Pablo Velasco

List of Publications by Year
in descending order

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62	3,358	270111	169272
papers	citations	25 h-index	56 g-index

63	63	63	4060
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Manufacture of healthy snack bars supplemented with moringa sprout powder. LWT - Food Science and Technology, 2022, 154, 112828.	2.5	2
2	Glucosinolates as an effective tool in plant-parasitic nematodes control: Exploiting natural plant defenses. Applied Soil Ecology, 2022, 176, 104497.	2.1	9
3	Brassica rapa Domestication: Untangling Wild and Feral Forms and Convergence of Crop Morphotypes. Molecular Biology and Evolution, 2021, 38, 3358-3372.	3.5	30
4	Agronomic and Metabolomic Side-Effects of a Divergent Selection for Indol-3-Ylmethylglucosinolate Content in Kale (Brassica oleracea var. acephala). Metabolites, 2021, 11, 384.	1.3	12
5	Endophytic fungi as direct plant growth promoters for sustainable agricultural production. Symbiosis, 2021, 85, 1-19.	1.2	61
6	Pasta products enriched with moringa sprout powder as nutritive dense foods with bioactive potential. Food Chemistry, 2021, 360, 130032.	4.2	16
7	Evaluation of Italian and Spanish Accessions of Brassica rapa L.: Effect of Flowering Earliness on Fresh Yield and Biological Value. Agronomy, 2021, 11, 29.	1.3	7
8	New Vegetable Brassica Foods: A Promising Source of Bioactive Compounds. Foods, 2021, 10, 2911.	1.9	3
9	Trichoderma hamatum Increases Productivity, Glucosinolate Content and Antioxidant Potential of Different Leafy Brassica Vegetables. Plants, 2021, 10, 2449.	1.6	21
10	Changes in Brassica oleracea Leaves Infected With Xanthomonas campestris pv. campestris by Proteomics Analysis. Frontiers in Plant Science, 2021, 12, 781984.	1.7	2
11	Brassica oleracea var. acephala (kale) improvement by biological activity of root endophytic fungi. Scientific Reports, 2020, 10, 20224.	1.6	25
12	Inheritance and metabolomics of the resistance of two F2 populations of Phaseolus spp. to Acanthoscelides obtectus. Arthropod-Plant Interactions, 2020, 14, 641-651.	0.5	3
13	Development of Transgenic Brassica Crops against Biotic Stresses Caused by Pathogens and Arthropod Pests. Plants, 2020, 9, 1664.	1.6	17
14	Natural control of plant pathogens through glucosinolates: an effective strategy against fungi and oomycetes. Phytochemistry Reviews, 2020, 19, 1045-1059.	3.1	41
15	Glucosinolate-Degradation Products as Co-Adjuvant Therapy on Prostate Cancer in Vitro. International Journal of Molecular Sciences, 2019, 20, 4977.	1.8	12
16	Calcium-signaling proteins mediate the plant transcriptomic response during a well-established Xanthomonas campestris pv. campestris infection. Horticulture Research, 2019, 6, 103.	2.9	23
17	Unraveling the metabolic response of <scp>Brassica oleracea</scp> exposed to Xanthomonas campestris pv. campestris. Journal of the Science of Food and Agriculture, 2018, 98, 3675-3683.	1.7	28
18	Effect of Temperature Stress on Antioxidant Defenses in Brassica oleracea. ACS Omega, 2018, 3, 5237-5243.	1.6	71

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19	Endogenous Circadian Rhythms in Polyphenolic Composition Induce Changes in Antioxidant Properties in Brassica Cultivars. Journal of Agricultural and Food Chemistry, 2018, 66, 5984-5991.	2.4	17
20	Brassica glucosinolate rhythmicity in response to light-dark entrainment cycles is cultivar-dependent. Plant Science, 2018, 275, 28-35.	1.7	10
21	Current Challenges in Plant Eco-Metabolomics. International Journal of Molecular Sciences, 2018, 19, 1385.	1.8	106
22	Characterization of a Spanish Brassica oleracea collection by using molecular and biochemical markers. Scientia Horticulturae, 2017, 219, 344-350.	1.7	9
23	Temperature and light conditions at different latitudes affect sensory quality of broccoli florets (Brassica oleracea L. var. italica). Journal of the Science of Food and Agriculture, 2017, 97, 3500-3508.	1.7	15
24	Resistance to the cabbage root fly, Delia radicum (Diptera, Anthomyiidae), of turnip varieties (Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	16
25	Genetics and Breeding of Brassica Crops. Reference Series in Phytochemistry, 2017, , 61-86.	0.2	8
26	Modification of Leaf Glucosinolate Contents in Brassica oleracea by Divergent Selection and Effect on Expression of Genes Controlling Glucosinolate Pathway. Frontiers in Plant Science, 2016, 7, 1012.	1.7	23
27	Genetics and Breeding of Brassica Crops. , 2016, , 1-26.		1
28	Antibiotic properties of the glucosinolates of Brassica oleracea var. acephala similarly affect generalist and specialist larvae of two lepidopteran pests. Journal of Pest Science, 2016, 89, 195-206.	1.9	32
29	Screening for resistance to black rot in a Spanish collection of Brassica rapa. Plant Breeding, 2015, 134, 551-556.	1.0	9
30	Effect of temperature stress on the early vegetative development of Brassica oleracea L.. BMC Plant Biology, 2015, 15, 145.	1.6	87
31	Organ-Specific Quantitative Genetics and Candidate Genes of Phenylpropanoid Metabolism in Brassica oleracea. Frontiers in Plant Science, 2015, 6, 1240.	1.7	15
32	Identification of Metabolic QTLs and Candidate Genes for Glucosinolate Synthesis in Brassica oleracea Leaves, Seeds and Flower Buds. PLoS ONE, 2014, 9, e91428.	1.1	43
33	Identification of Antioxidant Capacity -Related QTLs in Brassica oleracea. PLoS ONE, 2014, 9, e107290.	1.1	22
34	Bottom-up and top-down herbivore regulation mediated by glucosinolates in Brassica oleracea var. acephala. Oecologia, 2014, 174, 893-907.	0.9	42
35	Mating System of Brassica napus and Its Relationship with Morphological and Ecological Parameters in Northwestern Spain. Journal of Heredity, 2013, 104, 491-499.	1.0	4
36	In Vivo and in Vitro Effects of Secondary Metabolites against Xanthomonas campestris pv. campestris. Molecules, 2013, 18, 11131-11143.	1.7	44

