

Giovanna Giovinazzo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

1,359
citations

22
h-index

36
g-index

45
ext. papers

1,522
ext. citations

5.6
avg, IF

4.32
L-index

#	Paper	IF	Citations
43	Protein quality control along the route to the plant vacuole. <i>Plant Cell</i> , 1997 , 9, 1869-80	11.6	172
42	Antioxidant metabolite profiles in tomato fruit constitutively expressing the grapevine stilbene synthase gene. <i>Plant Biotechnology Journal</i> , 2005 , 3, 57-69	11.6	98
41	Functional Properties of Grape and Wine Polyphenols. <i>Plant Foods for Human Nutrition</i> , 2015 , 70, 454-623.	3.9	94
40	Binding of BiP to an assembly-defective protein in plant cells. <i>Plant Journal</i> , 1994 , 5, 103-110	6.9	80
39	Resveratrol inhibits the epidermal growth factor-induced epithelial mesenchymal transition in MCF-7 cells. <i>Cancer Letters</i> , 2011 , 310, 1-8	9.9	78
38	Multiple anti-inflammatory and anti-atherosclerotic properties of red wine polyphenolic extracts: differential role of hydroxycinnamic acids, flavonols and stilbenes on endothelial inflammatory gene expression. <i>European Journal of Nutrition</i> , 2016 , 55, 477-489	5.2	70
37	Resveratrol biosynthesis: plant metabolic engineering for nutritional improvement of food. <i>Plant Foods for Human Nutrition</i> , 2012 , 67, 191-9	3.9	64
36	Identification and quantification of stilbenes in fruits of transgenic tomato plants (<i>Lycopersicon esculentum</i> Mill.) by reversed phase HPLC with photodiode array and mass spectrometry detection. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 3304-11	5.7	63
35	Combined Dietary Anthocyanins, Flavonols, and Stilbenoids Alleviate Inflammatory Bowel Disease Symptoms in Mice. <i>Frontiers in Nutrition</i> , 2017 , 4, 75	6.2	55
34	Antioxidant and anti-inflammatory properties of tomato fruits synthesizing different amounts of stilbenes. <i>Plant Biotechnology Journal</i> , 2009 , 7, 422-9	11.6	53
33	Over-expression of a grape stilbene synthase gene in tomato induces parthenocarp and causes abnormal pollen development. <i>Plant Physiology and Biochemistry</i> , 2011 , 49, 1092-9	5.4	44
32	HIV env glycoprotein shares a cross-reacting epitope with a surface protein present on activated human monocytes and involved in antigen presentation. <i>European Journal of Immunology</i> , 1987 , 17, 1793-8	6.1	43
31	Severe Cardiac Dysfunction and Death Caused by Arrhythmogenic Right Ventricular Cardiomyopathy Type 5 Are Improved by Inhibition of Glycogen Synthase Kinase-3. <i>Circulation</i> , 2019 , 140, 1188-1204	16.7	36
30	Gut Microbiota Modulation and Anti-Inflammatory Properties of Dietary Polyphenols in IBD: New and Consolidated Perspectives. <i>Current Pharmaceutical Design</i> , 2017 , 23, 2344-2351	3.3	34
29	Enhancement of vitamin E production in sunflower cell cultures. <i>Plant Cell Reports</i> , 2004 , 23, 174-9	5.1	33
28	Characterization of in vitro anthocyanin-producing sour cherry (<i>Prunus cerasus</i> L.) callus cultures. <i>Food Research International</i> , 2005 , 38, 937-942	7	32
27	Red Grape Skin Polyphenols Blunt Matrix Metalloproteinase-2 and -9 Activity and Expression in Cell Models of Vascular Inflammation: Protective Role in Degenerative and Inflammatory Diseases. <i>Molecules</i> , 2016 , 21,	4.8	32

