

Cdric Delporte

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,215
citations

19
h-index

34
g-index

58
ext. papers

1,501
ext. citations

4.7
avg, IF

4.3
L-index

#	Paper	IF	Citations
54	Allosteric regulation of G protein-coupled receptor activity by phospholipids. <i>Nature Chemical Biology</i> , 2016 , 12, 35-9	11.7	183
53	Phosphatidylethanolamine Is a Key Regulator of Membrane Fluidity in Eukaryotic Cells. <i>Journal of Biological Chemistry</i> , 2016 , 291, 3658-67	5.4	170
52	Differential Effects of E-Cigarette on Microvascular Endothelial Function, Arterial Stiffness and Oxidative Stress: A Randomized Crossover Trial. <i>Scientific Reports</i> , 2018 , 8, 10378	4.9	79
51	Low-density lipoprotein modified by myeloperoxidase in inflammatory pathways and clinical studies. <i>Mediators of Inflammation</i> , 2013 , 2013, 971579	4.3	58
50	Glycan characterization of biopharmaceuticals: Updates and perspectives. <i>Analytica Chimica Acta</i> , 2016 , 921, 13-27	6.6	53
49	Identification of coffee leaves using FT-NIR spectroscopy and SIMCA. <i>Talanta</i> , 2018 , 177, 4-11	6.2	48
48	Impact of myeloperoxidase-LDL interactions on enzyme activity and subsequent posttranslational oxidative modifications of apoB-100. <i>Journal of Lipid Research</i> , 2014 , 55, 747-57	6.3	47
47	Glycosylation pattern of mature dimeric leukocyte and recombinant monomeric myeloperoxidase: glycosylation is required for optimal enzymatic activity. <i>Journal of Biological Chemistry</i> , 2010 , 285, 16351-9	5.4	42
46	Metabolomics fingerprint of coffee species determined by untargeted-profiling study using LC-HRMS. <i>Food Chemistry</i> , 2018 , 245, 603-612	8.5	41
45	N-(2-{3-[3,5-bis(trifluoromethyl)phenyl]ureido}ethyl)-glycyrrhetinamide (6b): a novel anticancer glycyrrhetic acid derivative that targets the proteasome and displays anti-kinase activity. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 6501-13	8.3	34
44	Myeloperoxidase and its products in synovial fluid of patients with treated or untreated rheumatoid arthritis. <i>Free Radical Research</i> , 2014 , 48, 461-5	4	29
43	Ophiobolin A, a sesterterpenoid fungal phytotoxin, displays higher in vitro growth-inhibitory effects in mammalian than in plant cells and displays in vivo antitumor activity. <i>International Journal of Oncology</i> , 2013 , 43, 575-85	4.4	29
42	Myeloperoxidase-catalyzed oxidation of cyanide to cyanate: A potential carbamylation route involved in the formation of atherosclerotic plaques?. <i>Journal of Biological Chemistry</i> , 2018 , 293, 6374-6386	5.4	26
41	The other myeloperoxidase: Emerging functions. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 649, 1-14	4.1	25
40	Copper and myeloperoxidase-modified LDLs activate Nrf2 through different pathways of ROS production in macrophages. <i>Antioxidants and Redox Signaling</i> , 2010 , 13, 1491-502	8.4	24
39	Simultaneous measurement of protein-bound 3-chlorotyrosine and homocitrulline by LC-MS/MS after hydrolysis assisted by microwave: application to the study of myeloperoxidase activity during hemodialysis. <i>Talanta</i> , 2012 , 99, 603-9	6.2	22
38	Liquid chromatography-quadrupole time of flight tandem mass spectrometry-based targeted metabolomic study for varietal discrimination of grapes according to plant sterols content. <i>Journal of Chromatography A</i> , 2016 , 1454, 67-77	4.5	21

