Fernando A Piotto

List of Publications by Year
in descending order

31 papers	847 citations	516710 16 h-index	526287 27 g-index
31 all docs	31 docs citations	31 times ranked	986 citing authors

#	Article	IF	Citations
1	Tolerance of tomato to cadmium-induced stress: analyzing cultivars with different fruit colors. Environmental Science and Pollution Research, 2021, 28, 26172-26181.	5.3	1
2	The auxin-producing Bacillus thuringiensis RZ2MS9 promotes the growth and modifies the root architecture of tomato (Solanum lycopersicum cv. Micro-Tom). Archives of Microbiology, 2021, 203, 3869-3882.	2.2	49
3	Comparative phosphoproteomic analysis of tomato genotypes with contrasting cadmium tolerance. Plant Cell Reports, 2021, 40, 2001-2008.	5.6	7
4	Cadmium-induced transgenerational effects on tomato plants: A gift from parents to progenies. Science of the Total Environment, 2021, 789, 147885.	8.0	26
5	Antioxidant performance and aluminum accumulation in two genotypes of Solanum lycopersicum in response to low pH and aluminum availability and under their combined stress. Scientia Horticulturae, 2020, 259, 108813.	3.6	4
6	Lysine metabolism and amino acid profile in maize grains from plants subjected to cadmium exposure. Scientia Agricola, 2020, 77, .	1.2	15
7	Cadmium toxicity and its relationship with disturbances in the cytoskeleton, cell cycle and chromosome stability. Ecotoxicology, 2019, 28, 1046-1055.	2.4	26
8	Antioxidant Defense Response in Plants to Cadmium Stress. , 2019, , 423-461.		11
9	Relationship between Mg, B and Mn status and tomato tolerance against Cd toxicity. Journal of Environmental Management, 2019, 240, 84-92.	7.8	30
10	New insights about cadmium impacts on tomato: Plant acclimation, nutritional changes, fruit quality and yield. Food and Energy Security, 2018, 7, e00131.	4.3	31
11	Cadmium exposure triggers genotype-dependent changes in seed vigor and germination of tomato offspring. Protoplasma, 2018, 255, 989-999.	2.1	33
12	Temporal dynamic responses of roots in contrasting tomato genotypes to cadmium tolerance. Ecotoxicology, 2018, 27, 245-258.	2.4	53
13	Cadmium toxicity degree on tomato development is associated with disbalances in B and Mn status at early stages of plant exposure. Ecotoxicology, 2018, 27, 1293-1302.	2.4	24
14	Estimating tomato tolerance to heavy metal toxicity: cadmium as study case. Environmental Science and Pollution Research, 2018, 25, 27535-27544.	5.3	46
15	Genotype x Environment interaction, stability, and adaptability in progenies of Eucalyptus urophylla S.T. BLAKE using the AMMI model. Silvae Genetica, 2018, 67, 51-56.	0.8	9
16	Physiological and biochemical responses of Dolichos lablab L. to cadmium support its potential as a cadmium phytoremediator. Journal of Soils and Sediments, 2017, 17, 1413-1426.	3.0	12
17	Temporal dynamics of the response to Al stress in Eucalyptus grandis Ã— Eucalyptus camaldulensis. Anais Da Academia Brasileira De Ciencias, 2015, 87, 1063-1070.	0.8	7
18	Antioxidant enzymes activities of Burkholderia spp. strainsâ€"oxidative responses to Ni toxicity. Environmental Science and Pollution Research, 2015, 22, 19922-19932.	5.3	31

#	Article	IF	Citations
19	Rapid screening for selection of heavy metal-tolerant plants. Crop Breeding and Applied Biotechnology, 2014, 14, 1-7.	0.4	16
20	Burkholderia sp. SCMS54 Triggers a Global Stress Defense in Tomato Enhancing Cadmium Tolerance. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	25
21	Burkholderia sp. <scp>SCMS54</scp> reduces cadmium toxicity and promotes growth in tomato. Annals of Applied Biology, 2013, 163, 494-507.	2.5	39
22	Interspecific xenia and metaxenia in seeds and fruits of tomato. Scientia Agricola, 2013, 70, 102-107.	1.2	16
23	Use of non-hyperaccumulator plant species for the phytoextraction of heavy metals using chelating agents. Scientia Agricola, 2013, 70, 290-295.	1.2	94
24	MT BB: tomato cultivar for practical classes of plant genetics and breeding. Crop Breeding and Applied Biotechnology, 2013, 13, 371-372.	0.4	0
25	Biochemical dissection of diageotropica and Never ripe tomato mutants to Cd-stressful conditions. Plant Physiology and Biochemistry, 2012, 56, 79-96.	5.8	153
26	Base genÃ©tica do hÃ¡bito de crescimento e florescimento em tomateiro e sua importÃ¢ncia na agricultura. Ciencia Rural, 2012, 42, 1941-1946.	0.5	10
27	Anatomical analysis of peach palm (Bactris gasipaes) leaves cultivated in vitro, ex vitro and in vivo. Revista Brasileira De Botanica, 2012, 35, 71-78.	1.3	16
28	Processos evolutivos e a origem das plantas cultivadas. Ciencia Rural, 2011, 41, 1218-1228.	0.5	6
29	Seed priming with hormones does not alleviate induced oxidative stress in maize seedlings subjected to salt stress. Scientia Agricola, 2011, 68, 598-602.	1.2	36
30	Genetic divergence is not the same as phenotypic divergence. Molecular Breeding, 2011, 28, 277-280.	2.1	21
31	Influence of the Potato Production System in the Soil Suppressiveness to Bacterial Wilt. Asian Journal of Soil Science and Plant Nutrition, 0, , 1-11.	0.2	0