AndrÃ© Mn Silva

List of Publications by Year
in descending order

46 papers	2,345 citations	516561 16 h-index	243529 44 g-index
48 all docs	48 docs citations	48 times ranked	4411 citing authors

#	Article	IF	Citations
1	Identification of distinct nanoparticles and subsets of extracellular vesicles by asymmetric flow field-flow fractionation. Nature Cell Biology, 2018, 20, 332-343.	4.6	1,101
2	Iron(iii) citrate speciation in aqueous solution. Dalton Transactions, 2009, , 8616.	1.6	198
3	Atherosclerosis is aggravated by iron overload and ameliorated by dietary and pharmacological iron restriction. European Heart Journal, 2020, 41, 2681-2695.	1.0	162
4	Post-translational Modifications and Mass Spectrometry Detection. Free Radical Biology and Medicine, 2013, 65, 925-941.	1.3	101
5	Determination of the pKa value of the hydroxyl group in the Î±-hydroxycarboxylates citrate, malate and lactate by 13C NMR: implications for metal coordination in biological systems. BioMetals, 2009, 22, 771-778.	1.8	94
6	Influence of non-enzymatic post-translation modifications on the ability of human serum albumin to bind iron. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1449-1458.	1.1	64
7	Hypoxia enhances the malignant nature of bladder cancer cells and concomitantly antagonizes proteinO-glycosylation extension. Oncotarget, 2016, 7, 63138-63157.	0.8	58
8	Targeted Oâ€glycoproteomics explored increased sialylation and identified MUC16 as a poor prognosis biomarker in advancedâ€stage bladder tumours. Molecular Oncology, 2017, 11, 895-912.	2.1	50
9	Monitoring the efficiency of iron chelation therapy: the potential of nontransferrinâ€bound iron. Annals of the New York Academy of Sciences, 2010, 1202, 94-99.	1.8	37
10	Iron(III) Fluorinated Porphyrins: Greener Chemistry from Synthesis to Oxidative Catalysis Reactions. Molecules, 2016, 21, 481.	1.7	35
11	An efficient eco-sustainable oxidative desulfurization process using Î¼-oxo-bridged Fe(III) complex of meso-tetrakis(pentafluorophenyl)porphyrin. Applied Catalysis A: General, 2014, 478, 267-274.	2.2	33
12	Human transferrin: An inorganic biochemistry perspective. Coordination Chemistry Reviews, 2021, 449, 214186.	9.5	26
13	Chlorogenic acidâ€“arabinose hybrid domains in coffee melanoidins: Evidences from a model system. Food Chemistry, 2015, 185, 135-144.	4.2	25
14	Isoxazolidine-fused meso-tetraarylchlorins as key tools for the synthesis of mono- and bis-annulated chlorins. Organic and Biomolecular Chemistry, 2015, 13, 7131-7135.	1.5	23
15	A functional glycoproteomics approach identifies CD13 as a novel E-selectin ligand in breast cancer. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2069-2080.	1.1	23
16	Vasculoâ€toxic and proâ€inflammatory action of unbound haemoglobin, haem and iron in transfusionâ€dependent patients with haemolytic anaemias. British Journal of Haematology, 2021, 193, 637-658.	1.2	22
17	Nucleolin-Sle A Glycoforms as E-Selectin Ligands and Potentially Targetable Biomarkers at the Cell Surface of Gastric Cancer Cells. Cancers, 2020, 12, 861.	1.7	20
18	The glycation site specificity of human serum transferrin is a determinant for transferrin's functional impairment under elevated glycaemic conditions. Biochemical Journal, 2014, 461, 33-42.	1.7	17

