Yan-Qiang Jin

List of Publications by Year
in descending order

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27 papers	451 citations	840776 11 h-index	752698 20 g-index
27 all docs	27 docs citations	27 times ranked	610 citing authors

#	Article	IF	Citations
1	Effects of phosphorus application on photosynthetic carbon and nitrogen metabolism, water use efficiency and growth of dwarf bamboo (Fargesia rufa) subjected to water deficit. Plant Physiology and Biochemistry, 2015, 96, 20-28.	5.8	57
2	Carbon exchanges and their responses to temperature and precipitation in forest ecosystems in Yunnan, Southwest China. Science of the Total Environment, 2018, 616-617, 824-840.	8.0	51
3	Drivers of soil bacterial community structure and diversity in tropical agroforestry systems. Agriculture, Ecosystems and Environment, 2019, 278, 24-34.	5.3	44
4	Water-use efficiency and its relationship with environmental and biological factors in a rubber plantation. Journal of Hydrology, 2018, 563, 273-282.	5.4	38
5	Phosphorous fractions in soils of rubber-based agroforestry systems: Influence of season, management and stand age. Science of the Total Environment, 2018, 616-617, 1576-1588.	8.0	31
6	Eddy covariance and biometric measurements show that a savanna ecosystem in Southwest China is a carbon sink. Scientific Reports, 2017, 7, 41025.	3.3	24
7	Carbohydrate dynamics of three dominant species in a Chinese savanna under precipitation exclusion. Tree Physiology, 2018, 38, 1371-1383.	3.1	22
8	Photoprotection regulated by phosphorus application can improve photosynthetic performance and alleviate oxidative damage in dwarf bamboo subjected to water stress. Plant Physiology and Biochemistry, 2017, 118, 88-97.	5.8	17
9	Large-scale patterns of understory biomass and its allocation across China's forests. Science of the Total Environment, 2022, 804, 150169.	8.0	17
10	Photosynthetic carbon and nitrogen metabolism and the relationship between their metabolites and lipid peroxidation in dwarf bamboo (Fargesia rufa Yi) during drought and subsequent recovery. Trees - Structure and Function, 2015, 29, 1633-1647.	1.9	16
11	Response of net primary productivity to precipitation exclusion in a savanna ecosystem. Forest Ecology and Management, 2018, 429, 69-76.	3.2	14
12	The influence of drought strength on soil respiration in a woody savanna ecosystem, southwest China. Plant and Soil, 2018, 428, 321-333.	3.7	13
13	Soil organic matter as affected by the conversion of natural tropical rainforest to monoculture rubber plantations under acric ferralsols. Catena, 2020, 195, 104753.	5.0	13
14	Perennial cover crop biomass contributes to regulating soil P availability more than rhizosphere P-mobilizing capacity in rubber-based agroforestry systems. Geoderma, 2021, 401, 115218.	5.1	13
15	Responses of the Carbon Storage and Sequestration Potential of Forest Vegetation to Temperature Increases in Yunnan Province, SW China. Forests, 2018, 9, 227.	2.1	12
16	Effects of precipitation exclusion on N2O emissions in a savanna ecosystem in SW China. Atmospheric Environment, 2018, 187, 1-8.	4.1	11
17	Stand ageâ€related effects on soil respiration in rubber plantations (Hevea brasiliensis) in southwest China. European Journal of Soil Science, 2019, 70, 1221-1233.	3.9	10
18	Photoprotective and antioxidative mechanisms against oxidative damage in Fargesia rufa subjected to drought and salinity. Functional Plant Biology, 2017, 44, 302.	2.1	8

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19	The Synergistic Responses of Different Photoprotective Pathways in Dwarf Bamboo (Fargesia rufa) to Drought and Subsequent Rewatering. Frontiers in Plant Science, 2017, 08, 489.	3.6	8
20	Precipitation reduction alters herbaceous community structure and composition in a savanna. Journal of Vegetation Science, 2019, 30, 821-831.	2.2	8
21	Relationship between gross primary production and canopy colour indices from digital camera images in a rubber (Hevea brasiliensis) plantation, Southwest China. Forest Ecology and Management, 2019, 437, 222-231.	3.2	8
22	Effects of Climate Change on the Carbon Sequestration Potential of Forest Vegetation in Yunnan Province, Southwest China. Forests, 2022, 13, 306.	2.1	6
23	Challenges of the establishment of rubber-based agroforestry systems: Decreases in the diversity and abundance of ground arthropods. Journal of Environmental Management, 2021, 292, 112747.	7.8	5
24	Fine Root Production and Soil Available Nutrients in Rubber Monoculture versus Rubberâ€“Flemingia macrophylla Agroforestry. Forests, 2022, 13, 830.	2.1	3
25	Small Roots of Parashorea chinensis Wang Hsie Decompose Slower than Twigs. Forests, 2019, 10, 301.	2.1	1
26	Relationships of the understory biomass with stand structure across the Sichuan cypress plantation forests in Sichuan Basin, China. Acta Ecologica Sinica, 2014, 34, .	0.1	1
27	Carbon storage and net primary productivity of a savanna ecosystem in a dry-hot valley in Yuanjiang, Yunnan. Acta Ecologica Sinica, 2017, 37, .	0.1	0