37	The waste of saffron crop, a cheap source of bioactive compounds. <i>Journal of Functional Foods</i> , 2017 , 35, 341-351	5.1	20
36	Batch-to-batch N-glycosylation study of infliximab, trastuzumab and bevacizumab, and stability study of bevacizumab. <i>European Journal of Hospital Pharmacy</i> , 2017 , 24, 286-292	1.6	19
35	Multidomain human peroxidase 1 is a highly glycosylated and stable homotrimeric high spin ferric peroxidase. <i>Journal of Biological Chemistry</i> , 2015 , 290, 10876-90	5.4	19
34	Comparative analysis of monoclonal antibody N-glycosylation using stable isotope labelling and UPLC-fluorescence-MS. <i>Analyst, The</i> , 2015 , 140, 1442-7	5	18
33	Severe Hypouricemia Impairs Endothelium-Dependent Vasodilatation and Reduces Blood Pressure in Healthy Young Men: A Randomized, Placebo-Controlled, and Crossover Study. <i>Journal of the American Heart Association</i> , 2019 , 8, e013130	6	18
32	FTIR spectroscopy as an analytical tool to compare glycosylation in therapeutic monoclonal antibodies. <i>Analytica Chimica Acta</i> , 2020 , 1112, 62-71	6.6	17
31	Dysregulation of Macropinocytosis Processes in Glioblastomas May Be Exploited to Increase Intracellular Anti-Cancer Drug Levels: The Example of Temozolomide. <i>Cancers</i> , 2019 , 11,	6.6	16
30	Native and myeloperoxidase-oxidized low-density lipoproteins act in synergy to induce release of resolvin-D1 from endothelial cells. <i>Atherosclerosis</i> , 2018 , 272, 108-117	3.1	16
29	LC-MS analysis combined with principal component analysis and soft independent modelling by class analogy for a better detection of changes in N-glycosylation profiles of therapeutic glycoproteins. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 477-485	4.4	13
28	Novel bis-arylalkylamines as myeloperoxidase inhibitors: Design, synthesis, and structure-activity relationship study. <i>European Journal of Medicinal Chemistry</i> , 2016 , 123, 746-762	6.8	12
27	Myeloperoxidase promotes tube formation, triggers ERK1/2 and Akt pathways and is expressed endogenously in endothelial cells. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 654, 55-69	4.1	12
26	Hybrid molecules inhibiting myeloperoxidase activity and serotonin reuptake: a possible new approach of major depressive disorders with inflammatory syndrome. <i>Journal of Pharmacy and Pharmacology</i> , 2014 , 66, 1122-32	4.8	12
25	Validation of a LC/MSMS method for simultaneous quantification of 9 nucleotides in biological matrices. <i>Talanta</i> , 2019 , 193, 206-214	6.2	12
24	Advancement in stationary phase for peptide separation helps in protein identification: application to atheroma plaque proteomics using nano-chip liquid chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1385, 116-23	4.5	11
23	Determination of Three Main Chlorogenic Acids in Water Extracts of Coffee Leaves by Liquid Chromatography Coupled to an Electrochemical Detector. <i>Antioxidants</i> , 2018 , 7,	7.1	9
22	Myeloperoxidase-dependent LDL modifications in bloodstream are mainly predicted by angiotensin II, adiponectin, and myeloperoxidase activity: a cross-sectional study in men. <i>Mediators of Inflammation</i> , 2013 , 2013, 750742	4.3	7
21	Validation of a sensitive LC/MSMS method for chloronucleoside analysis in biological matrixes and its applications. <i>Talanta</i> , 2016 , 154, 322-8	6.2	7
20	Methylprednisolone-Induced Lymphocytosis in Patients with Immune-Mediated Inflammatory Disorders. <i>American Journal of Medicine</i> , 2016 , 129, 746-752.e3	2.4	6

