JosÃ© L Rambla

List of Publications by Year
in descending order

41 papers	2,872 citations	201674 27 h-index	276875 41 g-index
42 all docs	42 docs citations	42 times ranked	3334 citing authors

#	Article	IF	Citations
1	Inheritance of Secondary Metabolites and Gene Expression Related to Tomato Fruit Quality. International Journal of Molecular Sciences, 2022, 23, 6163.	4.1	9
2	Plant exposure to herbivore-induced plant volatiles: a sustainable approach through eliciting plant defenses. Journal of Pest Science, 2021, 94, 1221-1235.	3.7	17
3	Eliciting tomato plant defenses by exposure to herbivore induced plant volatiles. Entomologia Generalis, 2021, 41, 209-218.	3.1	24
4	Tomato trichomes are deadly hurdles limiting the establishment of Amblyseius swirskii Athias-Henriot (Acari: Phytoseiidae). Biological Control, 2021, 157, 104572.	3.0	21
5	Untargeted Metabolomics of Rind Essential Oils Allowed to Differentiate Two Closely Related Clementine Varieties. Plants, 2021, 10, 1789.	3.5	1
6	Determination of Plant Volatile Apocarotenoids. Methods in Molecular Biology, 2020, 2083, 165-175.	0.9	1
7	Volatile Compounds in Citrus Essential Oils: A Comprehensive Review. Frontiers in Plant Science, 2019, 10, 12.	3.6	216
8	Fruit flesh volatile and carotenoid profile analysis within the Cucumis melo L. species reveals unexploited variability for future genetic breeding. Journal of the Science of Food and Agriculture, 2018, 98, 3915-3925.	3.5	50
9	Zoophytophagous mirids provide pest control by inducing direct defences, antixenosis and attraction to parasitoids in sweet pepper plants. Pest Management Science, 2018, 74, 1286-1296.	3.4	48
10	Orius laevigatus strengthens its role as a biological control agent by inducing plant defenses. Journal of Pest Science, 2018, 91, 55-64.	3.7	42
11	Biological activity and specificity of Miridae-induced plant volatiles. BioControl, 2018, 63, 203-213.	2.0	36
12	Expression of two barley proteinase inhibitors in tomato promotes endogenous defensive response and enhances resistance to Tuta absoluta. BMC Plant Biology, 2018, 18, 24.	3.6	37
13	Identification, introgression, and validation of fruit volatile QTLs from a red-fruited wild tomato species. Journal of Experimental Botany, 2017, 68, erw455.	4.8	61
14	A chemical genetic roadmap to improved tomato flavor. Science, 2017, 355, 391-394.	12.6	561
15	Genetic analysis of the wild strawberry (Fragaria vesca) volatile composition. Plant Physiology and Biochemistry, 2017, 121, 99-117.	5.8	42
16	Changes in the volatile profile of citrus fruit submitted to postharvest degreening treatment. Postharvest Biology and Technology, 2017, 133, 48-56.	6.0	23
17	A Non-targeted Metabolomics Approach Unravels the VOCs Associated with the Tomato Immune Response against Pseudomonas syringae. Frontiers in Plant Science, 2017, 8, 1188.	3.6	35
18	Gene-Metabolite Networks of Volatile Metabolism in Airen and Tempranillo Grape Cultivars Revealed a Distinct Mechanism of Aroma Bouquet Production. Frontiers in Plant Science, 2016, 7, 1619.	3.6	38

