

Eric G Cosio

List of Publications by Citations

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26
papers

1,255
citations

17
h-index

31
g-index

31
ext. papers

1,405
ext. citations

5.9
avg, IF

3.68
L-index

#	Paper	IF	Citations
26	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. <i>New Phytologist</i> , 2015 , 206, 614-36	9.8	244
25	Elicitors of Plant Defense Responses. <i>International Review of Cytology</i> , 1994 , 1-36		226
24	High-affinity binding of fungal beta-glucan fragments to soybean (<i>Glycine max</i> L.) microsomal fractions and protoplasts. <i>FEBS Journal</i> , 1988 , 175, 309-15		96
23	High-affinity binding of a synthetic heptaglucoside and fungal glucan phytoalexin elicitors to soybean membranes. <i>FEBS Letters</i> , 1990 , 271, 223-6	3.8	83
22	Identification of a high-affinity binding protein for a hepta-beta-glucoside phytoalexin elicitor in soybean. <i>FEBS Journal</i> , 1992 , 204, 1115-23		77
21	Bioactive maca (<i>Lepidium meyenii</i>) alkalamides are a result of traditional Andean postharvest drying practices. <i>Phytochemistry</i> , 2015 , 116, 138-148	4	62
20	Leaf-level photosynthetic capacity in lowland Amazonian and high-elevation Andean tropical moist forests of Peru. <i>New Phytologist</i> , 2017 , 214, 1002-1018	9.8	62
19	Affinity purification and characterization of a binding protein for a hepta-β-glucoside. Phytoalexin elicitor in soybean. <i>Phytochemistry</i> , 1993 , 32, 543-550	4	50
18	Solubilization of soybean membrane binding sites for fungal beta-glucans that elicit phytoalexin accumulation. <i>FEBS Letters</i> , 1990 , 264, 235-8	3.8	48
17	Elicitor-binding proteins and signal transduction in the activation of a phytoalexin defense response. <i>Canadian Journal of Botany</i> , 1995 , 73, 506-510		40
16	High-affinity binding of fungal βglucan elicitors to cell membranes of species of the plant family Fabaceae. <i>Planta</i> , 1996 , 200, 92	4.7	37
15	Acifluorfen-induced isoflavonoids and enzymes of their biosynthesis in mature soybean leaves : whole leaf and mesophyll responses. <i>Plant Physiology</i> , 1985 , 78, 14-9	6.6	37
14	Production of Antibiotic Thiarrubrines by a Crown gall Tumor Line of <i>Chaenactis douglasii</i> . <i>Journal of Plant Physiology</i> , 1986 , 124, 155-164	3.6	26
13	Physiological effects of short acute UVB treatments in <i>Chenopodium quinoa</i> Willd. <i>Scientific Reports</i> , 2018 , 8, 371	4.9	25
12	Release of highly elicitor-active glucans by germinating zoospores of <i>Phytophthora megasperma</i> f. sp. <i>glycinea</i> . <i>Planta</i> , 1992 , 188, 498-505	4.7	25
11	Kaempferol glycosides and enzymes of flavonol biosynthesis in leaves of a soybean strain with low photosynthetic rates. <i>Plant Physiology</i> , 1984 , 74, 877-81	6.6	25
10	Scaling leaf respiration with nitrogen and phosphorus in tropical forests across two continents. <i>New Phytologist</i> , 2017 , 214, 1064-1077	9.8	19

9	Isolation and photosynthetic characteristics of mesophyll cells from developing leaves of soybean. <i>Physiologia Plantarum</i> , 1983 , 59, 595-600	4.6	15
8	Leaf age effects on the spectral predictability of leaf traits in Amazonian canopy trees. <i>Science of the Total Environment</i> , 2019 , 666, 1301-1315	10.2	12
7	Fluvial carbon export from a lowland Amazonian rainforest in relation to atmospheric fluxes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016 , 121, 3001-3018	3.7	11
6	Physiological responses of maca (<i>Lepidium meyenii</i> Walp.) plants to UV radiation in its high-altitude mountain ecosystem. <i>Scientific Reports</i> , 2020 , 10, 2654	4.9	9
5	Plant-Inhabiting Ant Utilizes Chemical Cues for Host Discrimination. <i>Biotropica</i> , 2012 , 44, 246-253	2.3	9
4	Endogenous Growth Regulator Levels and Polyacetylene Accumulation in Crown Gall Tumor Lines of <i>Chaenactis douglasii</i> . <i>Journal of Plant Physiology</i> , 1987 , 129, 1-11	3.6	6
3	Partial purification of a GTP-insensitive (1 \rightarrow 3)-beta-glucan synthase from <i>Phytophthora sojae</i> . <i>FEBS Letters</i> , 1998 , 433, 191-5	3.8	5
2	Elicitation of Phytoalexin Synthesis in Soybean (<i>Glycine Max</i>) by A Fungal Pathogen and a Fungal β Glucan. <i>NATO ASI Series Series H, Cell Biology</i> , 1989 , 203-210		1
1	Glucosinolate catabolism during postharvest drying determines the ratio of bioactive macamides to deaminated benzenoids in <i>Lepidium meyenii</i> (maca) root flour. <i>Phytochemistry</i> , 2020 , 179, 112502	4	1