

SÃ©bastien Planchon

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,134
citations

257357

24
h-index

254106

43
g-index

68
all docs

68
docs citations

68
times ranked

3568
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of creatine and EDTA supplemented diets on European seabass (<i>Dicentrarchus labrax</i>) allergenicity, fish muscle quality and omics fingerprint. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2022, 41, 100941.	0.4	5
2	Proteomic Studies of Roots in Hypoxia-Sensitive and -Tolerant Tomato Accessions Reveal Candidate Proteins Associated with Stress Priming. <i>Cells</i> , 2022, 11, 500.	1.8	6
3	Impact of heat treatment on the acid induced gelation of brewersâ€™ spent grain protein isolate. <i>Food Hydrocolloids</i> , 2021, 113, 106531.	5.6	11
4	Phospholipase A2 Triggers Anaphylaxis to Snake Venom by Repeated Skin Sensitization: A Case Report. <i>Journal of Investigational Allergology and Clinical Immunology</i> , 2021, 31, 175-177.	0.6	4
5	Metabolic Plasticity of Gilthead Seabream Under Different Stressors: Analysis of the Stress Responsive Hepatic Proteome and Gene Expression. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	10
6	Proteomic analysis of salt-responsive proteins in the leaves of two contrasting Tunisian barley landraces. <i>Plant Growth Regulation</i> , 2021, 95, 65-82.	1.8	5
7	The Resistance of Oilseed Rape Microspore-Derived Embryos to Osmotic Stress Is Associated With the Accumulation of Energy Metabolism Proteins, Redox Homeostasis, Higher Abscisic Acid, and Cytokinin Contents. <i>Frontiers in Plant Science</i> , 2021, 12, 628167.	1.7	3
8	Data on the in-vitro digestibility of acid gels prepared from brewersâ€™ spent grain protein isolates. <i>Data in Brief</i> , 2021, 37, 107160.	0.5	2
9	The Cell Wall Proteome of <i>Cratogeomys plantagineum</i> Cell Cultures Habituated to Dichlobenil and Isoxaben. <i>Cells</i> , 2021, 10, 2295.	1.8	4
10	Molecular investigation of Tuscan sweet cherries sampled over three years: gene expression analysis coupled to metabolomics and proteomics. <i>Horticulture Research</i> , 2021, 8, 12.	2.9	8
11	The effects of improving low dietary protein utilization on the proteome of lamb tissues. <i>Journal of Proteomics</i> , 2020, 223, 103798.	1.2	7
12	Primary Metabolism Is Distinctly Modulated by Plant Resistance Inducers in <i>Coffea arabica</i> Leaves Infected by <i>Hemileia vastatrix</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 309.	1.7	10
13	Protein changes as robust signatures of fish chronic stress: a proteomics approach to fish welfare research. <i>BMC Genomics</i> , 2020, 21, 309.	1.2	49
14	Physiological and proteomic response of <i>Escherichia coli</i> O157:H7 to a bioprotective lactic acid bacterium in a meat environment. <i>Food Research International</i> , 2019, 125, 108622.	2.9	9
15	Distribution of cell-wall polysaccharides and proteins during growth of the hemp hypocotyl. <i>Planta</i> , 2019, 250, 1539-1556.	1.6	12
16	Phellem Cell-Wall Components Are Discriminants of Cork Quality in <i>Quercus suber</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 944.	1.7	10
17	The muscular, hepatic and adipose tissues proteomes in muskox (<i>Ovibos moschatus</i>): Differences between males and females. <i>Journal of Proteomics</i> , 2019, 208, 103480.	1.2	9
18	Atmospheric Aerosol Assisted Pulsed Plasma Polymerization: An Environmentally Friendly Technique for Tunable Catechol-Bearing Thin Films. <i>Frontiers in Chemistry</i> , 2019, 7, 183.	1.8	20