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37	Glucosinolate Variation in Leaves of Brassica rapa Crops. Plant Foods for Human Nutrition, 2012, 67, 283-288.	1.4	34
38	Environmental and Genetic Effects on Yield and Secondary Metabolite Production in Brassica rapa Crops. Journal of Agricultural and Food Chemistry, 2012, 60, 5507-5514.	2.4	21
39	Discrimination of Xanthomonas campestris pv. campestris races among strains from northwestern Spain by Brassica spp. genotypes and rep-PCR. European Journal of Plant Pathology, 2012, 133, 159-169.	0.8	30
40	Screening for resistance to black rot in Brassica oleracea crops. Plant Breeding, 2012, 131, 607-613.	1.0	14
41	Effect of Genotype and Environmental Conditions on Health-Promoting Compounds in Brassica rapa. Journal of Agricultural and Food Chemistry, 2011, 59, 2421-2431.	2.4	38
42	Genotypic and Environmental Effects on Agronomic and Nutritional Value of Brassica rapa. Agronomy Journal, 2011, 103, 735-742.	0.9	13
43	Phenolic Compounds in Brassica Vegetables. Molecules, 2011, 16, 251-280.	1.7	711
44	Phytochemical fingerprinting of vegetable Brassica oleracea and Brassica napus by simultaneous identification of glucosinolates and phenolics. Phytochemical Analysis, 2011, 22, 144-152.	1.2	122
45	Glucosinolates in Brassica and Cancer. , 2010, , 3-29.		4
46	Cooking methods of Brassica rapa affect the preservation of glucosinolates, phenolics and vitamin C. Food Research International, 2010, 43, 1455-1463.	2.9	133
47	Effect of regeneration procedures on the genetic integrity of Brassica oleracea accessions. Molecular Breeding, 2009, 23, 389-395.	1.0	16
48	Sensory quality of turnip greens and turnip tops grown in northwestern Spain. European Food Research and Technology, 2009, 230, 281-290.	1.6	29
49	Resistance of kale varieties to attack by Mamestra brassicae. Agricultural and Forest Entomology, 2009, 11, 153-160.	0.7	6
50	Simultaneous identification of glucosinolates and phenolic compounds in a representative collection of vegetable Brassica rapa. Journal of Chromatography A, 2009, 1216, 6611-6619.	1.8	147
51	Seasonal variation in glucosinolate content in Brassica oleracea crops grown in northwestern Spain. Phytochemistry, 2008, 69, 403-410.	1.4	179
52	Glucosinolates in Brassica foods: bioavailability in food and significance for human health. Phytochemistry Reviews, 2008, 7, 213-229.	3.1	334
53	Variation of glucosinolates and nutritional value in nabicol (Brassica napus pabularia group). Euphytica, 2008, 159, 111-122.	0.6	32
54	Comparison of Glucosinolate Profiles in Leaf and Seed Tissues of Different Brassica napus Crops. Journal of the American Society for Horticultural Science, 2008, 133, 551-558.	0.5	75

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55	Morphologic and Agronomic Diversity of Brassica napus Crops. Journal of the American Society for Horticultural Science, 2008, 133, 48-54.	0.5	11
56	Factors Affecting the Glucosinolate Content of Kale (Brassica oleraceaacephalaGroup). Journal of Agricultural and Food Chemistry, 2007, 55, 955-962.	2.4	179
57	Variation of glucosinolates in vegetable crops of Brassica rapa. Phytochemistry, 2007, 68, 536-545.	1.4	233
58	Genetic Relationships Among Brassica napus Crops Based on SSR Markers. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 1195-1199.	0.5	21
59	The nabicol: A horticultural crop in northwestern Spain. Euphytica, 2005, 142, 237-246.	0.6	26
60	Ear Damage of Sweet Corn Inbreds and Their Hybrids under Multiple Corn Borer Infestation. Crop Science, 2002, 42, 724-729.	0.8	19
61	Ear Resistance of Sweet Corn Populations to Sesamia nonagrioides (Lepidoptera: Noctuidae) and Ostrinia nubilalis (Lepidoptera: Pyralidae). Journal of Economic Entomology, 1999, 92, 732-739.	0.8	27
62	Ear Feeding Resistance of Sweet Corn Inbreds to Pink Stem Borer. Journal of the American Society for Horticultural Science, 1999, 124, 268-272.	0.5	16