

# Chiara Amitrano

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

323  
citations

1039406

9  
h-index

887659

17  
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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 <i>Viburnum tinus</i> L. var <i>lucidum</i> as Modulated by Sodium Chloride and Calcium Chloride Salinization. <i>Horticulturae</i> , 2022, 8, 119.	1.2	3
2	Light Quality Modulates Photosynthesis and Antioxidant Properties of <i>B. vulgaris</i> L. Plants from Seeds Irradiated with High-Energy Heavy Ions: Implications for Cultivation in Space. <i>Plants</i> , 2022, 11, 1816.	1.6	4
3	Modulating Vapor Pressure Deficit in the Plant Micro-Environment May Enhance the Bioactive Value of Lettuce. <i>Horticulturae</i> , 2021, 7, 32.	1.2	12
4	Anthocyanins Are Key Regulators of Drought Stress Tolerance in Tobacco. <i>Biology</i> , 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. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	8
6	Facing metal stress by multiple strategies: morphophysiological responses of cardoon ( <i>Cynara</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 37616-37626.	2.7	8
7	Leaf morpho-anatomical traits in <i>Vigna radiata</i> L. affect plant photosynthetic acclimation to changing vapor pressure deficit. <i>Environmental and Experimental Botany</i> , 2021, 186, 104453.	2.0	22
8	Reducing the Evaporative Demand Improves Photosynthesis and Water Use Efficiency of Indoor Cultivated Lettuce. <i>Agronomy</i> , 2021, 11, 1396.	1.3	17
9	Effect of light quality and ionising radiation on morphological and nutraceutical traits of sprouts for astronautsâ€™ diet. <i>Acta Astronautica</i> , 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 <i>Dolichos melanophthalmus</i> DC. Seedlings Aimed to Space Exploration. <i>Plants</i> , 2021, 10, 2272.	1.6	9
11	Effects of NaCl and CaCl <sub>2</sub> Salinization on Morpho-Anatomical and Physiological Traits of Potted <i>Callistemon citrinus</i> Plants. <i>Forests</i> , 2021, 12, 1666.	0.9	5
12	Dust accumulation due to anthropogenic impact induces anatomical and photochemical changes in leaves of <i>Centranthus ruber</i> growing on the slope of the Vesuvius volcano. <i>Plant Biology</i> , 2020, 22, 93-102.	1.8	14
13	Light and Low Relative Humidity Increase Antioxidants Content in Mung Bean ( <i>Vigna radiata</i> L.) Sprouts. <i>Plants</i> , 2020, 9, 1093.	1.6	10
14	Crop Management in Controlled Environment Agriculture (CEA) Systems Using Predictive Mathematical Models. <i>Sensors</i> , 2020, 20, 3110.	2.1	14
15	Vapour pressure deficit: The hidden driver behind plant morphofunctional traits in controlled environments. <i>Annals of Applied Biology</i> , 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. <i>Journal of Hazardous Materials</i> , 2018, 351, 131-137.	6.5	59

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