Francisco Campos

List of Publications by Year
in descending order

50 papers	1,368 citations	393982 19 h-index	344852 36 g-index
51 all docs	51 docs citations	51 times ranked	1303 citing authors

#	Article	IF	Citations
1	Transcriptome analysis of the oil-rich seed of the bioenergy crop Jatropha curcas L. BMC Genomics, 2010, 11, 462.	1.2	118
2	The complete amino acid sequence of the bifunctional Î±-amylase/trypsin inhibitor from seeds of ragi (Indian finger millet, Eleusine coracana Gaertn.). FEBS Letters, 1983, 152, 300-304.	1.3	102
3	Poor correlation between the levels of proteinase inhibitors found in seeds of different cultivars of cowpea (Vigna unguiculata) and the resistance/susceptibility to predation by Callosobruchus maculatus. Journal of Agricultural and Food Chemistry, 1989, 37, 1139-1143.	2.4	100
4	Comparison of the partial proteomes of the venoms of Brazilian spiders of the genus Phoneutria. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2006, 142, 173-187.	1.3	87
5	The complete amino acid sequence of the Î±-amylase inhibitor I-2 from seeds of ragi (Indian finger millet,) Tj ETQq1 1 0.784314 rgBT /Ov	1.3	65
6	Proteinases and amylases of larval midgut of <i>Zabrotes subfasciatus</i> reared on cowpea (<i>Vigna) Tj ETQq0 0 0 rgBT /Overlock 10	0.7	65
7	The amino acid sequence and reactive (inhibitory) site of the major trypsin isoinhibitor (DE5) isolated from seeds of the Brazilian Carolina tree (Adenanthera pavonina L.). BBA - Proteins and Proteomics, 1986, 872, 134-140.	2.1	61
8	The complete amino acid sequence of the major alpha subunit of the lectin from the seeds of Dioclea grandiflora (Mart). FEBS Journal, 1984, 144, 101-111.	0.2	57
9	Proteome analysis of secondary somatic embryogenesis in cassava (Manihot esculenta). Plant Science, 2008, 175, 717-723.	1.7	55
10	Resolution and partial characterization of proteinases and Î±-amylases from midguts of larvae of the bruchid beetle Callosobruchus maculatus (F.). Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1989, 92, 51-57.	0.2	53
11	Performance of Isobaric and Isotopic Labeling in Quantitative Plant Proteomics. Journal of Proteome Research, 2012, 11, 3046-3052.	1.8	52
12	Proteome analysis of embryogenic cell suspensions of cowpea (Vigna unguiculata). Plant Cell Reports, 2007, 26, 1333-1343.	2.8	43
13	The expression of papain inhibitors during development of cowpea seeds. Plant Science, 1991, 74, 179-184.	1.7	42
14	Biolistic-mediated genetic transformation of cowpea (Vigna unguiculata) and stable Mendelian inheritance of transgenes. Plant Cell Reports, 2008, 27, 1475-1483.	2.8	39
15	Protein Extraction From Cowpea Tissues for 2-D Gel Electrophoresis and MS Analysis. Chromatographia, 2005, 62, 447-450.	0.7	33
16	Proteomic profile of the nucellus of castor bean (Ricinus communis L.) seeds during development. Journal of Proteomics, 2012, 75, 1933-1939.	1.2	31
17	Global proteome changes in larvae of Callosobruchus maculatus Proteomics, 2012, 12, 2704-2715.	1.3	30
18	Somatic embryogenesis and plant regeneration in Opuntia ficus-indica (L.) Mill. (Cactaceae). Scientia Horticulturae, 2006, 108, 15-21.	1.7	27