19	Optimization of apolipoprotein-B-100 sequence coverage by liquid chromatography-tandem mass spectrometry for the future study of its posttranslational modifications. <i>Analytical Biochemistry</i> , 2011 , 411, 129-38	3.1	6
18	Polyphenolic and Methylxanthine Bioaccessibility of Cocoa Bean Shell Functional Biscuits: Metabolomics Approach and Intestinal Permeability through Caco-2 Cell Models. <i>Antioxidants</i> , 2020 , 9,	7.1	6
17	Electrochemical Studies of Ethoxyquin and its Determination in Salmon Samples by Flow Injection Analysis with an Amperometric Dual Detector. <i>Electroanalysis</i> , 2018 , 30, 1293-1302	3	6
16	The presence of modified nucleosides in extracellular fluids leads to the specific incorporation of 5-chlorocytidine into RNA and modulates the transcription and translation. <i>Molecular and Cellular Biochemistry</i> , 2017 , 429, 59-71	4.2	5
15	A new potential anti-cancer beta-carboline derivative decreases the expression levels of key proteins involved in glioma aggressiveness: A proteomic investigation. <i>Drug Development Research</i> , 2020 , 81, 32-42	5.1	4
14	Untargeted metabolomics approach to discriminate mistletoe commercial products. <i>Scientific Reports</i> , 2021 , 11, 14205	4.9	4
13	Coffee Leaves: An Upcoming Novel Food?. <i>Planta Medica</i> , 2021 , 87, 949-963	3.1	3
12	Data on myeloperoxidase-oxidized low-density lipoproteins stimulation of cells to induce release of resolvin-D1. <i>Data in Brief</i> , 2018 , 18, 1160-1171	1.2	1
11	Rosuvastatin and vascular oxidative stress induced by diesel exhaust particles. <i>Acta Cardiologica</i> , 2016 , 71, 565-572	0.9	1
10	Fc Glycosylation Characterization of Human Immunoglobulins G Using Immunocapture and LC-MS. <i>Methods in Molecular Biology</i> , 2021 , 2271, 57-71	1.4	1
9	Mass Spectrometry for the Monitoring of Lipoprotein Oxidations by Myeloperoxidase in Cardiovascular Diseases. <i>Molecules</i> , 2021 , 26,	4.8	1
8	M2 Monocyte Polarization in Dialyzed Patients Is Associated with Increased Levels of M-CSF and Myeloperoxidase-Associated Oxidative Stress: Preliminary Results. <i>Biomedicines</i> , 2021 , 9,	4.8	1
7	Unexpected Role of MPO-Oxidized LDLs in Atherosclerosis: In between Inflammation and Its Resolution. <i>Antioxidants</i> , 2022 , 11, 874	7.1	1
6	Development of Neutralizing Multimeric Nanobody Constructs Directed against IL-13: From Immunization to Lead Optimization. <i>Journal of Immunology</i> , 2021 , 207, 2608-2620	5.3	0
5	Effects of hyperoxia and cardiovascular risk factors on myocardial ischaemia-reperfusion injury: a randomized, sham-controlled parallel study. <i>Experimental Physiology</i> , 2021 , 106, 1249-1262	2.4	0
4	Evaluation of Cocoa Bean Shell Antimicrobial Activity: A Tentative Assay Using a Metabolomic Approach for Active Compound Identification. <i>Planta Medica</i> , 2021 , 87, 841-849	3.1	0
3	Acute effects of hypouricemia on endothelium, oxidative stress, and arterial stiffness: A randomized, double-blind, crossover study. <i>Physiological Reports</i> , 2021 , 9, e15018	2.6	0
2	Targeted and Untargeted Mass Spectrometry-Based Metabolomics for Chemical Profiling of Three Coffee Species. <i>Molecules</i> , 2022 , 27, 3152	4.8	0

- 1 Analysis of Glycoproteins by ATR-FTIR Spectroscopy: Comparative Assessment. *Methods in Molecular Biology*, **2021**, 2271, 361-374 1.4