Camilo Elber Vital

List of Publications by Year
in descending order

28 papers	437 citations	759233 12 h-index	752698 20 g-index
28 all docs	28 docs citations	28 times ranked	809 citing authors

#	Article	IF	Citations
1	Differences in Beef Quality between Angus (Bos taurus taurus) and Nellore (Bos taurus indicus) Cattle through a Proteomic and Phosphoproteomic Approach. PLoS ONE, 2017, 12, e0170294.	2.5	75
2	Broad range flavonoid profiling by LC/MS of soybean genotypes contrasting for resistance to Anticarsia gemmatalis (Lepidoptera: Noctuidae). PLoS ONE, 2018, 13, e0205010.	2.5	50
3	Methyl jasmonate and salicylic acid are able to modify cell wall but only salicylic acid alters biomass digestibility in the model grass Brachypodium distachyon. Plant Science, 2017, 263, 46-54.	3.6	45
4	An integrative overview of the molecular and physiological responses of sugarcane under drought conditions. Plant Molecular Biology, 2017, 94, 577-594.	3.9	37
5	Physiological and biochemical responses of Eucalyptus seedlings to hypoxia. Annals of Forest Science, 2019, 76, 1.	2.0	37
6	In vitro photoautotrophic potential and ex vitro photosynthetic competence of Pfaffia glomerata (Spreng.) Pedersen accessions. Plant Cell, Tissue and Organ Culture, 2015, 121, 289-300.	2.3	23
7	Hydroethanolic Extract of Strychnos pseudoquina Accelerates Skin Wound Healing by Modulating the Oxidative Status and Microstructural Reorganization of Scar Tissue in Experimental Type I Diabetes. BioMed Research International, 2017, 2017, 1-11.	1.9	23
8	Induced polyploidization increases 20-hydroxyecdysone content, in vitro photoautotrophic growth, and ex vitro biomass accumulation in Pfaffia glomerata (Spreng.) Pedersen. In Vitro Cellular and Developmental Biology - Plant, 2016, 52, 45-55.	2.1	17
9	Ethanol stress responses of Kluyveromyces marxianus CCT 7735 revealed by proteomic and metabolomic analyses. Antonie Van Leeuwenhoek, 2019, 112, 827-845.	1.7	17
10	Intestinal proteolytic profile changes during larval development of Anticarsia gemmatalis caterpillars. Archives of Insect Biochemistry and Physiology, 2020, 103, e21631.	1.5	16
11	Leaf metabolic profiles of two soybean genotypes differentially affect the survival and the digestibility of Anticarsia gemmatalis caterpillars. Plant Physiology and Biochemistry, 2020, 155, 196-212.	5.8	15
12	Starch accumulation does not lead to feedback photosynthetic downregulation in girdled coffee branches under varying source-to-sink ratios. Trees - Structure and Function, 2020, 34, 1-16.	1.9	14
13	Salinity-induced modifications on growth, physiology and 20-hydroxyecdysone levels in Brazilian-ginseng [Pfaffia glomerata (Spreng.) Pedersen]. Plant Physiology and Biochemistry, 2019, 140, 43-54.	5.8	12
14	An overview of the transcriptional responses of two tolerant and susceptible sugarcane cultivars to borer (Diatraea saccharalis) infestation. Functional and Integrative Genomics, 2020, 20, 839-855.	3.5	9
15	Comparative analysis of constitutive proteome between resistant and susceptible tomato genotypes regarding to late blight. Functional and Integrative Genomics, 2018, 18, 11-21.	3.5	7
16	Differential expression and phytohormone unbalance in Citrus aurantifolia plants during â€œsudden decline of limeâ€, a new phytoplasma disease of citrus. Tropical Plant Pathology, 2018, 43, 520-532.	1.5	5
17	BiP-overexpressing soybean plants display accelerated hypersensitivity response (HR) affecting the SA-dependent sphingolipid and flavonoid pathways. Phytochemistry, 2021, 185, 112704.	2.9	5
18	Proteomic and phosphoproteomic analyses reveal several events involved in the early stages of bovine herpesvirus 1 infection. Archives of Virology, 2020, 165, 69-85.	2.1	4

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19	Analysis of the diversity of endosymbiotic microorganisms in two spider mite species. International Journal of Acarology, 2020, 46, 22-30.	0.7	4
20	Proteolytic enzymes in the salivary glands of the Neotropical brown stink bugEuschistus heros: Reduced activities in imidaclopridâ€resistant strains. Annals of Applied Biology, 2021, 179, 85-95.	2.5	4
21	Soybean plants under simultaneous signals of drought and Anticarsia gemmatalis herbivory trigger gene expression and metabolic pathways reducing larval survival. Environmental and Experimental Botany, 2021, 190, 104594.	4.2	4
22	Identification of metabolite traits from the current metabolomic approaches. Theoretical and Experimental Plant Physiology, 2019, 31, 1-19.	2.4	3
23	Molecular profiling of the Mahanarva spectabilis salivary glands and phytohormonal response of elephant grass. International Journal of Tropical Insect Science, 2021, 41, 849-860.	1.0	3
24	Inhibitory effects of tripeptides to enzymatic activity and life cycle parameters of Anticarsia gemmatalis. Phytoparasitica, 2020, 48, 823-831.	1.2	2
25	Soybean drought-stressed plants impair Anticarsia gemmatalis (Lepidoptera: Erebidae) midgut proteolytic activity and survival. Phytoparasitica, 2021, 49, 491-500.	1.2	2
26	Intestinal proteases profiling from Anticarsia gemmatalis and their binding to inhibitors. Archives of Insect Biochemistry and Physiology, 2021, 107, e21792.	1.5	2
27	Embryo culture, callus induction, and flavonoid profile of Strychnos pseudoquina A. St.-Hil., an important medicinal species from the Brazilian Cerrado biome. Plant Cell, Tissue and Organ Culture, 2021, 145, 579-589.	2.3	1
28	Differential defense responses of tropical grasses to Mahanarva spectabilis (Hemiptera: Cercopidae) infestation. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20191456.	0.8	1