Marc Dieu

List of Publications by Year
in descending order

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85 papers	3,460 citations	145106 33 h-index	169272 56 g-index
85 all docs	85 docs citations	85 times ranked	5819 citing authors

#	Article	IF	Citations
1	Selecting Processing Robust Markers Using High-Resolution Mass Spectrometry for the Detection of Milk in Food Products. Journal of AOAC INTERNATIONAL, 2022, 105, 463-475.	0.7	4
2	Data From â€œA Biocodicological Analysis of the Medieval Library and Archive From Orval Abbey, Belgiumâ€• Journal of Open Archaeology Data, 2022, 10, .	0.2	2
3	Development and Validation of a Quantitative Method for Multiple Allergen Detection in Food Using Concatemer-Based Isotope Dilution Mass Spectrometry. Journal of AOAC INTERNATIONAL, 2022, 105, 1585-1595.	0.7	2
4	IGDQ motogenic peptide gradient induces directional cell migration through integrin (Î±v)Î²3 activation in MDA-MB-231 metastatic breast cancer cells. Neoplasia, 2022, 31, 100816.	2.3	3
5	A biocodicological analysis of the medieval library and archive from Orval Abbey, Belgium. Royal Society Open Science, 2021, 8, 210210.	1.1	8
6	Inter-laboratory study on the detection of bovine processed animal protein in feed by LC-MS/MS-based proteomics. Food Control, 2021, 125, 107944.	2.8	8
7	High-resolution mass spectrometry-based selection of peanut peptide biomarkers considering food processing and market type variation. Food Chemistry, 2020, 304, 125428.	4.2	18
8	Selection of universal peptide biomarkers for the detection of the allergen hazelnut in food trough a comprehensive, high resolution mass spectrometric (HRMS) based approach. Food Chemistry, 2020, 309, 125679.	4.2	22
9	The Trypanosoma Brucei KIFC1 Kinesin Ensures the Fast Antibody Clearance Required for Parasite Infectivity. IScience, 2020, 23, 101476.	1.9	6
10	Optimization of label-free nano LC-MS/MS analysis of the placental proteome. Placenta, 2020, 101, 159-162.	0.7	3
11	APOL1 C-Terminal Variants May Trigger Kidney Disease through Interference with APOL3 Control of Actomyosin. Cell Reports, 2020, 30, 3821-3836.e13.	2.9	50
12	Comparative study of concatemer efficiency as an isotope-labelled internal standard for allergen quantification. Food Chemistry, 2020, 332, 127413.	4.2	14
13	Species-Specific Discrimination of Insect Meals for Aquafeeds by Direct Comparison of Tandem Mass Spectra. Animals, 2019, 9, 222.	1.0	41
14	An interdisciplinary study around the reliquary of the late cardinal Jacques de Vitry. PLoS ONE, 2019, 14, e0201424.	1.1	1
15	Animal species identification in parchments by light. Scientific Reports, 2019, 9, 1825.	1.6	9
16	Dual coordination of the SUMOylation and phosphorylation pathways during the response to heat stress in Solanum tuberosum. Environmental and Experimental Botany, 2019, 162, 192-200.	2.0	3
17	Myeloperoxidase-catalyzed oxidation of cyanide to cyanate: A potential carbamylation route involved in the formation of atherosclerotic plaques?. Journal of Biological Chemistry, 2018, 293, 6374-6386.	1.6	36
18	Physiological and proteomic responses to corticosteroid treatments in Eurasian perch, Perca fluviatilis : Investigation of immune-related parameters. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 25, 86-98.	0.4	3

