

Carmelina Spano'

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

617
citations

759233
12
h-index

580821
25
g-index

25
all docs

25
docs citations

25
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the interaction between polystyrene nanoplastics and <i>Allium cepa</i> during germination: Internalization in root cells, induction of toxicity and oxidative stress. <i>Plant Physiology and Biochemistry</i> , 2020, 149, 170-177.	5.8	199
2	Root responses to different types of TiO ₂ nanoparticles and bulk counterpart in plant model system <i>Vicia faba</i> L.. <i>Environmental and Experimental Botany</i> , 2016, 130, 11-21.	4.2	57
3	Polystyrene nanoplastics affect seed germination, cell biology and physiology of rice seedlings in-short term treatments: Evidence of their internalization and translocation. <i>Plant Physiology and Biochemistry</i> , 2022, 172, 158-166.	5.8	43
4	Response of <i>Pteris vittata</i> to different cadmium treatments. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 767-775.	2.1	39
5	An integrated approach to highlight biological responses of <i>Pisum sativum</i> root to nano-TiO ₂ exposure in a biosolid-amended agricultural soil. <i>Science of the Total Environment</i> , 2019, 650, 2705-2716.	8.0	36
6	TiO ₂ nanoparticles in a biosolid-amended soil and their implication in soil nutrients, microorganisms and <i>Pisum sativum</i> nutrition. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110095.	6.0	29
7	RNases and nucleases in embryos and endosperms from naturally aged wheat seeds stored in different conditions. <i>Journal of Plant Physiology</i> , 2007, 164, 487-495.	3.5	24
8	Phytochemicals and antioxidant capacity in four Italian traditional maize (<i>Zea mays</i> L.) varieties. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 515-524.	2.8	21
9	<i>Anthemis maritima</i> L. in different coastal habitats: A tool to explore plant plasticity. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 129, 105-111.	2.1	19
10	<i>Calystegia soldanella</i> : dune versus laboratory plants to highlight key adaptive physiological traits. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 1329-1336.	2.1	18
11	TiO ₂ nanoparticles may alleviate cadmium toxicity in co-treatment experiments on the model hydrophyte <i>Azolla filiculoides</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 29872-29882.	5.3	16
12	Ageing in embryos from wheat grains stored at different temperatures: oxidative stress and antioxidant response. <i>Functional Plant Biology</i> , 2011, 38, 624.	2.1	13
13	Plant adaptation to extreme environments: The example of <i>Cistus salviifolius</i> of an active geothermal alteration field. <i>Comptes Rendus - Biologies</i> , 2014, 337, 101-110.	0.2	13
14	Responses to desiccation injury in developing wheat embryos from naturally- and artificially-dried grains. <i>Plant Physiology and Biochemistry</i> , 2011, 49, 363-367.	5.8	12
15	Aerobic environment ensures viability and anti-oxidant capacity when seeds are wet with negative effect when moist: implications for persistence in the soil. <i>Seed Science Research</i> , 2018, 28, 16-23.	1.7	11
16	Ribonucleases during cold acclimation in winter and spring wheats. <i>Plant Science</i> , 2002, 162, 809-815.	3.6	10
17	Durum wheat seedlings in saline conditions: Salt spray versus root-zone salinity. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 169, 173-181.	2.1	10
18	Synchrotron Radiation Spectroscopy and Transmission Electron Microscopy Techniques to Evaluate TiO ₂ NPs Incorporation, Speciation, and Impact on Root Cells Ultrastructure of <i>Pisum sativum</i> L. Plants. <i>Nanomaterials</i> , 2021, 11, 921.	4.1	10

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19	Seasonal and microclimatic influences on the ecophysiology of Mediterranean coastal dune plants. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 219, 317-327.	2.1	8
20	Indole-3-acetic acid metabolism and growth in young kiwifruit berry. <i>Plant Growth Regulation</i> , 2017, 82, 505-515.	3.4	6
21	Modulation of the defence responses against Cd in willow species through a multifaceted analysis. <i>Plant Physiology and Biochemistry</i> , 2019, 142, 125-136.	5.8	6
22	Study of functional and physiological response of co-occurring shrub species to the Mediterranean climate. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1668-1675.	3.8	6
23	Ribonucleases during ripening and after-ripening in <i>Triticum durum</i> embryos. <i>Journal of Plant Physiology</i> , 2002, 159, 935-937.	3.5	4
24	Stress-induced changes to the flora in a geothermal field in central Italy. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	4
25	Morpho-anatomical and physiological traits of <i>Agrostis castellana</i> living in an active geothermal alteration field. <i>Biologia (Poland)</i> , 2015, 70, 744-752.	1.5	3