

Amodio Fuggi

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,843
citations

331538

21
h-index

315616

38
g-index

42
all docs

42
docs citations

42
times ranked

2329
citing authors

#	ARTICLE	IF	CITATIONS
1	Free amino acids and glycine betaine in leaf osmoregulation of spinach responding to increasing salt stress. <i>New Phytologist</i> , 2003, 158, 455-463.	3.5	207
2	Lignin and cellulose degradation and nitrogen dynamics during decomposition of three leaf litter species in a Mediterranean ecosystem. <i>Soil Biology and Biochemistry</i> , 2005, 37, 1083-1091.	4.2	201
3	Durum wheat seedling responses to simultaneous high light and salinity involve a fine reconfiguration of amino acids and carbohydrate metabolism. <i>Physiologia Plantarum</i> , 2017, 159, 290-312.	2.6	157
4	Durum Wheat Roots Adapt to Salinity Remodeling the Cellular Content of Nitrogen Metabolites and Sucrose. <i>Frontiers in Plant Science</i> , 2016, 7, 2035.	1.7	152
5	Nitrogen metabolism in durum wheat under salinity: accumulation of proline and glycine betaine. <i>Functional Plant Biology</i> , 2008, 35, 412.	1.1	146
6	Nitrate reductase in durum wheat seedlings as affected by nitrate nutrition and salinity. <i>Functional Plant Biology</i> , 2005, 32, 209.	1.1	101
7	Salinity Stress and Salt Tolerance. , 0, , .		96
8	<i>Hordeum vulgare</i> and <i>Hordeum maritimum</i> respond to extended salinity stress displaying different temporal accumulation pattern of metabolites. <i>Functional Plant Biology</i> , 2018, 45, 1096.	1.1	82
9	Potato yield and metabolic profiling under conventional and organic farming. <i>European Journal of Agronomy</i> , 2008, 28, 343-350.	1.9	79
10	Salt-induced accumulation of glycine betaine is inhibited by high light in durum wheat. <i>Functional Plant Biology</i> , 2011, 38, 139.	1.1	48
11	Organic vs. traditional potato powder. <i>Food Chemistry</i> , 2012, 133, 1264-1273.	4.2	46
12	Coumarin inhibits the growth of carrot (<i>Daucus carota</i> L. cv. Saint Valery) cells in suspension culture. <i>Journal of Plant Physiology</i> , 2003, 160, 227-237.	1.6	42
13	Litter-fall and litter decomposition in a low Mediterranean shrubland. <i>Biology and Fertility of Soils</i> , 2003, 39, 37-44.	2.3	37
14	Nitrate and ammonium assimilation in algal cell-suspensions and related pH variations in the external medium, monitored by electrodes. <i>Plant Science Letters</i> , 1981, 23, 129-138.	1.9	36
15	Ttd1a promoter is involved in DNA-protein binding by salt and light stresses. <i>Molecular Biology Reports</i> , 2011, 38, 3787-3794.	1.0	36
16	Polymorphism of a new Ty1-copia retrotransposon in durum wheat under salt and light stresses. <i>Theoretical and Applied Genetics</i> , 2010, 121, 311-322.	1.8	34
17	Studies on utilization of 2-ketoglutarate, glutamate and other amino acids by the unicellular alga <i>Cyanidium caldarium</i> . <i>Archives of Microbiology</i> , 1976, 107, 133-138.	1.0	33
18	Nitrate reductase and glutamine synthetase activities, nitrate and ammonia assimilation, in the unicellular alga <i>Cyanidium caldarium</i> . <i>Archives of Microbiology</i> , 1981, 129, 110-114.	1.0	29

