Antonio Pompeiano

List of Publications by Year
in descending order

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47 papers	961 citations	471509 17 h-index	501196 28 g-index
49 all docs	49 docs citations	49 times ranked	1531 citing authors

#	Article	IF	Citations
1	Changes of primary and secondary metabolites in barley plants exposed to CdO nanoparticles. Environmental Pollution, 2016, 218, 207-218.	7.5	107
2	Substrate mechanics controls adipogenesis through YAP phosphorylation by dictating cell spreading. Biomaterials, 2019, 205, 64-80.	11.4	72
3	Seasonal and inter-annual dynamics of growth, non-structural carbohydrates and C stable isotopes in a Mediterranean beech forest. Tree Physiology, 2013, 33, 730-742.	3.1	63
4	Volatile organic compounds in truffle (Tuber magnatum Pico): comparison of samples from different regions of Italy and from different seasons. Scientific Reports, 2015, 5, 12629.	3.3	61
5	The efficient physiological strategy of a tomato landrace in response to short-term salinity stress. Plant Physiology and Biochemistry, 2016, 109, 262-272.	5.8	43
6	Nitrate Reductase Modulation in Response to Changes in C/N Balance and Nitrogen Source in Arabidopsis. Plant and Cell Physiology, 2018, 59, 1248-1254.	3.1	43
7	Allocation pattern, ion partitioning, and chlorophyll a fluorescence in Arundo donax L. in responses to salinity stress. Plant Biosystems, 2017, 151, 613-622.	1.6	35
8	Plant growth retardants (PGRs) affect growth and secondary metabolite biosynthesis in Stevia rebaudiana Bertoni under drought stress. South African Journal of Botany, 2019, 121, 394-401.	2.5	33
9	YAPâ€“TEAD1 control of cytoskeleton dynamics and intracellular tension guides human pluripotent stem cell mesoderm specification. Cell Death and Differentiation, 2021, 28, 1193-1207.	11.2	33
10	Growth responses and physiological traits of seashore paspalum subjected to short-term salinity stress and recovery. Agricultural Water Management, 2016, 163, 57-65.	5.6	30
11	Intraspecific variation of cuticular hydrocarbon profiles in the <scp>A</scp>nastrepha fraterculus (<scp>D</scp>iptera: <scp>T</scp>ephritidae) species complex. Journal of Applied Entomology, 2015, 139, 679-689.	1.8	29
12	Salinity in Autumn-Winter Season and Fruit Quality of Tomato Landraces. Frontiers in Plant Science, 2019, 10, 1078.	3.6	29
13	Freeze tolerance and physiological changes during cold acclimation of giant reed [<scp>A</scp>rundo donax (<scp>L</scp>.)]. Grass and Forage Science, 2015, 70, 168-175.	2.9	25
14	Use of soil enzyme activities to assess the recovery of soil functions in abandoned coppice forest systems. Science of the Total Environment, 2019, 694, 133692.	8.0	25
15	Cuticular hydrocarbons corroborate the distinction between lowland and highland Natal fruit fly (Tephritidae, Ceratitis rosa) populations. ZooKeys, 2015, 540, 507-524.	1.1	22
16	Photosynthetic and Growth Responses of Arundo donax L. Plantlets Under Different Oxygen Deficiency Stresses and Reoxygenation. Frontiers in Plant Science, 2019, 10, 408.	3.6	20
17	Response of warmâ€“season grasses to N fertilization and salinity. Scientia Horticulturae, 2014, 177, 92-98.	3.6	19
18	Opposing Effects of External Gibberellin and Daminozide on Stevia Growth and Metabolites. Applied Biochemistry and Biotechnology, 2015, 175, 780-791.	2.9	18