26	Jasmonates elicit different sets of stilbenes in <i>Vitis vinifera</i> cv. Negramaro cell cultures. <i>SpringerPlus</i> , 2015 , 4, 49		29
25	Functional analysis of the regulatory region of a zein gene in transiently transformed protoplasts. <i>Plant Molecular Biology</i> , 1992 , 19, 257-63	4.6	27
24	Maturation and translation mechanisms involved in the expression of a myb gene of rice. <i>Plant Molecular Biology</i> , 1997 , 35, 1003-8	4.6	26
23	8-azaguanine resistant carrot cell mutants and their use as universal hybridizers. <i>Molecular Genetics and Genomics</i> , 1983 , 192, 326-329		26
22	Plant oil bodies: novel carriers to deliver lipophilic molecules. <i>Applied Biochemistry and Biotechnology</i> , 2011 , 163, 792-802	3.2	24
21	Assembly and Intracellular Transport of Phaseolin, the Major Storage Protein of <i>Phaseolus vulgaris</i> L.. <i>Journal of Plant Physiology</i> , 1995 , 145, 648-653	3.6	19
20	Efficient stabilization of natural curcuminoids mediated by oil body encapsulation. <i>RSC Advances</i> , 2013 , 3, 5422	3.7	18
19	Autochthonous Starter Cultures Enhance Polyphenols Content, Antioxidant Activity, and Anti-Inflammatory Response of Apulian Red Wines. <i>Foods</i> , 2019 , 8,	4.9	16
18	Can Natural Polyphenols Help in Reducing Cytokine Storm in COVID-19 Patients?. <i>Molecules</i> , 2020 , 25,	4.8	15
17	Strategies to Modulate Specialized Metabolism in Mediterranean Crops: From Molecular Aspects to Field. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	15
16	Role of permanent dicentric systems in carrot somatic embryogenesis. <i>Theoretical and Applied Genetics</i> , 1985 , 70, 345-8	6	12
15	Strategies for Reuse of Skins Separated From Grape Pomace as Ingredient of Functional Beverages. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 645	5.8	9
14	Wine Polyphenols and Health. <i>Reference Series in Phytochemistry</i> , 2019 , 1135-1155	0.7	9
13	Bean (<i>Phaseolus vulgaris</i> L.) protoplasts as a model system to study the expression and stability of recombinant seed proteins. <i>Plant Cell Reports</i> , 1997 , 16, 705-709	5.1	6
12	Conserved cysteines in titin sustain the mechanical function of cardiomyocytes		4
11	Resveratrol and other Stilbenes: Effects on Dysregulated Gene Expression in Cancers and Novel Delivery Systems. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021 , 21, 567-574	2.2	4
10	Comparison of Antibacterial and Antioxidant Properties of Red (cv. Negramaro) and White (cv. Fiano) Skin Pomace Extracts. <i>Molecules</i> , 2021 , 26,	4.8	4
9	Tapping Into Health: Wine as Functional Beverage 2019 , 279-302		3

8	Intracellular Antioxidant Activity of Grape Skin Polyphenolic Extracts in Rat Superficial Colonocytes: In situ Detection by Confocal Fluorescence Microscopy. <i>Frontiers in Physiology</i> , 2016 , 7, 177	4.6	3
7	Effects of Time and Temperature on Stability of Bioactive Molecules, Color and Volatile Compounds during Storage of Grape Pomace Flour. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3956	2.6	2
6	Metabolic Engineering for Functional Foods: Tomato Fruits and Stilbenes 2013 , 1581-1597		1
5	Natural resveratrol bioproduction 2013 , 223-234		1
4	Protein Quality Control along the Route to the Plant Vacuole. <i>Plant Cell</i> , 1997 , 9, 1869	11.6	1
3	Physicochemical and Antioxidant Properties of White (Fiano cv) and Red (Negroamaro cv) Grape Pomace Skin Based Films. <i>Journal of Polymers and the Environment</i> , 1	4.5	0
2	The synthesis of phaseolin: a model for the study of the plant secretory pathway. <i>Giornale Botanico Italiano (Florence, Italy: 1962)</i> , 1996 , 130, 891-900		
1	Wine Polyphenols and Health. <i>Reference Series in Phytochemistry</i> , 2018 , 1-21	0.7	