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19	Heterotrophic growth patterns in the unicellular alga <i>Cyanidium caldarium</i> . <i>Archives of Microbiology</i> , 1977, 113, 191-196.	1.0	27
20	Glutamine synthetase activity, ammonia assimilation and control of nitrate reduction in the unicellular red alga <i>Cyanidium caldarium</i> . <i>Archives of Microbiology</i> , 1979, 121, 117-120.	1.0	27
21	Metabolic characterization and antioxidant activity in sweet cherry (<i>Prunus avium</i> L.) Campania accessions. <i>Food Chemistry</i> , 2018, 240, 559-566.	4.2	25
22	Growth and gas exchange response to water shortage of a maize crop on different soil types. <i>Acta Physiologiae Plantarum</i> , 2009, 31, 331-341.	1.0	24
23	An improved fluorimetric HPLC method for quantifying tocopherols in <i>Brassica rapa</i> L. subsp. <i>sylvestris</i> after harvest. <i>Journal of Food Composition and Analysis</i> , 2012, 27, 145-150.	1.9	19
24	Effect of L-methionine-DL-sulphoximine, a specific inhibitor of glutamine synthetase, on ammonium and nitrate metabolism in the unicellular alga <i>Cyanidium caldarium</i> . <i>Physiologia Plantarum</i> , 1982, 54, 47-51.	2.6	16
25	Studies in vivo on the control by ammonia of nitrate reduction to nitrite in the unicellular alga <i>Cyanidium caldarium</i> . <i>Plant Science Letters</i> , 1978, 13, 301-307.	1.9	14
26	Evidence for two transport systems for nitrate in the acidophilic thermophilic alga <i>Cyanidium caldarium</i> . <i>Archives of Microbiology</i> , 1984, 137, 281-285.	1.0	14
27	Process optimisation and physicochemical characterisation of potato powder. <i>International Journal of Food Science and Technology</i> , 2009, 44, 145-151.	1.3	13
28	Mechanism of proton-linked nitrate uptake in <i>Cyanidium caldarium</i> , an acidophilic non-vacuolated alga. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1985, 815, 392-398.	1.4	12
29	Plant Genes for Abiotic Stress. , 0, , .		12
30	Pattern of inhibition of nitrate utilization by ammonium in the acidophilic thermophilic unicellular alga <i>Cyanidium caldarium</i> . <i>Archives of Microbiology</i> , 1981, 130, 349-352.	1.0	11
31	Effects of the Allelochemicals Dihydrodiconiferyl Alcohol and Lariciresinol on Metabolism of <i>Lactuca sativa</i> . <i>The Open Bioactive Compounds Journal</i> , 2010, 3, 18-24.	0.8	9
32	cDNA cloning and differential expression patterns of ascorbate peroxidase during post-harvest in <i>Brassica rapa</i> L.. <i>Molecular Biology Reports</i> , 2012, 39, 7843-7853.	1.0	8
33	Regulation of mycorrhiza development in durum wheat by P fertilization: Effect on plant nitrogen metabolism. <i>Journal of Plant Nutrition and Soil Science</i> , 2018, 181, 429-440.	1.1	8
34	Uptake and assimilation of nitrite in the acidophilic red alga <i>Cyanidium caldarium</i> Geitler. <i>New Phytologist</i> , 1993, 125, 351-360.	3.5	7
35	Transcription Factors and Genes in Abiotic Stress. , 2012, , 317-357.		7
36	Active and inactive nitrate reductase. Effects of mild treatment with denaturing agents of protein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1980, 613, 26-33.	1.4	5

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37	Derepression of nitrate reductase in the presence of excess ammonium in a unicellular alga growing under conditions of phosphate limitation. <i>Biochemical and Biophysical Research Communications</i> , 1984, 119, 259-264.	1.0	5
38	Short-term regulation of nitrate uptake by a H^+ -pump and leak TM mechanism in the acidophilic nonvacuolated alga, <i>Cyanidium caldarium</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1989, 974, 141-148.	0.5	5
39	Dataset on antioxidant metabolites and enzymes activities of freshly harvested sweet cherries () Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	5
40	Nitrate reductase and glutamate dehydrogenase of the red alga <i>Porphyridium aerugineum</i> . <i>Plant Science Letters</i> , 1979, 15, 203-209.	1.9	4
41	Unveiling the Enigmatic Structure of TdCMO Transcripts in Durum Wheat. <i>Agronomy</i> , 2018, 8, 270.	1.3	4
42	Nitrogen assimilation in a thermophilic acidophilic alga. , 1994, , 193-200.		0