

## List of Publications by Year in descending order

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46  
papers

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citations

516710

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docs citations

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times ranked

4411  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of distinct nanoparticles and subsets of extracellular vesicles by asymmetric flow field-flow fractionation. <i>Nature Cell Biology</i> , 2018, 20, 332-343.	10.3	1,101
2	Iron(III) citrate speciation in aqueous solution. <i>Dalton Transactions</i> , 2009, , 8616.	3.3	198
3	Atherosclerosis is aggravated by iron overload and ameliorated by dietary and pharmacological iron restriction. <i>European Heart Journal</i> , 2020, 41, 2681-2695.	2.2	162
4	Post-translational Modifications and Mass Spectrometry Detection. <i>Free Radical Biology and Medicine</i> , 2013, 65, 925-941.	2.9	101
5	Determination of the pKa value of the hydroxyl group in the $\alpha$ -hydroxycarboxylates citrate, malate and lactate by $^{13}\text{C}$ NMR: implications for metal coordination in biological systems. <i>BioMetals</i> , 2009, 22, 771-778.	4.1	94
6	Influence of non-enzymatic post-translation modifications on the ability of human serum albumin to bind iron. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 1449-1458.	2.3	64
7	Hypoxia enhances the malignant nature of bladder cancer cells and concomitantly antagonizes protein O-glycosylation extension. <i>Oncotarget</i> , 2016, 7, 63138-63157.	1.8	58
8	Targeted O-glycoproteomics explored increased sialylation and identified MUC16 as a poor prognosis biomarker in advanced-stage bladder tumours. <i>Molecular Oncology</i> , 2017, 11, 895-912.	4.6	50
9	Monitoring the efficiency of iron chelation therapy: the potential of nontransferrin-bound iron. <i>Annals of the New York Academy of Sciences</i> , 2010, 1202, 94-99.	3.8	37
10	Iron(III) Fluorinated Porphyrins: Greener Chemistry from Synthesis to Oxidative Catalysis Reactions. <i>Molecules</i> , 2016, 21, 481.	3.8	35
11	An efficient eco-sustainable oxidative desulfurization process using $\alpha$ -oxo-bridged Fe(III) complex of meso-tetrakis(pentafluorophenyl)porphyrin. <i>Applied Catalysis A: General</i> , 2014, 478, 267-274.	4.3	33
12	Human transferrin: An inorganic biochemistry perspective. <i>Coordination Chemistry Reviews</i> , 2021, 449, 214186.	18.8	26
13	Chlorogenic acid-arabinose hybrid domains in coffee melanoidins: Evidences from a model system. <i>Food Chemistry</i> , 2015, 185, 135-144.	8.2	25
14	Isoxazolidine-fused meso-tetraarylchlorins as key tools for the synthesis of mono- and bis-annulated chlorins. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7131-7135.	2.8	23
15	A functional glycoproteomics approach identifies CD13 as a novel E-selectin ligand in breast cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2069-2080.	2.4	23
16	Vasculotoxic and proinflammatory action of unbound haemoglobin, haem and iron in transfusion-dependent patients with haemolytic anaemias. <i>British Journal of Haematology</i> , 2021, 193, 637-658.	2.5	22
17	Nucleolin-Sle A Glycoforms as E-Selectin Ligands and Potentially Targetable Biomarkers at the Cell Surface of Gastric Cancer Cells. <i>Cancers</i> , 2020, 12, 861.	3.7	20
18	The glycation site specificity of human serum transferrin is a determinant for transferrin's functional impairment under elevated glycaemic conditions. <i>Biochemical Journal</i> , 2014, 461, 33-42.	3.7	17

