

Flavia Vischi Winck

List of Publications by Year in descending order

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35
papers

870
citations

516710

16
h-index

477307

29
g-index

40
all docs

40
docs citations

40
times ranked

1720
citing authors

#	ARTICLE	IF	CITATIONS
1	Systems Analysis of the Response of Photosynthesis, Metabolism, and Growth to an Increase in Irradiance in the Photosynthetic Model Organism <i>Chlamydomonas reinhardtii</i> . <i>Plant Cell</i> , 2014, 26, 2310-2350.	6.6	123
2	Insights into immune responses in oral cancer through proteomic analysis of saliva and salivary extracellular vesicles. <i>Scientific Reports</i> , 2015, 5, 16305.	3.3	109
3	Proteome analysis of the plant pathogen <i>Xylella fastidiosa</i> reveals major cellular and extracellular proteins and a peculiar codon bias distribution. <i>Proteomics</i> , 2003, 3, 224-237.	2.2	87
4	Functional annotation and biological interpretation of proteomics data. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 46-54.	2.3	45
5	Analysis of autotrophic, mixotrophic and heterotrophic phenotypes in the microalgae <i>Chlorella vulgaris</i> using time-resolved proteomics and transcriptomics approaches. <i>Algal Research</i> , 2020, 51, 102060.	4.6	44
6	A step-by-step protocol for formaldehyde-assisted isolation of regulatory elements from <i>Arabidopsis thaliana</i> . <i>Journal of Integrative Plant Biology</i> , 2014, 56, 527-538.	8.5	34
7	Isolation and characterization of a new serine protease with thrombin-like activity (TLBm) from the venom of the snake <i>Bothrops marajoensis</i> . <i>Toxicon</i> , 2010, 55, 745-753.	1.6	33
8	EEF1D modulates proliferation and epithelial-mesenchymal transition in oral squamous cell carcinoma. <i>Clinical Science</i> , 2016, 130, 785-799.	4.3	33
9	Biochemical and enzymatic characterization of two basic Asp49 phospholipase A2 isoforms from <i>Lachesis muta muta</i> (Surucucu) venom. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1726, 75-86.	2.4	32
10	Isolation and Biochemical Characterization of a Galactoside Binding Lectin from <i>Bauhinia variegata</i> Candida (BvCL) Seeds. <i>Protein Journal</i> , 2007, 26, 193-201.	1.6	31
11	Carbon acquisition and accumulation in microalgae <i>Chlamydomonas</i> : Insights from omics approaches. <i>Journal of Proteomics</i> , 2013, 94, 207-218.	2.4	24
12	Biochemical, Pharmacological, and Structural Characterization of New Basic Bbil-TX from <i>Bothriopsis bilineata</i> Snake Venom. <i>BioMed Research International</i> , 2013, 2013, 1-12.	1.9	24
13	Biochemical, Pharmacological and Structural Characterization of Two PLA2 Isoforms Cdr-12 and Cdr-13 from <i>Crotalus durissus ruruima</i> Snake Venom. <i>Protein Journal</i> , 2007, 26, 39-49.	1.6	23
14	Gene regulatory networks on transfer entropy (GRNTE): a novel approach to reconstruct gene regulatory interactions applied to a case study for the plant pathogen <i>Phytophthora infestans</i> . <i>Theoretical Biology and Medical Modelling</i> , 2019, 16, 7.	2.1	20
15	Development of a <i>Chlamydomonas reinhardtii</i> metabolic network dynamic model to describe distinct phenotypes occurring at different CO ₂ levels. <i>PeerJ</i> , 2018, 6, e5528.	2.0	19
16	The untiring search for the most complete proteome representation: reviewing the methods. <i>Briefings in Functional Genomics & Proteomics</i> , 2008, 7, 312-321.	3.8	18
17	Integrative analysis to select cancer candidate biomarkers to targeted validation. <i>Oncotarget</i> , 2015, 6, 43635-43652.	1.8	18
18	<i>Xylella fastidiosa</i> disturbs nitrogen metabolism and causes a stress response in sweet orange <i>Citrus sinensis</i> cv. Pera. <i>Journal of Experimental Botany</i> , 2007, 58, 2733-2744.	4.8	17

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19	The nuclear proteome of the green alga <i>Chlamydomonas reinhardtii</i> . <i>Proteomics</i> , 2012, 12, 95-100.	2.2	16
20	Analysis of Sensitive CO ₂ Pathways and Genes Related to Carbon Uptake and Accumulation in <i>Chlamydomonas reinhardtii</i> through Genomic Scale Modeling and Experimental Validation. <i>Frontiers in Plant Science</i> , 2016, 7, 43.	3.6	16
21	Extracellular vesicles from oral squamous carcinoma cells display pro- and anti-angiogenic properties. <i>Oral Diseases</i> , 2018, 24, 725-731.	3.0	15
22	Genome-Wide Identification of Regulatory Elements and Reconstruction of Gene Regulatory Networks of the Green Alga <i>Chlamydomonas reinhardtii</i> under Carbon Deprivation. <i>PLoS ONE</i> , 2013, 8, e79909.	2.5	14
23	AN OPTIMIZED METHOD FOR THE ISOLATION OF NUCLEI FROM CHLAMYDOMONAS REINHARDTII (CHLOROPHYCEAE)1. <i>Journal of Phycology</i> , 2011, 47, 333-340.	2.3	13
24	A Reductionist Approach Using Primary and Metastatic Cell-Derived Extracellular Vesicles Reveals Hub Proteins Associated with Oral Cancer Prognosis. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100118.	3.8	12
25	Phosphoproteome analysis reveals differences in phosphosite profiles between tumorigenic and non-tumorigenic epithelial cells. <i>Journal of Proteomics</i> , 2014, 96, 67-81.	2.4	11
26	Comparative analysis of two-dimensional electrophoresis maps (2-DE) of <i>Helicobacter pylori</i> from Brazilian patients with chronic gastritis and duodenal ulcer: a preliminary report. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2006, 48, 175-177.	1.1	8
27	LaRbp38: A <i>Leishmania amazonensis</i> protein that binds nuclear and kinetoplast DNAs. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 854-860.	2.1	7
28	Absence of Classical Heat Shock Response in the Citrus Pathogen <i>Xylella fastidiosa</i> . <i>Current Microbiology</i> , 2007, 54, 119-123.	2.2	6
29	In Silico Analysis for Biomass Synthesis under Different CO ₂ Levels for <i>Chlamydomonas reinhardtii</i> Utilizing a Flux Balance Analysis Approach. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 279-285.	0.6	3
30	Introduction: Advances in Plant Omics and Systems Biology. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1346, 1-9.	1.6	3
31	Plant Proteomics and Systems Biology. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1346, 51-66.	1.6	2
32	Characterization of the Nuclear Proteome of <i>Chlamydomonas</i> in Response to Salt Stress. <i>Phycology</i> , 2022, 2, 280-296.	3.6	2
33	Editorial: Advances in Microalgae Biology and Sustainable Applications. <i>Frontiers in Plant Science</i> , 2016, 7, 1385.	3.6	1
34	Growth and saxitoxin production responses to copper (CuCl ₂) exposure by the cyanobacterium <i>Raphidiopsis raciborskii</i> . <i>Journal of Applied Phycology</i> , 2021, 33, 891-900.	2.8	1
35	Where do we aspire to publish? A position paper on scientific communication in biochemistry and molecular biology. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e8935.	1.5	1