

Ana Pelacho

List of Publications by Year in descending order

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24
papers

1,567
citations

516681

16
h-index

642715

23
g-index

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all docs

24
docs citations

24
times ranked

1463
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable Plastic Mulch Films: Impacts on Soil Microbial Communities and Ecosystem Functions. <i>Frontiers in Microbiology</i> , 2018, 9, 819.	3.5	277
2	Critical evaluation of strategies for mineral fortification of staple food crops. <i>Transgenic Research</i> , 2010, 19, 165-180.	2.4	236
3	Transgenic strategies for the nutritional enhancement of plants. <i>Trends in Plant Science</i> , 2007, 12, 548-555.	8.8	232
4	Biodegradable plastic mulches: Impact on the agricultural biotic environment. <i>Science of the Total Environment</i> , 2021, 750, 141228.	8.0	161
5	Jasmonic Acid Induces Tuberation of Potato Stolons Cultured <i>in Vitro</i> . <i>Plant Physiology</i> , 1991, 97, 1253-1255.	4.8	115
6	The genetic manipulation of medicinal and aromatic plants. <i>Plant Cell Reports</i> , 2007, 26, 1689-1715.	5.6	112
7	Biodegradable mulch instead of polyethylene for weed control of processing tomato production. <i>Agronomy for Sustainable Development</i> , 2012, 32, 889-897.	5.3	61
8	Degradation of agricultural biodegradable plastics in the soil under laboratory conditions. <i>Soil Research</i> , 2016, 54, 216.	1.1	51
9	Application of an <i>in vitro</i> plant ecotoxicity test to unused biodegradable mulches. <i>Polymer Degradation and Stability</i> , 2018, 158, 102-110.	5.8	44
10	An <i>in vitro</i> crop plant ecotoxicity test for agricultural bioplastic constituents. <i>Polymer Degradation and Stability</i> , 2014, 108, 250-256.	5.8	43
11	Can anaerobic digestion be a suitable end-of-life scenario for biodegradable plastics? A critical review of the current situation, hurdles, and challenges. <i>Biotechnology Advances</i> , 2022, 56, 107916.	11.7	42
12	Constitutive expression of a barley Fe phyto siderophore transporter increases alkaline soil tolerance and results in iron partitioning between vegetative and storage tissues under stress. <i>Plant Physiology and Biochemistry</i> , 2012, 53, 46-53.	5.8	33
13	Above-soil and in-soil degradation of oxo- and bio-degradable mulches: a qualitative approach. <i>Soil Research</i> , 2016, 54, 225.	1.1	27
14	Compounds released from unused biodegradable mulch materials after contact with water. <i>Polymer Degradation and Stability</i> , 2020, 178, 109202.	5.8	26
15	Amyloplast division in kinetin induced potato tubers. <i>Plant Science</i> , 1991, 73, 211-217.	3.6	20
16	Effects of photoperiod on kinetin-induced tuberization of isolated potato stolons cultured <i>in vitro</i> . <i>American Potato Journal</i> , 1991, 68, 533-541.	0.3	17
17	Transcriptional regulation of the rice arginine decarboxylase (<i>Adc1</i>) and <i>S</i> -adenosylmethionine decarboxylase (<i>Samdc</i>) genes by methyl jasmonate. <i>Plant Physiology and Biochemistry</i> , 2010, 48, 553-559.	5.8	14
18	Jasmonates promote cabbage (<i>Brassica oleracea</i> L. var <i>Capitata</i> L.) root and shoot development. <i>Plant and Soil</i> , 2003, 255, 77-83.	3.7	13

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19	Prevalence of pesticides in postconsumer agrochemical polymeric packaging. Science of the Total Environment, 2017, 580, 1530-1538.	8.0	13
20	In vitro Tuberization of Potato: Effect of Several Morphogenic Regulators in Light and Darkness. Journal of Plant Physiology, 1994, 144, 705-709.	3.5	12
21	Hormonal effects on phyllotaxis of Euphorbia lathyris L.. Botanical Magazine, 1984, 97, 171-178.	0.6	7
22	In vitro induction of potato tuberization by organic acids. Potato Research, 1999, 42, 585-591.	2.7	4
23	An <i>in vitro</i> tuberization bioassay to assess maturity class of new potato clones. Journal of Horticultural Science and Biotechnology, 2000, 75, 733-738.	1.9	4
24	Root Development in In Vitro Potato Explants as Affected by Jasmonic Acid. , 1997, , 141-145.		3