Eric G Cosio

List of Publications by Year in Descending Order

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	Physiological responses of maca (Lepidium meyenii Walp.) plants to UV radiation in its high-altitude mountain ecosystem. *Scientific Reports*, **2020**, 10, 2654	4.9	9
25	Glucosinolate catabolism during postharvest drying determines the ratio of bioactive macamides to deaminated benzenoids in Lepidium meyenii (maca) root flour. *Phytochemistry*, **2020**, 179, 112502	4	1
24	Leaf age effects on the spectral predictability of leaf traits in Amazonian canopy trees. *Science of the Total Environment*, **2019**, 666, 1301-1315	10.2	12
23	Physiological effects of short acute UVB treatments in Chenopodium quinoa Willd. *Scientific Reports*, **2018**, 8, 371	4.9	25
22	Scaling leaf respiration with nitrogen and phosphorus in tropical forests across two continents. *New Phytologist*, **2017**, 214, 1064-1077	9.8	19
21	Leaf-level photosynthetic capacity in lowland Amazonian and high-elevation Andean tropical moist forests of Peru. *New Phytologist*, **2017**, 214, 1002-1018	9.8	62
20	Fluvial carbon export from a lowland Amazonian rainforest in relation to atmospheric fluxes. *Journal of Geophysical Research G: Biogeosciences*, **2016**, 121, 3001-3018	3.7	11
19	Bioactive maca (Lepidium meyenii) alkamides are a result of traditional Andean postharvest drying practices. *Phytochemistry*, **2015**, 116, 138-148	4	62
18	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. *New Phytologist*, **2015**, 206, 614-36	9.8	244
17	Plant-Inhabiting Ant Utilizes Chemical Cues for Host Discrimination. *Biotropica*, **2012**, 44, 246-253	2.3	9
16	Partial purification of a GTP-insensitive (1-->3)-beta-glucan synthase from Phytophthora sojae. *FEBS Letters*, **1998**, 433, 191-5	3.8	5
15	High-affinity binding of fungal □glucan elicitors to cell membranes of species of the plant family Fabaceae. *Planta*, **1996**, 200, 92	4.7	37
14	Elicitor-binding proteins and signal transduction in the activation of a phytoalexin defense response. *Canadian Journal of Botany*, **1995**, 73, 506-510		40
13	Elicitors of Plant Defense Responses. *International Review of Cytology*, **1994**, 1-36		226
12	Affinity purification and characterization of a binding protein for a hepta-□glucoside. Phytoalexin elicitor in soybean. *Phytochemistry*, **1993**, 32, 543-550	4	50
11	Release of highly elicitor-active glucans by germinating zoospores of Phytophthora megasperma f. sp. glycinea. *Planta*, **1992**, 188, 498-505	4.7	25
10	Identification of a high-affinity binding protein for a hepta-beta-glucoside phytoalexin elicitor in soybean. *FEBS Journal*, **1992**, 204, 1115-23		77

9	Solubilization of soybean membrane binding sites for fungal beta-glucans that elicit phytoalexin accumulation. *FEBS Letters*, **1990**, 264, 235-8	3.8	48
8	High-affinity binding of a synthetic heptaglucoside and fungal glucan phytoalexin elicitors to soybean membranes. *FEBS Letters*, **1990**, 271, 223-6	3.8	83
7	Elicitation of Phytoalexin Synthesis in Soybean (Glycine Max) by A Fungal Pathogen and a Fungal Glucan. *NATO ASI Series Series H, Cell Biology*, **1989**, 203-210		1
6	High-affinity binding of fungal beta-glucan fragments to soybean (Glycine max L.) microsomal fractions and protoplasts. *FEBS Journal*, **1988**, 175, 309-15		96
5	Endogenous Growth Regulator Levels and Polyacetylene Accumulation in Crown Gall Tumor Lines of Chaenactis douglasii. *Journal of Plant Physiology*, **1987**, 129, 1-11	3.6	6
4	Production of Antibiotic Thiarubrines by a Crown gall Tumor Line of Chaenactis douglasii. *Journal of Plant Physiology*, **1986**, 124, 155-164	3.6	26
3	Acifluorfen-induced isoflavonoids and enzymes of their biosynthesis in mature soybean leaves : whole leaf and mesophyll responses. *Plant Physiology*, **1985**, 78, 14-9	6.6	37
2	Kaempferol glycosides and enzymes of flavonol biosynthesis in leaves of a soybean strain with low photosynthetic rates. *Plant Physiology*, **1984**, 74, 877-81	6.6	25
1	Isolation and photosynthetic characteristics of mesophyll cells from developing leaves of soybean. *Physiologia Plantarum*, **1983**, 59, 595-600	4.6	15