

Carmelina Spano

List of Publications by Year in Descending Order

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Version: 2024-04-18

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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.

25
papers

343
citations

10
h-index

18
g-index

25
ext. papers

467
ext. citations

4
avg, IF

3.66
L-index

#	Paper	IF	Citations
25	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	5.4	3
24	Synchrotron Radiation Spectroscopy and Transmission Electron Microscopy Techniques to Evaluate TiO NPs Incorporation, Speciation, and Impact on Root Cells Ultrastructure of L. Plants. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
23	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	5.4	64
22	TiO 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	7	16
21	Seasonal and microclimatic influences on the ecophysiology of Mediterranean coastal dune plants. <i>Estuarine, Coastal and Shelf Science</i> , 2019 , 219, 317-327	2.9	4
20	TiO 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	5.1	7
19	Modulation of the defence responses against Cd in willow species through a multifaceted analysis. <i>Plant Physiology and Biochemistry</i> , 2019 , 142, 125-136	5.4	4
18	An integrated approach to highlight biological responses of <i>Pisum sativum</i> root to nano-TiO exposure in a biosolid-amended agricultural soil. <i>Science of the Total Environment</i> , 2019 , 650, 2705-2716	10.2	22
17	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	4	4
16	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	1.3	5
15	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	3.7	17
14	Indole-3-acetic acid metabolism and growth in young kiwifruit berry. <i>Plant Growth Regulation</i> , 2017 , 82, 505-515	3.2	3
13	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	5.9	52
12	Durum wheat seedlings in saline conditions: Salt spray versus root-zone salinity. <i>Estuarine, Coastal and Shelf Science</i> , 2016 , 169, 173-181	2.9	7
11	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	2
10	Stress-induced changes to the flora in a geothermal field in central Italy. <i>Acta Physiologiae Plantarum</i> , 2015 , 37, 1	2.6	2
9	Response of <i>Pteris vittata</i> to different cadmium treatments. <i>Acta Physiologiae Plantarum</i> , 2014 , 36, 767-775	3.75	33

8	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, 101-10	1.4	8
7	<i>Calystegia soldanella</i> : dune versus laboratory plants to highlight key adaptive physiological traits. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 1329-1336	2.6	16
6	<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	2.9	17
5	Ageing in embryos from wheat grains stored at different temperatures: oxidative stress and antioxidant response. <i>Functional Plant Biology</i> , 2011 , 38, 624-631	2.7	7
4	Responses to desiccation injury in developing wheat embryos from naturally- and artificially-dried grains. <i>Plant Physiology and Biochemistry</i> , 2011 , 49, 363-7	5.4	12
3	RNases and nucleases in embryos and endosperms from naturally aged wheat seeds stored in different conditions. <i>Journal of Plant Physiology</i> , 2007 , 164, 487-95	3.6	21
2	Ribonucleases during ripening and after-ripening in <i>Triticum durum</i> embryos. <i>Journal of Plant Physiology</i> , 2002 , 159, 935-937	3.6	4
1	Ribonucleases during cold acclimation in winter and spring wheats. <i>Plant Science</i> , 2002 , 162, 809-815	5.3	9