Carmelina SpanÃ²

List of Publications by Year
in descending order

16 papers	453 citations	1040056 9 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	444 citing authors

#	Article	IF	Citations
1	Polystyrene nanoplastics affect seed germination, cell biology and physiology of rice seedlings in-short term treatments: Evidence of their internalization and translocation. Plant Physiology and Biochemistry, 2022, 172, 158-166.	5.8	43
2	Synchrotron Radiation Spectroscopy and Transmission Electron Microscopy Techniques to Evaluate TiO2 NPs Incorporation, Speciation, and Impact on Root Cells Ultrastructure of Pisum sativum L. Plants. Nanomaterials, 2021, 11, 921.	4.1	10
3	TiO2 nanoparticles in a biosolid-amended soil and their implication in soil nutrients, microorganisms and Pisum sativum nutrition. Ecotoxicology and Environmental Safety, 2020, 190, 110095.	6.0	29
4	Effect of Zinc Priming on Salt Response of Wheat Seedlings: Relieving or Worsening?. Plants, 2020, 9, 1514.	3.5	10
5	Exploring the interaction between polystyrene nanoplastics and Allium cepa during germination: Internalization in root cells, induction of toxicity and oxidative stress. Plant Physiology and Biochemistry, 2020, 149, 170-177.	5.8	199
6	TiO2 nanoparticles may alleviate cadmium toxicity in co-treatment experiments on the model hydrophyte Azolla filiculoides. Environmental Science and Pollution Research, 2019, 26, 29872-29882.	5.3	16
7	Modulation of the defence responses against Cd in willow species through a multifaceted analysis. Plant Physiology and Biochemistry, 2019, 142, 125-136.	5.8	6
8	An integrated approach to highlight biological responses of Pisum sativum root to nano-TiO2 exposure in a biosolid-amended agricultural soil. Science of the Total Environment, 2019, 650, 2705-2716.	8.0	36
9	Study of functional and physiological response of co-occurring shrub species to the Mediterranean climate. Saudi Journal of Biological Sciences, 2019, 26, 1668-1675.	3.8	6
10	Aerobic environment ensures viability and anti-oxidant capacity when seeds are wet with negative effect when moist: implications for persistence in the soil. Seed Science Research, 2018, 28, 16-23.	1.7	11
11	Durum wheat seedlings in saline conditions: Salt spray versus root-zone salinity. Estuarine, Coastal and Shelf Science, 2016, 169, 173-181.	2.1	10
12	Morpho-anatomical and physiological traits of Agrostis castellana living in an active geothermal alteration field. Biologia (Poland), 2015, 70, 744-752.	1.5	3
13	Stress-induced changes to the flora in a geothermal field in central Italy. Acta Physiologiae Plantarum, 2015, 37, 1.	2.1	4
14	Response of Pteris vittata to different cadmium treatments. Acta Physiologiae Plantarum, 2014, 36, 767-775.	2.1	39
15	Plant adaptation to extreme environments: The example of Cistus salviifolius of an active geothermal alteration field. Comptes Rendus - Biologies, 2014, 337, 101-110.	0.2	13
16	Calystegia soldanella: dune versus laboratory plants to highlight key adaptive physiological traits. Acta Physiologiae Plantarum, 2013, 35, 1329-1336.	2.1	18