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19	Proteomic Study of SUMOylation During Solanum tuberosumâ€“Phytophthora infestans Interactions. Molecular Plant-Microbe Interactions, 2017, 30, 855-865.	1.4	9
20	Identification of inhibitors targeting Mycobacterium tuberculosis cell wall biosynthesis via dynamic combinatorial chemistry. Chemical Communications, 2017, 53, 10632-10635.	2.2	27
21	Proteomics analysis of the endogenous, constitutive, leaf SUMOylome. Journal of Proteomics, 2017, 150, 268-280.	1.2	9
22	Highlight on Bottlenecks in Food Allergen Analysis: Detection and Quantification by Mass Spectrometry. Journal of AOAC INTERNATIONAL, 2017, 100, 1126-1130.	0.7	19
23	Biodistribution of 125I-labeled anti-endoglin antibody using SPECT/CT imaging: Impact of in vivo deiodination on tumor accumulation in mice. Nuclear Medicine and Biology, 2016, 43, 415-423.	0.3	13
24	Chromatin remodeling regulates catalase expression during cancer cells adaptation to chronic oxidative stress. Free Radical Biology and Medicine, 2016, 99, 436-450.	1.3	40
25	Identification of a cytotoxic molecule in heat-modified citrus pectin. Carbohydrate Polymers, 2016, 137, 39-51.	5.1	19
26	Using a novel â€œIntegrated Biomarker Proteomicâ€•index to assess the effects of freshwater pollutants in European eel peripheral blood mononuclear cells. Journal of Proteomics, 2016, 137, 83-96.	1.2	9
27	Plant immunity induced by COS-OGA elicitor is a cumulative process that involves salicylic acid. Plant Science, 2016, 247, 60-70.	1.7	52
28	Identification of Proteins and Peptide Biomarkers for Detecting Banned Processed Animal Proteins (PAPs) in Meat and Bone Meal by Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2016, 64, 2405-2414.	2.4	39
29	miRNA-196b inhibits cell proliferation and induces apoptosis in HepG2 cells by targeting IGF2BP1. Molecular Cancer, 2015, 14, 79.	7.9	52
30	Local Mitochondrial-Endolysosomal Microfusion Cleaves Voltage-Dependent Anion Channel 1 To Promote Survival in Hypoxia. Molecular and Cellular Biology, 2015, 35, 1491-1505.	1.1	40
31	Three-Dimensional Electrophoresis for Quantitative Profiling of Complex Proteomes. Methods in Molecular Biology, 2015, 1295, 427-440.	0.4	3
32	Translational profiling through biotinylation of tagged ribosomes in zebrafish. Development (Cambridge), 2014, 141, 3988-3993.	1.2	18
33	Looking for protein expression signatures in European eel peripheral blood mononuclear cells after in vivo exposure to perfluorooctane sulfonate and a real world field study. Science of the Total Environment, 2014, 468-469, 958-967.	3.9	15
34	Evaluation of three-dimensional gel electrophoresis to improve quantitative profiling of complex proteomes. Proteomics, 2013, 13, 2077-2082.	1.3	34
35	A new method combining sequential immunoaffinity depletion and differential in gel electrophoresis to identify autoantibodies as cancer biomarkers. Journal of Immunological Methods, 2013, 396, 23-32.	0.6	10
36	Proteomic responses of peripheral blood mononuclear cells in the European eel (Anguilla anguilla) after perfluorooctane sulfonate exposure. Aquatic Toxicology, 2013, 128-129, 43-52.	1.9	27