#	Article	IF	Citations
19	Isotope Labeling-Based Quantitative Proteomics of Developing Seeds of Castor Oil Seed (<i>Ricinus) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	27
20	Differential expression of cysteine peptidase genes in the inner integument and endosperm of developing seeds of Jatropha curcas L. (Euphorbiaceae). Plant Science, 2013, 213, 30-37.	1.7	21
21	Proteomic Analysis of the Endosperm Ontogeny of <i>Jatropha curcas</i> L. Seeds. Journal of Proteome Research, 2015, 14, 2557-2568.	1.8	21
22	Establishment of callus and cell suspension cultures of Opuntia ficus-indica. Plant Cell, Tissue and Organ Culture, 1999, 58, 155-157.	1.2	19
23	Growth and Protein Pattern in Cowpea Seedlings Subjected to Salinity. Biologia Plantarum, 2003, 46, 341-346.	1.9	19
24	Proteome Analysis of Plastids from Developing Seeds of <i>Jatropha curcas</i> L.. Journal of Proteome Research, 2013, 12, 5137-5145.	1.8	17
25	Time-course proteome analysis of developing extrafloral nectaries of <i>Ricinus communis</i>. Proteomics, 2016, 16, 629-633.	1.3	17
26	Biochemical basis of the toxicity of manipueira (liquid extract of cassava roots) to nematodes and insects. Phytochemical Analysis, 2000, 11, 57-60.	1.2	15
27	Proteome analysis of castor bean seeds. Pure and Applied Chemistry, 2010, 82, 259-267.	0.9	15
28	Proteome Analysis of the Inner Integument from Developing <i>Jatropha curcas</i> L. Seeds. Journal of Proteome Research, 2014, 13, 3562-3570.	1.8	14
29	Somatic embryogenesis in cassava genotypes from the northeast of Brazil. Brazilian Archives of Biology and Technology, 2007, 50, 201-206.	0.5	12
30	Heat and phosphate starvation effects on the proteome, morphology and chemical composition of the biomining bacteria Acidithiobacillus ferrooxidans. World Journal of Microbiology and Biotechnology, 2011, 27, 1469-1479.	1.7	12
31	Deep proteome analysis of gerontoplasts from the inner integument of developing seeds of Jatropha curcas. Journal of Proteomics, 2016, 143, 346-352.	1.2	12
32	Purification and Properties of a Ribonuclease from Cowpea Cotyledons. Biologia Plantarum, 1999, 42, 525-532.	1.9	11
33	The isolation and amino acid sequence of the Î2- and Î3-subunits of the lectin from the seeds of Dioclea Grandiflora. Phytochemistry, 1987, 26, 1435-1440.	1.4	10
34	Biolistic-mediated transient gene expression in shoot apical meristems of the prickly-pear (Opuntia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.5	8
35	Seed development of Jatropha curcas L. (Euphorbiaceae): integrating anatomical, ultrastructural and molecular studies. Plant Cell Reports, 2017, 36, 1707-1716.	2.8	8
36	Genetic Transformation of Recalcitrant Cassava by Embryo Selection and Increased Hormone Levels. Methods and Protocols, 2018, 1, 42.	0.9	8

#	Article	IF	Citations
37	Common Features Between the Proteomes of Floral and Extrafloral Nectar From the Castor Plant (Ricinus Communis) and the Proteomes of Exudates From Carnivorous Plants. Frontiers in Plant Science, 2018, 9, 549.	1.7	8
38	Tissue distribution and deposition pattern of a cellulosic parenchyma-specific protein from cassava roots. Brazilian Archives of Biology and Technology, 1998, 41, 1-9.	0.5	6
39	Proteome Dynamics of the Developing AÃ§aÃ-Berry Pericarp (<i>Euterpe oleracea</i> Mart.). Journal of Proteome Research, 2020, 19, 437-445.	1.8	6
40	Isolation and Characterisation of a Reserve Protein from the Seeds of Cereus jamacaru (Cactaceae). Brazilian Archives of Biology and Technology, 2001, 44, 331-335.	0.5	5
41	Proteome dynamics of the cotyledonary haustorium and endosperm in the course of germination of Euterpe oleracea seeds. Plant Science, 2020, 298, 110569.	1.7	5
42	10.1007/BF00163693. , 2011, , .		3
43	Analysis of organogenic competence of cotyledons of Jatropha curcas and their in vitro histological behavior. African Journal of Biotechnology, 2011, 10, 11249-11258.	0.3	2
44	Morphoanatomical and histochemical studies of the seed development of Euterpe oleracea (Arecaceae). Rodriguesia, 0, 72, .	0.9	2
45	Quantitative Proteome Analysis of Jatropha curcas L. Genotypes with Contrasting Levels of Phorbol Esters. Proteomics, 2020, 20, 1900273.	1.3	1
46	Monitoring casbene synthase in Jatropha curcas tissues using targeted proteomics. Plant Methods, 2021, 17, 15.	1.9	1
47	Biochemical basis of the toxicity of manipueira (liquid extract of cassava roots) to nematodes and insects. , 2000, 11, 57.		1
48	Proteomic Analysis of Embryo Isolated From Mature Jatropha curcas L. Seeds. Frontiers in Plant Science, 2022, 13, 843764.	1.7	1
49	Inâ€Depth Proteome Analysis of Ricinus communis Pollens. Proteomics, 2019, 19, 1800347.	1.3	0
50	A 2D-PAGE ANALYSIS OF PROTEIN DEPOSITION DURING THE DEVELOPMENT OF PHYLLOCLADS OF OPUNTIA FICUS-INDICA. Acta Horticulturae, 2006, , 111-116.	0.1	0