Antonella Gori

List of Publications by Year
in descending order

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37	1,104	471061 17	414034 32
papers	citations	h-index	g-index

39	39	39	1743
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modulation of Phytohormone Signaling: A Primary Function of Flavonoids in Plantâ€“Environment Interactions. Frontiers in Plant Science, 2018, 9, 1042.	1.7	134
2	Are Flavonoids Effective Antioxidants in Plants? Twenty Years of Our Investigation. Antioxidants, 2020, 9, 1098.	2.2	133
3	Isoprenoids and phenylpropanoids are part of the antioxidant defense orchestrated daily by droughtâ€stressed <scp>P</scp>latanusÂÂ—Âacerifolia plants during Mediterranean summers. New Phytologist, 2015, 207, 613-626.	3.5	127
4	Role of Vegetation as a Mitigating Factor in the Urban Context. Sustainability, 2020, 12, 4247.	1.6	79
5	Real-Scale Integral Valorization of Waste Orange Peel via Hydrodynamic Cavitation. Processes, 2019, 7, 581.	1.3	68
6	Grape Ripening Is Regulated by Deficit Irrigation/Elevated Temperatures According to Cluster Position in the Canopy. Frontiers in Plant Science, 2016, 7, 1640.	1.7	57
7	UV radiation promotes flavonoid biosynthesis, while negatively affecting the biosynthesis and the de-epoxidation of xanthophylls: Consequence for photoprotection?. Environmental and Experimental Botany, 2016, 127, 14-25.	2.0	49
8	Abscisic Acid Biosynthesis and Signaling in Plants: Key Targets to Improve Water Use Efficiency and Drought Tolerance. Applied Sciences (Switzerland), 2020, 10, 6322.	1.3	44
9	Dissecting molecular and physiological response mechanisms to high solar radiation in cyanic and acyanic leaves: a case study on red and green basil. Journal of Experimental Botany, 2017, 68, 2425-2437.	2.4	42
10	Characterisation and Antioxidant Activity of Crude Extract and Polyphenolic Rich Fractions from C. incanus Leaves. International Journal of Molecular Sciences, 2016, 17, 1344.	1.8	36
11	Physiological significance of isoprenoids and phenylpropanoids in drought response of Arundinoideae species with contrasting habitats and metabolism. Plant, Cell and Environment, 2016, 39, 2185-2197.	2.8	32
12	Dynamic changes in ABA content in water-stressed Populus nigra: effects on carbon fixation and soluble carbohydrates. Annals of Botany, 2019, 124, 627-643.	1.4	31
13	Seasonal and Diurnal Variation in Leaf Phenolics of Three Medicinal Mediterranean Wild Species: What Is the Best Harvesting Moment to Obtain the Richest and the Most Antioxidant Extracts?. Molecules, 2020, 25, 956.	1.7	29
14	De Novo Assembly and Comparative Transcriptome Analyses of Red and Green Morphs of Sweet Basil Grown in Full Sunlight. PLoS ONE, 2016, 11, e0160370.	1.1	25
15	Phenotypic differences determine drought stress responses in ecotypes of Arundo donax adapted to different environments. Journal of Experimental Botany, 2017, 68, 2439-2451.	2.4	23
16	Metabolic plasticity in the hygrophyte Moringa oleifera exposed to water stress. Tree Physiology, 2018, 38, 1640-1654.	1.4	20
17	Short-Term Pre-Harvest UV-B Supplement Enhances the Polyphenol Content and Antioxidant Capacity of Ocimum basilicum Leaves during Storage. Plants, 2020, 9, 797.	1.6	19
18	Reprint of: Growing healthy food under heavy metal pollution load: Overview and major challenges of tree based edible landscapes. Urban Forestry and Urban Greening, 2019, 45, 126292.	2.3	15

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19	Changes in abscisic acid content during and after drought are related to carbohydrate mobilization and hydraulic recovery in poplar stems. Tree Physiology, 2020, 40, 1043-1057.	1.4	15
20	Phenolic Compounds from Leaves and Flowers of Hibiscus roseus: Potential Skin Cosmetic Applications of an Under-Investigated Species. Plants, 2021, 10, 522.	1.6	15
21	Seasonal and daily variations in primary and secondary metabolism of three maquis shrubs unveil different adaptive responses to Mediterranean climate. , 2019, 7, coz070.		13
22	Photoprotective Role of Photosynthetic and Non-Photosynthetic Pigments in Phillyrea latifolia: Is Their â€œAntioxidantâ€•Function Prominent in Leaves Exposed to Severe Summer Drought?. International Journal of Molecular Sciences, 2021, 22, 8303.	1.8	11
23	Phellem Cell-Wall Components Are Discriminants of Cork Quality in Quercus suber. Frontiers in Plant Science, 2019, 10, 944.	1.7	10
24	Aspergillus flavus as a Model System to Test the Biological Activity of Botanicals: An Example on Citrullus colocynthis L. Schrad. Organic Extracts. Toxins, 2019, 11, 286.	1.5	10
25	Optimization of a Green Ultrasound-Assisted Extraction of Different Polyphenols from Pistacia lentiscus L. Leaves Using a Response Surface Methodology. Plants, 2020, 9, 1482.	1.6	10
26	Ethyl acetate extract from Cistus x incanus L.Âleaves enriched in myricetin and quercetin derivatives, inhibits inflammatory mediators and activates Nrf2/HO-1 pathway in LPS-stimulated RAW 264.7 macrophages. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2021, 76, 79-86.	0.6	8
27	Dissecting Adaptation Mechanisms to Contrasting Solar Irradiance in the Mediterranean Shrub Cistus incanus. International Journal of Molecular Sciences, 2019, 20, 3599.	1.8	7
28	Growing healthy food under heavy metal pollution load: Overview and major challenges of tree based edible landscapes. Urban Forestry and Urban Greening, 2019, 38, 403-406.	2.3	7
29	Improving Air Quality by Nitric Oxide Consumption of Climate-Resilient Trees Suitable for Urban Greening. Frontiers in Plant Science, 2020, 11, 549913.	1.7	7
30	Coordination of Morpho-Physiological and Metabolic Traits of Cistus incanus L. to Overcome Heatwave-Associated Summer Drought: A Two-Year On-Site Field Study. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	6
31	Polyphenols and terpenes in Mediterranean plants: an overview of their roles and possible applications. Italus Hortus, 2021, 28, 3.	0.5	5
32	Phenotypic plasticity of two M. oleifera ecotypes from different climatic zones under water stress and re-watering. , 2020, 8, coaa028.		4
33	Comparison between Fermentation and Ultrasound-Assisted Extraction: Which Is the Most Efficient Method to Obtain Antioxidant Polyphenols from Sambucus nigra and Punica granatum Fruits?. Horticulturae, 2021, 7, 386.	1.2	3
34	An Improvement of SPME-Based Sampling Technique to Collect Volatile Organic Compounds from Quercus ilex at the Environmental Level. Metabolites, 2021, 11, 388.	1.3	2
35	Widespread holm oak dieback in Mediterranean forests: the roles of carbon stress and hydraulic failure under recurrent drought events. , 0, , .		0
36	Coordination of morpho-physiological and metabolic traits of C. incanus to overcome heatwave-associated summer drought: a two-year on-site field study. , 0, , .		0

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37	Optimization of ultrasound-assisted extraction of Pistacia lentiscus L. leaves in a green way to obtain the highest content of polyphenols using a response surface methodology. , 0, , .		0