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19	Glycoproteomics identifies HOMER3 as a potentially targetable biomarker triggered by hypoxia and glucose deprivation in bladder cancer. Journal of Experimental and Clinical Cancer Research, 2021, 40, 191.	3.5	17
20	Street-Like Synthesis of Krokodil Results in the Formation of an Enlarged Cluster of Known and New Morphinans. Chemical Research in Toxicology, 2017, 30, 1609-1621.	1.7	16
21	The (Bio)Chemistry of Non-Transferrin-Bound Iron. Molecules, 2022, 27, 1784.	1.7	16
22	Distinctive EPR signals provide an understanding of the affinity of bis-(3-hydroxy-4-pyridinonato) copper(<scp>ii</scp>) complexes for hydrophobic environments. Dalton Transactions, 2014, 43, 9722-9731.	1.6	15
23	Synthesis and coordination studies of 5-(4â€²-carboxyphenyl)-10,15,20-tris(pentafluorophenyl)porphyrin and its pyrrolidine-fused chlorin derivative. New Journal of Chemistry, 2018, 42, 8169-8179.	1.4	14
24	In silico approaches for unveiling novel glycobiomarkers in cancer. Journal of Proteomics, 2018, 171, 95-106.	1.2	14
25	Target Scoreâ€"A Proteomics Data Selection Tool Applied to Esophageal Cancer Identifies GLUT1-Sialyl Tn Glycoforms as Biomarkers of Cancer Aggressiveness. International Journal of Molecular Sciences, 2021, 22, 1664.	1.8	14
26	Glycoproteogenomics: Setting the Course for Next-generation Cancer Neoantigen Discovery for Cancer Vaccines. Genomics, Proteomics and Bioinformatics, 2021, 19, 25-43.	3.0	14
27	Glycoproteogenomics characterizes the CD44 splicing code associated with bladder cancer invasion. Theranostics, 2022, 12, 3150-3177.	4.6	14
28	Synthesis and characterization of a 3-hydroxy-4-pyridinone chelator functionalized with a polyethylene glycol (PEG) chain aimed at sequential injection determination of iron in natural waters. Polyhedron, 2015, 101, 171-178.	1.0	13
29	1,3-Dipolar cycloadditions with meso-tetraarylchlorins â€“ site selectivity and mixed bisadducts. Organic Chemistry Frontiers, 2017, 4, 534-544.	2.3	13
30	New hydrophilic 3-hydroxy-4-pyridinone chelators with ether-derived substituents: Synthesis and evaluation of analytical performance in the determination of iron in waters. Polyhedron, 2019, 160, 145-156.	1.0	11
31	Phytochemical characterization and biological activities of green tea (Camellia sinensis) produced in the Azores, Portugal. Phytomedicine Plus, 2021, 1, 100001.	0.9	10
32	Crossâ€oxidation of angiotensin II by glycerophosphatidylcholine oxidation products. Rapid Communications in Mass Spectrometry, 2011, 25, 1413-1421.	0.7	9
33	Tuning the Anti(myco)bacterial Activity of 3-Hydroxy-4-pyridinone Chelators through Fluorophores. Pharmaceuticals, 2018, 11, 110.	1.7	9
34	The Influence of the Amide Linkage in the Fe^{III}â€Binding Properties of Catecholâ€Modified Rosamine Derivatives. Chemistry - A European Journal, 2015, 21, 15692-15704.	1.7	8
35	Age-related oxidative modifications to uterine albumin impair extravillous trophoblast cells function. Free Radical Biology and Medicine, 2020, 152, 313-322.	1.3	8
36	Characterization of in vitro protein oxidation using mass spectrometry: A time course study of oxidized alpha-amylase. Archives of Biochemistry and Biophysics, 2013, 530, 23-31.	1.4	6

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37	Single-pot enzymatic synthesis of cancer-associated MUC16 O-glycopeptide libraries and multivalent protein glycoconjugates: a step towards cancer glycovaccines. New Journal of Chemistry, 2021, 45, 9197-9211.	1.4	6
38	Loss of erythroblasts in acute myeloid leukemia causes iron redistribution with clinical implications. Blood Advances, 2021, 5, 3102-3112.	2.5	5
39	Determining the glycation site specificity of human holo-transferrin. Journal of Inorganic Biochemistry, 2018, 186, 95-102.	1.5	4
40	Design of 2-cyclopentenone derivatives with enhanced NF-ÎºB: DNA binding inhibitory properties. Computational and Theoretical Chemistry, 2004, 685, 73-82.	1.5	3
41	Characterization of a Î¼â€oxoâ€bridged diiron porphyrin by ESIâ€LTQâ€Orbitrapâ€MS. Journal of Mass Spectrometry, 2014, 49, 763-765.	0.7	3
42	Oneâ€Pot Synthesis of Xanthone by Carbonylative Suzuki Coupling Reaction. ChemistrySelect, 2021, 6, 4511-4514.	0.7	3
43	EPR and XANES studies of anaerobic photolysis of iso-propilpyridinecobaloxime: Elucidation of the reactivity of the Co(II) primary product. Journal of Organometallic Chemistry, 2014, 760, 11-18.	0.8	2
44	Efficiency of Trypsin Digestion for Mass-Spectrometry-Based Identification and Quantification of Oxidized Proteins: Evaluation of the Digestion of Oxidized Bovine Serum Albumin. European Journal of Mass Spectrometry, 2014, 20, 271-278.	0.5	2
45	(Aminophenyl)porphyrins as precursors for the synthesis of porphyrin-modified siloxanes. Journal of Porphyrins and Phthalocyanines, 2019, 23, 1001-1012.	0.4	0
46	Effect of Extraction Methodology on the Phytochemical Composition for Camelia sinensis â€œPowdered Tea Extractsâ€•from Different Provenances. Beverages, 2022, 8, 13.	1.3	0