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19	The high molecular weight dipeptidyl peptidase IV Pol d 3 is a major allergen of <i>Polistes dominula</i> venom. <i>Scientific Reports</i> , 2018, 8, 1318.	1.6	31
20	Proteome response of dental pulp cells to exogenous FGF8. <i>Journal of Proteomics</i> , 2018, 183, 14-24.	1.2	11
21	Proteomic responses of carotenoid and retinol administration to Mongolian gerbils. <i>Food and Function</i> , 2018, 9, 3835-3844.	2.1	8
22	DNA and Protein Analyses to Confirm the Absence of Cross-Contamination and Support the Clinical Reliability of Extensively Hydrolysed Diets for Adverse Food Reaction-Pets. <i>Veterinary Sciences</i> , 2018, 5, 63.	0.6	3
23	Insights into the molecular regulation of monolignol-derived product biosynthesis in the growing hemp hypocotyl. <i>BMC Plant Biology</i> , 2018, 18, 1.	1.6	368
24	Salinity effect on germination, seedling growth and cotyledon membrane complexes of a Portuguese salt marsh wild beet ecotype. <i>Theoretical and Experimental Plant Physiology</i> , 2018, 30, 113-127.	1.1	14
25	2D-DIGE in Proteomics. <i>Methods in Molecular Biology</i> , 2017, 1654, 245-254.	0.4	12
26	Environmental stress is the major cause of transcriptomic and proteomic changes in GM and non-GM plants. <i>Scientific Reports</i> , 2017, 7, 10624.	1.6	18
27	Proteomic Insights on the Metabolism of <i>Penicillium janczewskii</i> during the Biotransformation of the Plant Terpenoid Labdanolic Acid. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 45.	2.0	5
28	Pathogenic <i>Leptospires</i> Modulate Protein Expression and Post-translational Modifications in Response to Mammalian Host Signals. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 362.	1.8	36
29	Stuck at work? Quantitative proteomics of environmental wine yeast strains reveals the natural mechanism of overcoming stuck fermentation. <i>Proteomics</i> , 2016, 16, 593-608.	1.3	12
30	2-D DIGE proteomic profiles of three strains of <i>Fusarium graminearum</i> grown in agmatine or glutamic acid medium. <i>Data in Brief</i> , 2016, 6, 985-988.	0.5	0
31	Proteomic response of inflammatory stimulated intestinal epithelial cells to in vitro digested plums and cabbages rich in carotenoids and polyphenols. <i>Food and Function</i> , 2016, 7, 4388-4399.	2.1	9
32	A <i>Fusarium graminearum</i> strain-comparative proteomic approach identifies regulatory changes triggered by agmatine. <i>Journal of Proteomics</i> , 2016, 137, 107-116.	1.2	8
33	Proteomic analysis of apoplastic fluid of <i>Coffea arabica</i> leaves highlights novel biomarkers for resistance against <i>Hemileia vastatrix</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 478.	1.7	46
34	Effect of temperature on the pathogenesis, accumulation of viral and satellite RNAs and on plant proteome in peanut stunt virus and satellite RNA-infected plants. <i>Frontiers in Plant Science</i> , 2015, 6, 903.	1.7	40
35	In vitro culture may be the major contributing factor for transgenic versus nontransgenic proteomic plant differences. <i>Proteomics</i> , 2015, 15, 124-134.	1.3	9
36	Lettuce (<i>Lactuca sativa</i> L.) leaf-proteome profiles after exposure to cylindrospermopsin and a microcystin-LR/cylindrospermopsin mixture: A concentration-dependent response. <i>Phytochemistry</i> , 2015, 110, 91-103.	1.4	20

