

Monica De Caroli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1757825/publications.pdf>

Version: 2024-02-01

24
papers

807
citations

566801

15
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

1315
citing authors

#	ARTICLE	IF	CITATIONS
1	Three Pectin Methylesterase Inhibitors Protect Cell Wall Integrity for Arabidopsis Immunity to <i>Botrytis</i> . <i>Plant Physiology</i> , 2017, 173, 1844-1863.	2.3	165
2	Enzyme-aided extraction of lycopene from high-pigment tomato cultivars by supercritical carbon dioxide. <i>Food Chemistry</i> , 2015, 170, 193-202.	4.2	101
3	Vacuolar system distribution in Arabidopsis tissues, visualized using GFP fusion proteins. <i>Journal of Experimental Botany</i> , 2003, 54, 1577-1584.	2.4	67
4	Protein trafficking to the cell wall occurs through mechanisms distinguishable from default sorting in tobacco. <i>Plant Journal</i> , 2011, 65, 295-308.	2.8	66
5	Î±-Cyclodextrin encapsulation of supercritical CO ₂ extracted oleoresins from different plant matrices: A stability study. <i>Food Chemistry</i> , 2016, 199, 684-693.	4.2	62
6	Endomembrane Reorganization Induced by Heavy Metals. <i>Plants</i> , 2020, 9, 482.	1.6	36
7	Antioxidants in Varieties of Chicory (<i>Cichorium intybus</i> L.) and Wild Poppy (<i>Papaver rhoeas</i> L.) of Southern Italy. <i>Journal of Chemistry</i> , 2015, 2015, 1-8.	0.9	31
8	Drought and Heat Differentially Affect XTH Expression and XET Activity and Action in 3-Day-Old Seedlings of Durum Wheat Cultivars with Different Stress Susceptibility. <i>Frontiers in Plant Science</i> , 2016, 7, 1686.	1.7	30
9	Vessel occlusion in three cultivars of <i>Olea europaea</i> naturally exposed to <i>Xylella fastidiosa</i> in open field. <i>Journal of Phytopathology</i> , 2017, 165, 589-594.	0.5	27
10	Ride to cell wall: Arabidopsis XTH11, XTH29 and XTH33 exhibit different secretion pathways and responses to heat and drought stress. <i>Plant Journal</i> , 2021, 107, 448-466.	2.8	27
11	Bioactive composition and sensory evaluation of innovative spaghetti supplemented with free or Î±-cyclodextrin chlated pumpkin oil extracted by supercritical CO ₂ . <i>Food Chemistry</i> , 2019, 294, 112-122.	4.2	24
12	Isoprenoid, Lipid, and Protein Contents in Intact Plastids Isolated from Mesocarp Cells of Traditional and High-Pigment Tomato Cultivars at Different Ripening Stages. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1764-1775.	2.4	22
13	Tomato Oil Encapsulation by Î±-, Î²-, and Î³-Cyclodextrins: A Comparative Study on the Formation of Supramolecular Structures, Antioxidant Activity, and Carotenoid Stability. <i>Foods</i> , 2020, 9, 1553.	1.9	22
14	Progress towards Sustainable Control of <i>Xylella fastidiosa</i> subsp. <i>pauca</i> in Olive Groves of Salento (Apulia, Italy). <i>Pathogens</i> , 2021, 10, 668.	1.2	20
15	Molecular dissection of <i>Phaseolus vulgaris</i> polygalacturonase-inhibiting protein 2 reveals the presence of hold/release domains affecting protein trafficking toward the cell wall. <i>Frontiers in Plant Science</i> , 2015, 6, 660.	1.7	17
16	Analysis of the Phytochemical Composition of Pomegranate Fruit Juices, Peels and Kernels: A Comparative Study on Four Cultivars Grown in Southern Italy. <i>Plants</i> , 2021, 10, 2521.	1.6	16
17	Green fluorescent protein reveals variability in vacuoles of three plant species. <i>Biologia Plantarum</i> , 2007, 51, 49-55.	1.9	15
18	Dynamic protein trafficking to the cell wall. <i>Plant Signaling and Behavior</i> , 2011, 6, 1012-1015.	1.2	15

#	ARTICLE	IF	CITATIONS
19	Cellular Localization and Biochemical Characterization of a Chimeric Fluorescent Protein Fusion of <i>Arabidopsis</i> Cellulose Synthase-Like A2 Inserted into Golgi Membrane. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	0.8	12
20	CesA6 and PGIP2 Endocytosis Involves Different Subpopulations of TGN-Related Endosomes. <i>Frontiers in Plant Science</i> , 2020, 11, 350.	1.7	12
21	Td4IN2: A drought-responsive durum wheat (<i>Triticum durum</i> Desf.) gene coding for a resistance like protein with serine/threonine protein kinase, nucleotide binding site and leucine rich domains. <i>Plant Physiology and Biochemistry</i> , 2017, 120, 223-231.	2.8	9
22	Wild and cultivated <i>Triticum</i> species differ in thermotolerant habit and <i>HSP</i> gene expression. <i>Plant Biosystems</i> , 2019, 153, 337-343.	0.8	6
23	Actin and Microtubules Differently Contribute to Vacuolar Targeting Specificity during the Export from the ER. <i>Membranes</i> , 2021, 11, 299.	1.4	5
24	Heat stress affects XET activity in durum wheat roots: Biotechnological implications. <i>Journal of Biotechnology</i> , 2014, 185, S112-S113.	1.9	0