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37	Hypoxia Integration in the Serological Proteome Analysis Unmasks Tumor Antigens and Fosters the Identification of Anti-Phospho-eEF2 Antibodies as Potential Cancer Biomarkers. PLoS ONE, 2013, 8, e76508.	1.1	10
38	Cdk11-CyclinL Controls the Assembly of the RNA Polymerase II Mediator Complex. Cell Reports, 2012, 2, 1068-1076.	2.9	44
39	Physiological and proteomic responses to single and repeated hypoxia in juvenile Eurasian perch under domestication â€“ Clues to physiological acclimation and humoral immune modulations. Fish and Shellfish Immunology, 2012, 33, 1112-1122.	1.6	65
40	Malachite green toxicity assessed on Asian catfish primary cultures of peripheral blood mononuclear cells by a proteomic analysis. Aquatic Toxicology, 2012, 114-115, 142-152.	1.9	33
41	Translational Control of Cell Division by Elongator. Cell Reports, 2012, 1, 424-433.	2.9	112
42	Mild mitochondrial uncoupling does not affect mitochondrial biogenesis but downregulates pyruvate carboxylase in adipocytes: role for triglyceride content reduction. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E1123-E1141.	1.8	7
43	Hsp90 Is Cleaved by Reactive Oxygen Species at a Highly Conserved N-Terminal Amino Acid Motif. PLoS ONE, 2012, 7, e40795.	1.1	54
44	Fish peripheral blood mononuclear cells preparation for future monitoring applications. Analytical Biochemistry, 2012, 426, 153-165.	1.1	28
45	Proteomic analysis of blood cells in fish exposed to chemotherapeutics: Evidence for long term effects. Journal of Proteomics, 2012, 75, 2454-2467.	1.2	13
46	Proteomic Response to Sublethal Cadmium Exposure in a Sentinel Fish Species, Cottus gobio. Journal of Proteome Research, 2011, 10, 470-478.	1.8	37
47	Physiological and proteomic evidences that domestication process differentially modulates the immune status of juvenile Eurasian perch (Perca fluviatilis) under chronic confinement stress. Fish and Shellfish Immunology, 2011, 31, 1113-1121.	1.6	41
48	Preconditioned Endothelial Progenitor Cells Reduce Formation of Melanoma Metastases through SPARC-Driven Cellâ€“Cell Interactions and Endocytosis. Cancer Research, 2011, 71, 4748-4757.	0.4	13
49	Phosphate Starvation Triggers Production and Secretion of an Extracellular Lipoprotein in Caulobacter crescentus. PLoS ONE, 2010, 5, e14198.	1.1	24
50	Differential protein expression profile in the liver of pikeperch (Sander lucioperca) larvae fed with increasing levels of phospholipids. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2010, 5, 130-137.	0.4	12
51	A differential proteomic approach to assess the effects of chemotherapeutics and production management strategy on giant tiger shrimp Penaeus monodon. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2010, 5, 227-233.	0.4	12
52	Global Analysis of Quorum Sensing Targets in the Intracellular Pathogen Brucella melitensis 16 M. Journal of Proteome Research, 2010, 9, 3200-3217.	1.8	70
53	Differential Influence of Anticancer Treatments and Angiogenesis on the Seric Titer of Autoantibody Used as Tumor and Metastasis Biomarker. Neoplasia, 2010, 12, 562-IN15.	2.3	17
54	Proteomic Profiling of Human Keratinocytes Undergoing UVB-Induced Alternative Differentiation Reveals TRIpartite Motif Protein 29 as a Survival Factor. PLoS ONE, 2010, 5, e10462.	1.1	28

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55	Protein Expression Profiling in the African Clawed Frog Xenopus laevis Tadpoles Exposed to the Polychlorinated Biphenyl Mixture Aroclor 1254. Molecular and Cellular Proteomics, 2009, 8, 596-611.	2.5	42
56	Identification of DH IC-2 as a HIF-1 independent protein involved in the adaptive response to hypoxia in tumor cells: A putative role in metastasis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1676-1690.	1.9	3
57	Upâ€regulation of cathepsin B expression and enhanced secretion in mitochondrial DNAâ€depleted osteosarcoma cells. Biology of the Cell, 2009, 101, 31-43.	0.7	10
58	NDRG1 and CRK-I/II are regulators of endothelial cell migration under intermittent hypoxia. Angiogenesis, 2009, 12, 339-354.	3.7	25
59	Isolation and 2â€Dâ€DIGE proteomic analysis of intracellular and extracellular forms of Listeria monocytogenes. Proteomics, 2009, 9, 5484-5496.	1.3	18
60	The Proapoptotic C16-ceramide-Dependent Pathway Requires the Death-Promoting Factor Btf in Colon Adenocarcinoma Cells. Journal of Proteome Research, 2009, 8, 4810-4822.	1.8	43
61	Role of TGF-Î²1-independent changes in protein neosynthesis, p38Î±MAPK, and cdc42 in hydrogen peroxide-induced senescence-like morphogenesis. Free Radical Biology and Medicine, 2008, 44, 1732-1751.	1.3	18
62	Upregulation of annexin A2 in H2O2-induced premature senescence as evidenced by 2D-DIGE proteome analysis. Experimental Gerontology, 2008, 43, 353-359.	1.2	11
63	A Haptoglobin-Hemoglobin Receptor Conveys Innate Immunity to Trypanosoma brucei in Humans. Science, 2008, 320, 677-681.	6.0	230
64	Upregulation of Pentraxin-3 in Human Endothelial Cells After Lysophosphatidic Acid Exposure. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 491-497.	1.1	47
65	The conserved Wobble uridine tRNA thiolase Ctu1â€“Ctu2 is required to maintain genome integrity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5459-5464.	3.3	129
66	Recruitment of P-TEFb (Cdk9-Pch1) to chromatin by the cap-methyl transferase Pcm1 in fission yeast. EMBO Journal, 2007, 26, 1552-1559.	3.5	58
67	Differential protein expression profiles in anterior gills of Eriocheir sinensis during acclimation to cadmium. Aquatic Toxicology, 2006, 76, 46-58.	1.9	125
68	Evidence for proteins involved in prophenoloxidase cascade Eisenia fetida earthworms. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2006, 176, 581-587.	0.7	23
69	Characterization of subunits of the RNA polymerase I complex in Trypanosoma brucei. Molecular and Biochemical Parasitology, 2005, 139, 249-260.	0.5	32
70	Identification of Membrane-Associated Proteins Regulated by the Arbuscular Mycorrhizal Symbiosis. Plant Molecular Biology, 2005, 59, 565-580.	2.0	56
71	Up-regulation of 94-kDa glucose-regulated protein by hypoxia-inducible factor-1 in human endothelial cells in response to hypoxia. FEBS Letters, 2005, 579, 105-114.	1.3	46
72	Proteomics as a way to identify extra-radicular fungal proteins from Glomus intraradicesÃ¢Â€Â“ RiT-DNA carrot root mycorrhizas. FEMS Microbiology Ecology, 2004, 48, 401-411.	1.3	32