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37	The old 3-oxoadipate pathway revisited: New insights in the catabolism of aromatics in the saprophytic fungus <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2015, 74, 32-44.	0.9	45
38	Investigating <i>Aspergillus nidulans</i> secretome during colonisation of cork cell walls. <i>Journal of Proteomics</i> , 2014, 98, 175-188.	1.2	23
39	Differential cadmium and zinc distribution in relation to their physiological impact in the leaves of the accumulating <i>Zygophyllum fabago</i> ... <i>Plant, Cell and Environment</i> , 2014, 37, 1299-1320.	2.8	75
40	Maize IgE binding proteins: each plant a different profile?. <i>Proteome Science</i> , 2014, 12, 17.	0.7	11
41	2DE Analysis of Forest Tree Proteins Using Fluorescent Labels and Multiplexing. <i>Methods in Molecular Biology</i> , 2014, 1072, 141-154.	0.4	0
42	Physiological and proteomic changes suggest an important role of cell walls in the high tolerance to metals of <i>Elodea nuttallii</i> . <i>Journal of Hazardous Materials</i> , 2013, 263, 575-583.	6.5	37
43	Proteome Analysis of Cold Response in Spring and Winter Wheat (<i>Triticum aestivum</i>) Crowns Reveals Similarities in Stress Adaptation and Differences in Regulatory Processes between the Growth Habits. <i>Journal of Proteome Research</i> , 2013, 12, 4830-4845.	1.8	102
44	Proteomic alterations induced by ionic liquids in <i>Aspergillus nidulans</i> and <i>Neurospora crassa</i> . <i>Journal of Proteomics</i> , 2013, 94, 262-278.	1.2	21
45	The response of <i>Mucor plumbeus</i> to pentachlorophenol: A toxicoproteomics study. <i>Journal of Proteomics</i> , 2013, 78, 159-171.	1.2	28
46	Identification of Differentially Expressed Proteins in Curcumin-Treated Prostate Cancer Cell Lines. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 289-300.	1.0	41
47	Continuous thrombin infusion leads to a bleeding phenotype in sheep. <i>Thrombosis Research</i> , 2012, 130, 226-236.	0.8	4
48	Characterization of maize allergens â€” MON810 vs. its non-transgenic counterpart. <i>Journal of Proteomics</i> , 2012, 75, 2027-2037.	1.2	38
49	Atrazine and PCB 153 and their effects on the proteome of subcellular fractions of human MCF-7 cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 833-841.	1.1	23
50	The Proteome Response to Amyloid Protein Expression In Vivo. <i>PLoS ONE</i> , 2012, 7, e50123.	1.1	12
51	Analysis of proteome and frost tolerance in chromosome 5A and 5B reciprocal substitution lines between two winter wheats during long-term cold acclimation. <i>Proteomics</i> , 2012, 12, 68-85.	1.3	71
52	Proteomic analysis of plasma samples from patients with acute myocardial infarction identifies haptoglobin as a potential prognostic biomarker. <i>Journal of Proteomics</i> , 2011, 75, 229-236.	1.2	50
53	Alteration of plasma membrane-bound redox systems of iron deficient pea roots by chitosan. <i>Journal of Proteomics</i> , 2011, 74, 1437-1449.	1.2	35
54	Poplar under drought: Comparison of leaf and cambial proteomic responses. <i>Journal of Proteomics</i> , 2011, 74, 1396-1410.	1.2	46

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55	Toxin Induction and Protein Extraction from <i>Fusarium</i> spp. Cultures for Proteomic Studies. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	4
56	Acute metal stress in <i>Populus tremula</i> – <i>P. alba</i> (717B4 genotype): Leaf and cambial proteome changes induced by cadmium ²⁺ . <i>Proteomics</i> , 2010, 10, 349-368.	1.3	94
57	Proteomic evaluation of wound-healing processes in potato (<i>Solanum tuberosum</i> L.) tuber tissue. <i>Proteomics</i> , 2009, 9, 4154-4175.	1.3	39
58	Effects of the Endocrine Disruptors Atrazine and PCB 153 on the Protein Expression of MCF-7 Human Cells. <i>Journal of Proteome Research</i> , 2009, 8, 5485-5496.	1.8	94
59	Combining Proteomics and Metabolite Analyses To Unravel Cadmium Stress-Response in Poplar Leaves. <i>Journal of Proteome Research</i> , 2009, 8, 400-417.	1.8	142
60	Identification of proteins from potato leaves submitted to chilling temperature.. , 2009, , 279-292.		8
61	The transferrin receptor and the tetraspanin web molecules CD9, CD81, and CD9P-1 are differentially sorted into exosomes after TPA treatment of K562 cells. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 650-664.	1.2	45
62	A DIGE analysis of developing poplar leaves subjected to ozone reveals major changes in carbon metabolism. <i>Proteomics</i> , 2007, 7, 1584-1599.	1.3	104
63	Glycosylation status of the membrane protein CD9P-1. <i>Proteomics</i> , 2007, 7, 3880-3895.	1.3	19
64	Proteomic analysis of the tetraspanin web using LC-ESI-MS/MS and MALDI-FTICR-MS. <i>Proteomics</i> , 2006, 6, 1437-1449.	1.3	87