i>Tetrahedron</i> , 2008, 64, 4427-4437.	1.9	11
21	Reply to the "Comment on "The chemical reactions in electrosprays of water do not always correspond to those at the pristine air-water interface" by A. J. Colussi and S. Enami, <i>Chem. Sci.</i> , 2019, 10, DOI: 10.1039/c9sc00991d. <i>Chemical Science</i> , 2019, 10, 8256-8261.	7.4	10
22	A simple O-sulfated thiohydroximate molecule to be the first micromolar range myrosinase inhibitor. <i>Tetrahedron Letters</i> , 2009, 50, 3302-3305.	1.4	9
23	Structural properties and stability of the Betaine-Urea natural deep eutectic solvent. <i>Journal of Molecular Liquids</i> , 2021, 343, 117655.	4.9	9
24	Synthesis of hexaphyrins and N-fused pentaphyrins bearing pyridin-4-ylsulfanyl groups. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 824-831.	0.8	8
25	Phthalocyanine-Functionalized Magnetic Silica Nanoparticles as Anion Chemosensors. <i>Sensors</i> , 2021, 21, 1632.	3.8	7
26	Unprecedented Double aza-Michael Addition within a Sapphyrin Core. <i>Chemistry - A European Journal</i> , 2016, 22, 14349-14355.	3.3	5
27	Analysing sulphate and chloride in mineral drinking water by flow injection analysis with a single acoustic wave sensor. <i>Talanta</i> , 2018, 189, 65-70.	5.5	4
28	A Convenient Synthesis of Pentaporphyrins and Supramolecular Complexes with a Fulleropyrrolidine. <i>Molecules</i> , 2019, 24, 3177.	3.8	4
29	A first-principles approach for treating wastewaters. <i>International Journal of Quantum Chemistry</i> , 2021, 121, e26501.	2.0	3
30	Cover Image, Volume 121, Issue 5. <i>International Journal of Quantum Chemistry</i> , 2021, 121, e26288.	2.0	0
31	Supramolecular anion recognition by tetrapyrrolic macrocycles. <i>Revista Virtual De Quimica</i> , 2009, 1, .	0.4	0