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19	Tomato plants increase their tolerance to low temperature in a chilling acclimation process entailing comprehensive transcriptional and metabolic adjustments. Plant, Cell and Environment, 2016, 39, 2303-2318.	5.7	91
20	Tomato fruit volatile profiles are highly dependent on sample processing and capturing methods. Metabolomics, 2015, 11, 1708-1720.	3.0	28
21	Metabolomic Profiling of Plant Tissues. Methods in Molecular Biology, 2015, 1284, 221-235.	0.9	16
22	Biochemical quantitation of the eIF5A hypusination in Arabidopsis thaliana uncovers ABA-dependent regulation. Frontiers in Plant Science, 2014, 5, 202.	3.6	12
23	Fruit Volatile Profiles of Two Citrus Hybrids Are Dramatically Different from Those of Their Parents. Journal of Agricultural and Food Chemistry, 2014, 62, 11312-11322.	5.2	27
24	A plant spermine oxidase/dehydrogenase regulated by the proteasome and polyamines. Journal of Experimental Botany, 2014, 65, 1585-1603.	4.8	71
25	Evaluation of Unintended Effects in the Composition of Tomatoes Expressing a Human Immunoglobulin A against Rotavirus. Journal of Agricultural and Food Chemistry, 2014, 62, 8158-8168.	5.2	6
26	New target carotenoids for CCD4 enzymes are revealed with the characterization of a novel stress-induced carotenoid cleavage dioxygenase gene from Crocus sativus. Plant Molecular Biology, 2014, 86, 555-569.	3.9	84
27	The expanded tomato fruit volatile landscape. Journal of Experimental Botany, 2013, 65, 4613-4623.	4.8	155
28	Thermospermine levels are controlled by an auxinâ€dependent feedback loop mechanism in Populus xylem. Plant Journal, 2013, 75, 685-698.	5.7	57
29	Eugenol Production in Achenes and Receptacles of Strawberry Fruits Is Catalyzed by Synthases Exhibiting Distinct Kinetics. Plant Physiology, 2013, 163, 946-958.	4.8	46
30	NON-SMOKY GLYCOSYLTRANSFERASE1 Prevents the Release of Smoky Aroma from Tomato Fruit. Plant Cell, 2013, 25, 3067-3078.	6.6	108
31	Thermospermine catabolism increases Arabidopsis thaliana resistance to Pseudomonas viridiflava. Journal of Experimental Botany, 2013, 64, 1393-1402.	4.8	49
32	Crocins with High Levels of Sugar Conjugation Contribute to the Yellow Colours of Early-Spring Flowering Crocus Tepals. PLoS ONE, 2013, 8, e71946.	2.5	39
33	Fine-Tuning Tomato Agronomic Properties by Computational Genome Redesign. PLoS Computational Biology, 2012, 8, e1002528.	3.2	7
34	Genetic Analysis of Strawberry Fruit Aroma and Identification of O-Methyltransferase FaOMT as the Locus Controlling Natural Variation in Mesifurane Content Â Â Â. Plant Physiology, 2012, 159, 851-870.	4.8	132
35	Comparative Analysis of the Volatile Fraction of Fruit Juice from Different Citrus Species. PLoS ONE, 2011, 6, e22016.	2.5	102
36	Quantitation of biogenic tetraamines in Arabidopsis thaliana. Analytical Biochemistry, 2010, 397, 208-211.	2.4	29

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37	Metabolic characterization of loci affecting sensory attributes in tomato allows an assessment of the influence of the levels of primary metabolites and volatile organic contents. Journal of Experimental Botany, 2009, 60, 2139-2154.	4.8	151
38	Headspaceâ€based techniques to identify the principal volatile compounds in red grape cultivars. International Journal of Food Science and Technology, 2009, 44, 510-518.	2.7	28
39	Metabolite and target transcript analyses during Crocus sativus stigma development. Phytochemistry, 2009, 70, 1009-1016.	2.9	106
40	Cytosolic and Plastoglobule-targeted Carotenoid Dioxygenases from Crocus sativus Are Both Involved in Î²-Ionone Release. Journal of Biological Chemistry, 2008, 283, 24816-24825.	3.4	235
41	New sources for high resistance of tomato to the tomato spotted wilt virus from Lycopersicon peruvianum. Plant Breeding, 1999, 118, 425-429.	1.9	18