

Carmelina SpanÃ²

List of Publications by Year in descending order

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#	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	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
3	Response of <i>Pteris vittata</i> to different cadmium treatments. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 767-775.	2.1	39
4	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
5	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
6	<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
7	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
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, 101-110.	0.2	13
9	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
10	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
11	Effect of Zinc Priming on Salt Response of Wheat Seedlings: Relieving or Worsening?. <i>Plants</i> , 2020, 9, 1514.	3.5	10
12	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. <i>Plants. Nanomaterials</i> , 2021, 11, 921.	4.1	10
13	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
14	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
15	Stress-induced changes to the flora in a geothermal field in central Italy. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	4
16	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