Paulo J Amorim Madeira

List of Publications by Year
in descending order

30 papers	694 citations	687363 13 h-index	552781 26 g-index
30 all docs	30 docs citations	30 times ranked	1159 citing authors

#	Article	IF	Citations
1	Rosmarinic acid, scutellarein 4â€²-methyl ether 7-O-glucuronide and (16S)-coleon E are the main compounds responsible for the antiacetylcholinesterase and antioxidant activity in herbal tea of Plectranthus barbatus (â€œfalso boldoâ€). Food Chemistry, 2009, 114, 798-805.	8.2	87
2	Antioxidant and anti-inflammatory activity of a flavonoid-rich concentrate recovered from Opuntia ficus-indica juice. Food and Function, 2014, 5, 3269-3280.	4.6	69
3	Function of Plectranthus barbatus herbal tea as neuronal acetylcholinesterase inhibitor. Food and Function, 2011, 2, 130-136.	4.6	54
4	New water-soluble ruthenium(II) cytotoxic complex: Biological activity and cellular distribution. Journal of Inorganic Biochemistry, 2014, 130, 1-14.	3.5	54
5	Synthesis of organometallic ruthenium(II) complexes with strong activity against several human cancer cell lines. Journal of Inorganic Biochemistry, 2012, 114, 65-74.	3.5	49
6	Titanium dioxide anatase as matrix for matrixâ€assisted laser desorption/ionization analysis of small molecules. Rapid Communications in Mass Spectrometry, 2008, 22, 3761-3766.	1.5	43
7	Antioxidant and anti-acetylcholinesterase activity of commercially available medicinal infusions after in vitro gastrointestinal digestion. Journal of Medicinal Plants Research, 2013, 7, 1370-1378.	0.4	42
8	Biological activity and cellular uptake of [Ru(Î·5-C5H5)(PPh3)(Me2bpy)][CF3SO3] complex. Journal of Inorganic Biochemistry, 2013, 122, 8-17.	3.5	38
9	Antiacetylcholinesterase and antioxidant activities of Plectranthus barbatus tea, after in vitro gastrointestinal metabolism. Food Chemistry, 2010, 122, 179-187.	8.2	36
10	Molecular Recognition of Rosmarinic Acid from Salviaâ€…sclareoides Extracts by Acetylcholinesterase: A New Binding Site Detected by NMR Spectroscopy. Chemistry - A European Journal, 2013, 19, 6641-6649.	3.3	34
11	Acetylcholinesterase inhibition, antioxidant activity and toxicity of Peumus boldus water extracts on HeLa and Caco-2 cell lines. Food and Chemical Toxicology, 2012, 50, 2656-2662.	3.6	32
12	Electrospray ionization Fourier transform ion cyclotron resonance mass spectrometric and semiâ€empirical calculations study of five isoflavone aglycones. Rapid Communications in Mass Spectrometry, 2010, 24, 3432-3440.	1.5	24
13	Benzidine photodegradation: a mass spectrometry and UV spectroscopy combined study. Rapid Communications in Mass Spectrometry, 2005, 19, 2015-2020.	1.5	16
14	Flavonoidâ€“matrix cluster ions in MALDI mass spectrometry. Journal of Mass Spectrometry, 2009, 44, 1105-1113.	1.6	14
15	Gasâ€phase behaviour of Ru(II) cyclopentadienylâ€derived complexes with Nâ€coordinated ligands by electrospray ionization mass spectrometry: fragmentation pathways and energetics. Rapid Communications in Mass Spectrometry, 2012, 26, 1675-1686.	1.5	14
16	Synthesis and Biological Evaluation of Sugars Containing Î±,Î²â€Unsaturated Î³â€Lactones. European Journal of Organic Chemistry, 2008, 2008, 6134-6143.	2.4	13
17	Synthetic Approaches to Novel Thiosugar Scaffolds Containing Î±,Î²â€Unsaturated Carbonyl Groups. European Journal of Organic Chemistry, 2009, 2009, 4983-4991.	2.4	10
18	Sepia Melanin: A New Class of Nanomaterial with Anomalously High Heat Storage Capacity Obtained from a Natural Nanofluid. Journal of Nanofluids, 2013, 2, 104-111.	2.7	10

#	Article	IF	Citations
19	Possible key intermediates in arsenic biochemistry: Synthesis and identification by liquid chromatography electrospray ionization mass spectrometry and high resolution mass spectrometry. Microchemical Journal, 2011, 99, 218-234.	4.5	9
20	Determination of gas-phase acidities of dimethylphenols: Combined experimental and theoretical study. Journal of the American Society for Mass Spectrometry, 2008, 19, 1590-1599.	2.8	7
21	Design and Anticancer Properties of New Water-Soluble Rutheniumâ€“Cyclopentadienyl Complexes. Pharmaceuticals, 2022, 15, 862.	3.8	7
22	Electrospray ionization mass spectrometric analysis of newly synthesized Î±,Î²â€unsaturated Î³â€lactones fused to sugars. Rapid Communications in Mass Spectrometry, 2010, 24, 1049-1058.	1.5	6
23	Can Semiâ€empirical Calculations Help Solve Mass Spectrometry Problems? Protonation Sites and Proton Affinities of Amino Acids. ChemPlusChem, 2013, 78, 1149-1156.	2.8	6
24	On the way to understand antioxidants: chromanol and dimethoxyphenols gasâ€phase acidities. Journal of Mass Spectrometry, 2011, 46, 640-648.	1.6	5
25	Furanose Câ€”Câ€linked Î³â€lactones: a combined ESI FTICR MS and semiâ€empirical calculations study. Journal of Mass Spectrometry, 2010, 45, 1167-1178.	1.6	4
26	Synthesis and structural characterization of new piano-stool ruthenium(II) complexes bearing 1-butylimidazole heteroaromatic ligand. Journal of Organometallic Chemistry, 2012, 713, 112-122.	1.8	3
27	Gas-phase interaction between nickel (II) and nitrobenzyl azides: An ESI-MSn study. International Journal of Mass Spectrometry, 2013, 351, 27-36.	1.5	3
28	Antiplasmodial Drugs in the Gas Phase: A CID and DFT Study of Quinolon-4(1H)-Imine Derivatives. Journal of the American Society for Mass Spectrometry, 2014, 25, 1650-1661.	2.8	2
29	New In Vitro Studies on the Bioprofile of Genista tenera Antihyperglycemic Extract. Natural Products and Bioprospecting, 2015, 5, 277-285.	4.3	2
30	Applications of Tandem Mass Spectrometry: From Structural Analysis to Fundamental Studies. , 2012, , .		1