

Thierry Le Bihan

List of Publications by Year in descending order

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36
papers

2,255
citations

394421

19
h-index

361022

35
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43
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43
docs citations

43
times ranked

4074
citing authors

#	ARTICLE	IF	CITATIONS
1	The Circadian Clock Gene Circuit Controls Protein and Phosphoprotein Rhythms in <i>Arabidopsis thaliana</i> . <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100172.	3.8	20
2	The hepatic compensatory response to elevated systemic sulfide promotes diabetes. <i>Cell Reports</i> , 2021, 37, 109958.	6.4	9
3	Surviving Starvation: Proteomic and Lipidomic Profiling of Nutrient Deprivation in the Smallest Known Free-Living Eukaryote. <i>Metabolites</i> , 2020, 10, 273.	2.9	3
4	Genome annotation improvements from cross-phyla proteogenomics and time-of-day differences in malaria mosquito proteins using untargeted quantitative proteomics. <i>PLoS ONE</i> , 2019, 14, e0220225.	2.5	2
5	A role for S-nitrosylation of the SUMO-conjugating enzyme SCE1 in plant immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17090-17095.	7.1	35
6	Quantitative Phosphoproteomic Using Titanium Dioxide Micro-Columns and Label-Free Quantitation. <i>Methods in Molecular Biology</i> , 2019, 1977, 35-42.	0.9	1
7	Shotgun proteomic analysis of nanoparticle-synthesizing <i>Desulfovibrio alaskensis</i> in response to platinum and palladium. <i>Microbiology (United Kingdom)</i> , 2019, 165, 1282-1294.	1.8	6
8	Nucleoredoxin guards against oxidative stress by protecting antioxidant enzymes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8414-8419.	7.1	104
9	Glycogen Synthase Kinase-3 Modulates Cbl-b and Constrains T Cell Activation. <i>Journal of Immunology</i> , 2017, 199, 4056-4065.	0.8	13
10	Protein Co-Expression Analysis as a Strategy to Complement a Standard Quantitative Proteomics Approach: Case of a Glioblastoma Multiforme Study. <i>PLoS ONE</i> , 2016, 11, e0161828.	2.5	9
11	Proteomic profiling of cellular steatosis with concomitant oxidative stress in vitro. <i>Lipids in Health and Disease</i> , 2016, 15, 114.	3.0	10
12	Rock geochemistry induces stress and starvation responses in the bacterial proteome. <i>Environmental Microbiology</i> , 2016, 18, 1110-1121.	3.8	18
13	Identification of S-Nitrosothiols by the Sequential Cysteine Blocking Technique. <i>Methods in Molecular Biology</i> , 2016, 1424, 163-174.	0.9	0
14	Fibrinogen production is enhanced in an in-vitro model of non-alcoholic fatty liver disease: an isolated risk factor for cardiovascular events?. <i>Lipids in Health and Disease</i> , 2015, 14, 86.	3.0	16
15	Cell populations can use aneuploidy to survive telomerase insufficiency. <i>Nature Communications</i> , 2015, 6, 8664.	12.8	35
16	Label-free quantitative analysis of the casein kinase 2-responsive phosphoproteome of the marine minimal model species <i>Ostreococcus tauri</i> . <i>Proteomics</i> , 2015, 15, 4135-4144.	2.2	20
17	Impact of Age on the Cerebrovascular Proteomes of Wild-Type and Tg-SwDI Mice. <i>PLoS ONE</i> , 2014, 9, e89970.	2.5	19
18	Exosomes secreted by nematode parasites transfer small RNAs to mammalian cells and modulate innate immunity. <i>Nature Communications</i> , 2014, 5, 5488.	12.8	640

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19	Snapshots of pre-rRNA structural flexibility reveal eukaryotic 40S assembly dynamics at nucleotide resolution. <i>Nucleic Acids Research</i> , 2014, 42, 12138-12154.	14.5	87
20	The reduced kinome of <i>Ostreococcus tauri</i> : core eukaryotic signalling components in a tractable model species. <i>BMC Genomics</i> , 2014, 15, 640.	2.8	18
21	Interactions among mitochondrial proteins altered in glioblastoma. <i>Journal of Neuro-Oncology</i> , 2014, 118, 247-256.	2.9	57
22	Adaptive Changes in the Neuronal Proteome: Mitochondrial Energy Production, Endoplasmic Reticulum Stress, and Ribosomal Dysfunction in the Cellular Response to Metabolic Stress. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 673-683.	4.3	38
23	<i>Photobacterium profundum</i> under Pressure: A MS-Based Label-Free Quantitative Proteomics Study. <i>PLoS ONE</i> , 2013, 8, e60897.	2.5	29
24	PI3K/Akt1 signalling specifies foregut precursors by generating regionalized extra-cellular matrix. <i>ELife</i> , 2013, 2, e00806.	6.0	32
25	Functional Analysis of Casein Kinase 1 in a Minimal Circadian System. <i>PLoS ONE</i> , 2013, 8, e70021.	2.5	39
26	Proteomic Analysis of Mitochondria in <i>APOE</i> Transgenic Mice and in Response to an Ischemic Challenge. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 164-176.	4.3	37
27	Proteome Turnover in the Green Alga <i>Ostreococcus tauri</i> by Time Course ¹⁵ N Metabolic Labeling Mass Spectrometry. <i>Journal of Proteome Research</i> , 2012, 11, 476-486.	3.7	62
28	S-nitrosylation of NADPH oxidase regulates cell death in plant immunity. <i>Nature</i> , 2011, 478, 264-268.	27.8	596
29	Shotgun proteomic analysis of the unicellular alga <i>Ostreococcus tauri</i> . <i>Journal of Proteomics</i> , 2011, 74, 2060-2070.	2.4	56
30	The use of a novel quantitation strategy based on Reductive Isotopic Di-Ethylation (RIDE) to evaluate the effect of glufosinate on the unicellular algae <i>Ostreococcus tauri</i> . <i>Journal of Proteomics</i> , 2011, 74, 2798-2809.	2.4	16
31	Corrigendum to "Gel free analysis of the proteome of intracellular <i>Leishmania mexicana</i> " [Mol. Biochem. Parasitol. 169 (2010) 108-114]. <i>Molecular and Biochemical Parasitology</i> , 2010, 174, 88.	1.1	0
32	Quantitative analysis of low abundance peptides in HeLa cell cytoplasm by targeted liquid chromatography/mass spectrometry and stable isotope dilution: emphasising the distinction between peptide detection and peptide identification. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1093-1104.	1.5	23
33	On-line strong cation exchange ¹ / ₄ -HPLC-ESI-MS/MS for protein identification and process optimization. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 719-727.	2.8	36
34	Nanoflow Gradient Generator Coupled with ¹ / ₄ -LC-ESI-MS/MS for Protein Identification. <i>Analytical Chemistry</i> , 2001, 73, 1307-1315.	6.5	36
35	Determination of the Secondary Structure and Conformation of Puroindolines by Infrared and Raman Spectroscopy. <i>Biochemistry</i> , 1996, 35, 12712-12722.	2.5	76
36	Stabilization of actin by phalloidin: A differential scanning calorimetric study. <i>Biochemical and Biophysical Research Communications</i> , 1991, 181, 542-547.	2.1	27