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73	Investigation of the inhibition mechanism of coumarins on chymotrypsin by mass spectrometry. Tetrahedron, 2003, 59, 4557-4561.	1.0	9
74	Apolipoprotein L-I is the trypanosome lytic factor of human serum. Nature, 2003, 422, 83-87.	13.7	444
75	Impact of ageing on proteasome structure and function in human lymphocytes. International Journal of Biochemistry and Cell Biology, 2003, 35, 728-739.	1.2	124
76	Autotaxin Is Released from Adipocytes, Catalyzes Lysophosphatidic Acid Synthesis, and Activates Preadipocyte Proliferation. Journal of Biological Chemistry, 2003, 278, 18162-18169.	1.6	207
77	Identification of 30 protein species involved in replicative senescence and stress-induced premature senescence. FEBS Letters, 2002, 531, 499-504.	1.3	56
78	Proteomics in experimental gerontology. Experimental Gerontology, 2002, 37, 721-734.	1.2	34
79	Proteome analysis and identification of symbiosis-related proteins from Medicago truncatula Gaertn. by two-dimensional electrophoresis and mass spectrometry. Electrophoresis, 2002, 23, 122.	1.3	161
80	PGF2Î±, a Prostanoid Released by Endothelial Cells Activated by Hypoxia, Is a Chemoattractant Candidate for Neutrophil Recruitment. American Journal of Pathology, 2001, 159, 345-357.	1.9	44
81	Identification of Lysine 74 in the Pyruvate Binding Site of Alanine Dehydrogenase from Bacillus subtilis. Journal of Biological Chemistry, 1997, 272, 2276-2284.	1.6	14
82	Automated Solid-Phase Synthesis of Cyclic Peptides Bearing a Side-Chain Tail Designed for Subsequent Chemical Grafting. Analytical Biochemistry, 1996, 242, 180-186.	1.1	21
83	Solid-phase synthesis of tailed cyclic peptides: The use of Î±-allyl-protected aspartic acid leads to aspartimide and tetramethylguanidinium formation. International Journal of Peptide Research and Therapeutics, 1996, 3, 89-97.	0.1	15
84	Hypoxia Stimulates Human Endothelial Cells to Release Smooth Muscle Cell Mitogens: Role of Prostaglandins and bFGF. Experimental Cell Research, 1994, 213, 43-54.	1.2	76
85	Differential effects of interleukin-1Î± and Î² on the arachidonic acid cascade in human synovial cells and chondrocytes in culture. Agents and Actions, 1993, 39, 126-131.	0.7	19