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19	Amylolytic activity and carbohydrate levels in relation to coleoptile anoxic elongation in Oryza sativa genotypes. Journal of Plant Research, 2013, 126, 787-794.	2.4	16
20	Terpenoid profiles of resin in the genus Dracaena are species specific. Phytochemistry, 2020, 170, 112197.	2.9	16
21	Aromatic and proteomic analyses corroborate the distinction between Mediterranean landraces and modern varieties of durum wheat. Scientific Reports, 2016, 6, 34619.	3.3	15
22	Interâ€•and intraspecific variability in physiological traits and postâ€anoxia recovery of photosynthetic efficiency in grasses under oxygen deprivation. Physiologia Plantarum, 2017, 161, 385-399.	5.2	15
23	Characterisation of the chemical profiles of Brazilian and Andean morphotypes belonging to the Anastrepha fraterculus complex (Diptera, Tephritidae). ZooKeys, 2015, 540, 193-209.	1.1	15
24	Evidence for discrete modes of YAP1 signaling via mRNA splice isoforms in development and diseases. Genomics, 2021, 113, 1349-1365.	2.9	14
25	Physiological responses of Lepidium meyenii plants to ultraviolet-B radiation challenge. BMC Plant Biology, 2019, 19, 186.	3.6	13
26	Epicuticular chemistry reinforces the new taxonomic classification of the Bactrocera dorsalis species complex (Diptera: Tephritidae, Dacinae). PLoS ONE, 2017, 12, e0184102.	2.5	13
27	Freeze tolerance ofZoysia matrella(L.) Merrill as affected by late-season nitrogen application, and changes in carbohydrates during cold acclimation. Plant Biosystems, 2011, 145, 885-892.	1.6	12
28	Arundo donax L. response to low oxygen stress. Environmental and Experimental Botany, 2015, 111, 147-154.	4.2	12
29	The positive role of steviol glycosides in stevia (Stevia rebaudiana Bertoni) under drought stress condition. Plant Biosystems, 2016, 150, 1323-1331.	1.6	12
30	Are optical indices good proxies of seasonal changes in carbon fluxes and stress-related physiological status in a beech forest?. Science of the Total Environment, 2018, 612, 1030-1041.	8.0	12
31	Calcineurin inhibitors reduce NFAT-dependent expression of antifungal pentraxin-3 by human monocytes. Journal of Leukocyte Biology, 2020, 107, 497-508.	3.3	11
32	Carbohydrate Metabolism During Wintering Period in Four Zoysiagrass Genotypes. Plant Production Science, 2015, 18, 43-51.	2.0	9
33	Temperature alters susceptibility of Picea abies seedlings to airborne pollutants: The case of CdO nanoparticles. Environmental Pollution, 2019, 253, 646-654.	7.5	8
34	Vegetative Establishment Rate and Stolon Growth Characteristics of 10 Zoysiagrasses in Southern Europe. HortTechnology, 2012, 22, 114-120.	0.9	8
35	Responses in chemical traits and biomass allocation of Arundo donax L. to deficit resources in the establishment year. Chilean Journal of Agricultural Research, 2013, 73, 377-384.	1.1	7
36	Growth and physiological response of Arundo donax L. to controlled drought stress and recovery. Plant Biosystems, 2017, 151, 906-914.	1.6	7

#	Article	IF	Citations
37	Photosynthetic performance of five cool-season turfgrasses under UV-B exposure. Plant Physiology and Biochemistry, 2020, 151, 181-187.	5.8	5
38	ZOYSIAGRASS CULTIVAR ESTABLISHMENT RATE AND TURF QUALITY IN CENTRAL ITALY. Acta Horticulturae, 2010, , 313-316.	0.2	4
39	Seedling Establishment of Tall Fescue Exposed to Long-Term Starvation Stress. PLoS ONE, 2016, 11, e0166131.	2.5	4
40	Carbohydrate metabolism in germinating caryopses of Oryza sativa L. exposed to prolonged anoxia. Journal of Plant Research, 2016, 129, 833-840.	2.4	4
41	Zoysiagrass (Zoysia spp. Willd.) for European Lawns: a Review. Italian Journal of Agronomy, 0, 11, .	1.0	4
42	N source affects freeze tolerance in bermudagrass and zoysiagrass. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2013, 63, 341-351.	0.6	3
43	Growth and root architecture responses of zoysiagrass to changes in fertilizer nitrate : urea ratio. Journal of Plant Nutrition and Soil Science, 2017, 180, 528-534.	1.9	3
44	Targeted volatolomics of human monocytes: Comparison of 2Dâ€GC/TOFâ€MS and 1Dâ€GC/Orbitrapâ€MS methods. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1184, 122975.	2.3	3
45	Carbohydrate content, characterization and localization in bermudagrass stolons during establishment. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2012, 62, 62-69.	0.6	2
46	Zoysiagrass Use and Culture in Europe. Itsrj, 2017, 13, 44.	0.3	2
47	Mapping of MeLiM melanoma combining ICP-MS and MALDI-MSI methods. International Journal of Biological Macromolecules, 2022, 203, 583-592.	7.5	2