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19	Glycoproteomics identifies HOMER3 as a potentially targetable biomarker triggered by hypoxia and glucose deprivation in bladder cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 191.	8.6	17
20	Street-Like Synthesis of Krokodil Results in the Formation of an Enlarged Cluster of Known and New Morphinans. <i>Chemical Research in Toxicology</i> , 2017, 30, 1609-1621.	3.3	16
21	The (Bio)Chemistry of Non-Transferrin-Bound Iron. <i>Molecules</i> , 2022, 27, 1784.	3.8	16
22	Distinctive EPR signals provide an understanding of the affinity of bis-(3-hydroxy-4-pyridinonato) copper(II) complexes for hydrophobic environments. <i>Dalton Transactions</i> , 2014, 43, 9722-9731.	3.3	15
23	Synthesis and coordination studies of 5-(4-carboxyphenyl)-10,15,20-tris(pentafluorophenyl)porphyrin and its pyrrolidine-fused chlorin derivative. <i>New Journal of Chemistry</i> , 2018, 42, 8169-8179.	2.8	14
24	In silico approaches for unveiling novel glyco-biomarkers in cancer. <i>Journal of Proteomics</i> , 2018, 171, 95-106.	2.4	14
25	Target Score – A Proteomics Data Selection Tool Applied to Esophageal Cancer Identifies GLUT1-Sialyl Tn Glycoforms as Biomarkers of Cancer Aggressiveness. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1664.	4.1	14
26	Glycoproteogenomics: Setting the Course for Next-generation Cancer Neoantigen Discovery for Cancer Vaccines. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 25-43.	6.9	14
27	Glycoproteogenomics characterizes the CD44 splicing code associated with bladder cancer invasion. <i>Theranostics</i> , 2022, 12, 3150-3177.	10.0	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. <i>Polyhedron</i> , 2015, 101, 171-178.	2.2	13
29	1,3-Dipolar cycloadditions with meso-tetraarylchlorins – site selectivity and mixed bisadducts. <i>Organic Chemistry Frontiers</i> , 2017, 4, 534-544.	4.5	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. <i>Polyhedron</i> , 2019, 160, 145-156.	2.2	11
31	Phytochemical characterization and biological activities of green tea ( <i>Camellia sinensis</i> ) produced in the Azores, Portugal. <i>Phytomedicine Plus</i> , 2021, 1, 100001.	2.0	10
32	Cross-oxidation of angiotensin II by glycerophosphatidylcholine oxidation products. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1413-1421.	1.5	9
33	Tuning the Anti(mycobacterial) Activity of 3-Hydroxy-4-pyridinone Chelators through Fluorophores. <i>Pharmaceuticals</i> , 2018, 11, 110.	3.8	9
34	The Influence of the Amide Linkage in the Fe <sup>III</sup> -Binding Properties of Catechol-Modified Rosamine Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 15692-15704.	3.3	8
35	Age-related oxidative modifications to uterine albumin impair extravillous trophoblast cells function. <i>Free Radical Biology and Medicine</i> , 2020, 152, 313-322.	2.9	8
36	Characterization of in vitro protein oxidation using mass spectrometry: A time course study of oxidized alpha-amylase. <i>Archives of Biochemistry and Biophysics</i> , 2013, 530, 23-31.	3.0	6

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37	Single-pot enzymatic synthesis of cancer-associated MUC16 <i>O</i> -glycopeptide libraries and multivalent protein glycoconjugates: a step towards cancer glycovaccines. <i>New Journal of Chemistry</i> , 2021, 45, 9197-9211.	2.8	6
38	Loss of erythroblasts in acute myeloid leukemia causes iron redistribution with clinical implications. <i>Blood Advances</i> , 2021, 5, 3102-3112.	5.2	5
39	Determining the glycation site specificity of human holo-transferrin. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 95-102.	3.5	4
40	Design of 2-cyclopentenone derivatives with enhanced NF- $\kappa$ B: DNA binding inhibitory properties. <i>Computational and Theoretical Chemistry</i> , 2004, 685, 73-82.	1.5	3
41	Characterization of a $\mu$ -oxo-bridged diiron porphyrin by ESI-Orbitrap-MS. <i>Journal of Mass Spectrometry</i> , 2014, 49, 763-765.	1.6	3
42	One-Pot Synthesis of Xanthone by Carbonylative Suzuki Coupling Reaction. <i>ChemistrySelect</i> , 2021, 6, 4511-4514.	1.5	3
43	EPR and XANES studies of anaerobic photolysis of iso-propylpyridinecobaloxime: Elucidation of the reactivity of the Co(II) primary product. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 11-18.	1.8	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. <i>European Journal of Mass Spectrometry</i> , 2014, 20, 271-278.	1.0	2
45	(Aminophenyl)porphyrins as precursors for the synthesis of porphyrin-modified siloxanes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 1001-1012.	0.8	0
46	Effect of Extraction Methodology on the Phytochemical Composition for <i>Camelia sinensis</i> Powdered Tea Extracts from Different Provenances. <i>Beverages</i> , 2022, 8, 13.	2.8	0