Chiara Amitrano

List of Publications by Year
in descending order

20 papers	323 citations	1039880 9 h-index	887953 17 g-index
28 all docs	28 docs citations	28 times ranked	334 citing authors

#	Article	IF	Citations
1	Changes in Morpho-Anatomical and Eco-Physiological Responses of Viburnum tinus L. var lucidum as Modulated by Sodium Chloride and Calcium Chloride Salinization. Horticulturae, 2022, 8, 119.	1.2	3
2	Light Quality Modulates Photosynthesis and Antioxidant Properties of B. vulgaris L. Plants from Seeds Irradiated with High-Energy Heavy Ions: Implications for Cultivation in Space. Plants, 2022, 11, 1816.	1.6	4
3	Modulating Vapor Pressure Deficit in the Plant Micro-Environment May Enhance the Bioactive Value of Lettuce. Horticulturae, 2021, 7, 32.	1.2	12
4	Anthocyanins Are Key Regulators of Drought Stress Tolerance in Tobacco. Biology, 2021, 10, 139.	1.3	59
5	Counteracting the Negative Effects of Copper Limitations Through the Biostimulatory Action of a Tropical Plant Extract in Grapevine Under Pedo-Climatic Constraints. Frontiers in Environmental Science, 2021, 9, .	1.5	8
6	Facing metal stress by multiple strategies: morphophysiological responses of cardoon (Cynara) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 37616-37626.	2.7	8
7	Leaf morpho-anatomical traits in Vigna radiata L. affect plant photosynthetic acclimation to changing vapor pressure deficit. Environmental and Experimental Botany, 2021, 186, 104453.	2.0	22
8	Reducing the Evaporative Demand Improves Photosynthesis and Water Use Efficiency of Indoor Cultivated Lettuce. Agronomy, 2021, 11, 1396.	1.3	17
9	Effect of light quality and ionising radiation on morphological and nutraceutical traits of sprouts for astronautsâ€™ diet. Acta Astronautica, 2021, 185, 188-197.	1.7	13
10	Comparative Analysis of the Effect of Carbon- and Titanium-Ions Irradiation on Morpho-Anatomical and Biochemical Traits of Dolichos melanophthalmus DC. Seedlings Aimed to Space Exploration. Plants, 2021, 10, 2272.	1.6	9
11	Effects of NaCl and CaCl2 Salinization on Morpho-Anatomical and Physiological Traits of Potted Callistemon citrinus Plants. Forests, 2021, 12, 1666.	0.9	5
12	Dust accumulation due to anthropogenic impact induces anatomical and photochemical changes in leaves of Centranthus ruber growing on the slope of the Vesuvius volcano. Plant Biology, 2020, 22, 93-102.	1.8	14
13	Light and Low Relative Humidity Increase Antioxidants Content in Mung Bean (Vigna radiata L.) Sprouts. Plants, 2020, 9, 1093.	1.6	10
14	Crop Management in Controlled Environment Agriculture (CEA) Systems Using Predictive Mathematical Models. Sensors, 2020, 20, 3110.	2.1	14
15	Vapour pressure deficit: The hidden driver behind plant morphofunctional traits in controlled environments. Annals of Applied Biology, 2019, 175, 313-325.	1.3	41
16	Retrospective Reconstruction of the Ecophysiological Grapevine Behaviour Through the Analysis of Tree-Ring Series to Validate an Approach to Extract Data From Space-Born and UAV Techniques. , 2019, , .		4
17	Application of a MEC model for the irrigation control in green and red-leaved lettuce in precision indoor cultivation. , 2019, , .		1
18	Performance of three cardoon cultivars in an industrial heavy metal-contaminated soil: Effects on morphology, cytology and photosynthesis. Journal of Hazardous Materials, 2018, 351, 131-137.	6.5	59

#	Article	IF	Citations
19	Ecophysiological response of Jania rubens (Corallinaceae) to ocean acidification. Rendiconti Lincei, 2018, 29, 543-546.	1.0	10
20	Light Fertilization Affects Growth and Photosynthesis in Mung Bean (Vigna radiata) Plants. Journal of Environmental Accounting and Management, 2018, 6, 295-304.	0.3	9