

Kevin Garcia

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

1,147

citations

16

h-index

33

g-index

37

ext. papers

1,639

ext. citations

7.2

avg, IF

4.48

L-index

#	Paper	IF	Citations
28	Symbiotic Nitrogen Fixation and the Challenges to Its Extension to Nonlegumes. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 3698-3710	4.8	307
27	Take a Trip Through the Plant and Fungal Transportome of Mycorrhiza. <i>Trends in Plant Science</i> , 2016 , 21, 937-950	13.1	115
26	Biotrophic transportome in mutualistic plant-fungal interactions. <i>Mycorrhiza</i> , 2013 , 23, 597-625	3.9	113
25	The role of mycorrhizal associations in plant potassium nutrition. <i>Frontiers in Plant Science</i> , 2014 , 5, 337	6.2	106
24	Molecular signals required for the establishment and maintenance of ectomycorrhizal symbioses. <i>New Phytologist</i> , 2015 , 208, 79-87	9.8	87
23	A proteomic atlas of the legume <i>Medicago truncatula</i> and its nitrogen-fixing endosymbiont <i>Sinorhizobium meliloti</i> . <i>Nature Biotechnology</i> , 2016 , 34, 1198-1205	44.5	68
22	Potassium nutrition of ectomycorrhizal <i>Pinus pinaster</i> : overexpression of the <i>Hebeloma cylindrosporum</i> HcTrk1 transporter affects the translocation of both K(+) and phosphorus in the host plant. <i>New Phytologist</i> , 2014 , 201, 951-960	9.8	43
21	Physiological Responses and Gene Co-Expression Network of Mycorrhizal Roots under K Deprivation. <i>Plant Physiology</i> , 2017 , 173, 1811-1823	6.6	39
20	Nutrient demand and fungal access to resources control the carbon allocation to the symbiotic partners in tripartite interactions of <i>Medicago truncatula</i> . <i>Plant, Cell and Environment</i> , 2019 , 42, 270-284 ^{8.4}	8.4	35
19	The Ectomycorrhizal Fungus Produces Lipochitooligosaccharides and Uses the Common Symbiosis Pathway to Colonize Roots. <i>Plant Cell</i> , 2019 , 31, 2386-2410	11.6	33
18	Harnessing Soil Microbes to Improve Plant Phosphate Efficiency in Cropping Systems. <i>Agronomy</i> , 2019 , 9, 127	3.6	24
17	Phosphorus Transport in Mycorrhiza: How Far Are We?. <i>Trends in Plant Science</i> , 2019 , 24, 794-801	13.1	24
16	Promoter-dependent expression of the fungal transporter HcPT1.1 under Pi shortage and its spatial localization in ectomycorrhiza. <i>Fungal Genetics and Biology</i> , 2013 , 58-59, 53-61	3.9	20
15	The <i>Hebeloma cylindrosporum</i> HcPT2 Pi transporter plays a key role in ectomycorrhizal symbiosis. <i>New Phytologist</i> , 2018 , 220, 1185-1199	9.8	20
14	Lipo-chitooligosaccharides as regulatory signals of fungal growth and development. <i>Nature Communications</i> , 2020 , 11, 3897	17.4	19
13	Plant potassium nutrition in ectomycorrhizal symbiosis: properties and roles of the three fungal TOK potassium channels in <i>Hebeloma cylindrosporum</i> . <i>Environmental Microbiology</i> , 2018 , 20, 1873-1887 ^{5.2}	5.2	16
12	The ectomycorrhizal contribution to tree nutrition. <i>Advances in Botanical Research</i> , 2019 , 77-126	2.2	16

11	HcPT1.2 participates in Pi acquisition in Hebeloma cylindrosporum external hyphae of ectomycorrhizas under high and low phosphate conditions. <i>Plant Signaling and Behavior</i> , 2018 , 13, e152597	2.5	9
10	HcTOK1 participates in the maintenance of K homeostasis in the ectomycorrhizal fungus Hebeloma cylindrosporum, which is essential for the symbiotic K nutrition of Pinus pinaster. <i>Plant Signaling and Behavior</i> , 2018 , 13, e1480845	2.5	9
9	Micronutrient transport in mycorrhizal symbiosis; zinc steals the show. <i>Fungal Biology Reviews</i> , 2020 , 34, 1-9	6.8	7
8	The Role of Plant Transporters in Mycorrhizal Symbioses. <i>Advances in Botanical Research</i> , 2018 , 303-342	2.2	6
7	Role of cytosolic, tyrosine-insensitive prephenate dehydrogenase in. <i>Plant Direct</i> , 2020 , 4, e00218	3.3	5
6	The transportome of mycorrhizal systems 2016 , 239-256		5
5	Comparative Analysis of Secretomes from Ectomycorrhizal Fungi with an Emphasis on Small-Secreted Proteins. <i>Frontiers in Microbiology</i> , 2016 , 7, 1734	5.7	5
4	Polymorphic responses of Medicago truncatula accessions to potassium deprivation. <i>Plant Signaling and Behavior</i> , 2017 , 12, e1307494	2.5	3
3	Beneficial Plant Microbe Interactions and Their Effect on Nutrient Uptake, Yield, and Stress Resistance of Soybeans 2019 ,		3
2	Fungal Shaker-like channels beyond cellular K ⁺ homeostasis: A role in ectomycorrhizal symbiosis between Hebeloma cylindrosporum and Pinus pinaster. <i>PLoS ONE</i> , 2020 , 15, e0242739	3.7	2
1	Benefits provided by four ectomycorrhizal fungi to Pinus taeda under different external potassium availabilities. <i>Mycorrhiza</i> , 2021 , 31, 755-766	3.9	1