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	Glycoproteogenomics characterizes the CD44 splicing code associated with bladder cancer invasion. Theranostics, 2022, 12, 3150-3177.	4.6	14
2	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
3	The (Bio)Chemistry of Non-Transferrin-Bound Iron. Molecules, 2022, 27, 1784.	1.7	16
4	Phytochemical characterization and biological activities of green tea (Camellia sinensis) produced in the Azores, Portugal. Phytomedicine Plus, 2021, 1, 100001.	0.9	10
5	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
6	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
7	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
8	Oneâ€Pot Synthesis of Xanthone by Carbonylative Suzuki Coupling Reaction. ChemistrySelect, 2021, 6, 4511-4514.	0.7	3
9	Glycoproteogenomics: Setting the Course for Next-generation Cancer Neoantigen Discovery for Cancer Vaccines. Genomics, Proteomics and Bioinformatics, 2021, 19, 25-43.	3.0	14
10	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
11	Loss of erythroblasts in acute myeloid leukemia causes iron redistribution with clinical implications. Blood Advances, 2021, 5, 3102-3112.	2.5	5
12	Human transferrin: An inorganic biochemistry perspective. Coordination Chemistry Reviews, 2021, 449, 214186.	9.5	26
13	Atherosclerosis is aggravated by iron overload and ameliorated by dietary and pharmacological iron restriction. European Heart Journal, 2020, 41, 2681-2695.	1.0	162
14	Age-related oxidative modifications to uterine albumin impair extravillous trophoblast cells function. Free Radical Biology and Medicine, 2020, 152, 313-322.	1.3	8
15	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
16	(Aminophenyl)porphyrins as precursors for the synthesis of porphyrin-modified siloxanes. Journal of Porphyrins and Phthalocyanines, 2019, 23, 1001-1012.	0.4	0
17	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
18	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

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19	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
20	In silico approaches for unveiling novel glycobiomarkers in cancer. Journal of Proteomics, 2018, 171, 95-106.	1.2	14
21	Tuning the Anti(myco)bacterial Activity of 3-Hydroxy-4-pyridinone Chelators through Fluorophores. Pharmaceuticals, 2018, 11, 110.	1.7	9
22	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
23	Determining the glycation site specificity of human holo-transferrin. Journal of Inorganic Biochemistry, 2018, 186, 95-102.	1.5	4
24	1,3-Dipolar cycloadditions with meso-tetraarylchlorins â€“ site selectivity and mixed bisadducts. Organic Chemistry Frontiers, 2017, 4, 534-544.	2.3	13
25	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
26	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
27	Iron(III) Fluorinated Porphyrins: Greener Chemistry from Synthesis to Oxidative Catalysis Reactions. Molecules, 2016, 21, 481.	1.7	35
28	Hypoxia enhances the malignant nature of bladder cancer cells and concomitantly antagonizes proteinO-glycosylation extension. Oncotarget, 2016, 7, 63138-63157.	0.8	58
29	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
30	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
31	Chlorogenic acidâ€“arabinose hybrid domains in coffee melanoidins: Evidences from a model system. Food Chemistry, 2015, 185, 135-144.	4.2	25
32	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
33	Characterization of a Î¼â€oxoâ€bridged diiron porphyrin by ESIâ€LTQâ€Orbitrapâ€MS. Journal of Mass Spectrometry, 2014, 49, 763-765.	0.7	3
34	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
35	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
36	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

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37	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
38	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
39	Post-translational Modifications and Mass Spectrometry Detection. Free Radical Biology and Medicine, 2013, 65, 925-941.	1.3	101
40	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
41	Crossâ€oxidation of angiotensin II by glycerophosphatidylcholine oxidation products. Rapid Communications in Mass Spectrometry, 2011, 25, 1413-1421.	0.7	9
42	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
43	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
44	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
45	Iron(iii) citrate speciation in aqueous solution. Dalton Transactions, 2009, , 8616.	1.6	198
46	Design of 2-cyclopentenone derivatives with enhanced NF-ÎºB: DNA binding inhibitory properties. Computational and Theoretical Chemistry, 2004, 685, 73-82.	1.5	3