

Suqin Fang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

691
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	3D reconstruction and dynamic modeling of root architecture <i>in situ</i> and its application to crop phosphorus research. <i>Plant Journal</i> , 2009, 60, 1096-1108.	5.7	141
2	Genotypic recognition and spatial responses by rice roots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2670-2675.	7.1	124
3	Direct and indirect effects of climate on richness drive the latitudinal diversity gradient in forest trees. <i>Ecology Letters</i> , 2019, 22, 245-255.	6.4	92
4	High Temperature can Change Root System Architecture and Intensify Root Interactions of Plant Seedlings. <i>Frontiers in Plant Science</i> , 2020, 11, 160.	3.6	51
5	Crop Root Behavior Coordinates Phosphorus Status and Neighbors: From Field Studies to Three-Dimensional <i>In Situ</i> Reconstruction of Root System Architecture. <i>Plant Physiology</i> , 2011, 155, 1277-1285.	4.8	43
6	Testing multiple hypotheses for the high endemic plant diversity of the Tibetan Plateau. <i>Global Ecology and Biogeography</i> , 2019, 28, 131-144.	5.8	43
7	Invasion success and impacts depend on different characteristics in non-native plants. <i>Diversity and Distributions</i> , 2021, 27, 1194-1207.	4.1	39
8	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. <i>Nature Communications</i> , 2021, 12, 3137.	12.8	28
9	Fast seedling root growth leads to competitive superiority of invasive plants. <i>Biological Invasions</i> , 2018, 20, 1821-1832.	2.4	25
10	Quantitative analysis of 3-dimensional root architecture based on image reconstruction and its application to research on phosphorus uptake in soybean. <i>Science Bulletin</i> , 2006, 51, 2351-2361.	1.7	20
11	Soil nitrogen concentration mediates the relationship between leguminous trees and neighbor diversity in tropical forests. <i>Communications Biology</i> , 2020, 3, 317.	4.4	20
12	Habitat hotspots of common and rare tropical species along climatic and edaphic gradients. <i>Journal of Ecology</i> , 2015, 103, 1325-1333.	4.0	19
13	Comparing shade tolerance measures of woody forest species. <i>PeerJ</i> , 2018, 6, e5736.	2.0	16
14	Do N-fixing legumes promote neighbouring diversity in the tropics?. <i>Journal of Ecology</i> , 2019, 107, 229-239.	4.0	11
15	Species Identity and Initial Size Rather Than Neighborhood Interactions Influence Survival in a Response-Surface Examination of Competition. <i>Frontiers in Plant Science</i> , 2020, 11, 1212.	3.6	6
16	Sexual competition and kin recognition co-shape the traits of neighboring dioecious <i>Diospyros morrisiana</i> seedlings. <i>Horticulture Research</i> , 2021, 8, 162.	6.3	6
17	A mechanistic model for nitrogen-limited plant growth. <i>Annals of Botany</i> , 2022, 129, 583-592.	2.9	3
18	Plant-caterpillar food web: Integrating leaf stoichiometry and phylogeny. <i>Ecological Entomology</i> , 2021, 46, 1026-1035.	2.2	2

#	ARTICLE	IF	CITATIONS
19	Biodiversity stabilizes primary productivity through compensatory effects under warming conditions. Journal of Vegetation Science, 2022, 33, .	2.2	2