

Lei Jiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8471522/publications.pdf>

Version: 2024-02-01

17
papers

406
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing soil erosion by improving community functional diversity in semi-arid grasslands. <i>Journal of Applied Ecology</i> , 2015, 52, 1063-1072.	4.0	81
2	Biophysical controls on canopy transpiration in a black locust (<i>Robinia</i>) plantation in the semi-arid Loess Plateau of China. <i>Journal of Arid Land</i> , 2016, 8, 604-617.	2.4	48
3	Determining the independent impact of soil water on forest transpiration: A case study of a black locust plantation in the Loess Plateau, China. <i>Journal of Hydrology</i> , 2019, 572, 671-681.	5.4	42
4	Comparison of transpiration between different aged black locust (<i>Robinia pseudoacacia</i>) trees on the semi-arid Loess Plateau, China. <i>Journal of Arid Land</i> , 2016, 8, 604-617.	2.3	34
5	Effects of plantation age and precipitation gradient on soil carbon and nitrogen changes following afforestation in the Chinese Loess Plateau. <i>Land Degradation and Development</i> , 2019, 30, 2298-2310.	3.9	32
6	Evapotranspiration partitioning and its implications for plant water use strategy: Evidence from a black locust plantation in the semi-arid Loess Plateau, China. <i>Forest Ecology and Management</i> , 2018, 424, 428-438.	3.2	31
7	Trait choice profoundly affected the ecological conclusions drawn from functional diversity measures. <i>Scientific Reports</i> , 2017, 7, 3643.	3.3	30
8	Effects of land-use patterns on soil carbon and nitrogen variations along revegetated hillslopes in the Chinese Loess Plateau. <i>Science of the Total Environment</i> , 2020, 746, 141156.	8.0	26
9	Regional variation in soil water and vegetation characteristics in the Chinese Loess Plateau. <i>Ecological Indicators</i> , 2020, 115, 106399.	6.3	18
10	Canopy transpiration and stand water balance between two contrasting hydrological years in three typical shrub communities on the semiarid Loess Plateau of China. <i>Ecohydrology</i> , 2019, 12, e2064.	2.4	15
11	Age-related water use characteristics of <i>Robinia pseudoacacia</i> on the Loess Plateau. <i>Agricultural and Forest Meteorology</i> , 2021, 301-302, 108344.	4.8	15
12	Spatial expansion effects on urban ecosystem services supply-demand mismatching in Guanzhong Plain Urban Agglomeration of China. <i>Journal of Chinese Geography</i> , 2022, 32, 806-828.	3.9	13
13	Linking the soil moisture distribution pattern to dynamic processes along slope transects in the Loess Plateau, China. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 778.	2.7	9
14	Response of Soil Moisture to Rainfall Event in Black Locust Plantations at Different Stages of Restoration in Hilly-gully Area of the Loess Plateau, China. <i>Chinese Geographical Science</i> , 2020, 30, 427-445.	3.0	7
15	Effects of land use patterns on slope soil water in the semiarid Loess Plateau, China. <i>Journal of Chinese Geography</i> , 2022, 32, 701-716.	3.9	3
16	Stochastic soil moisture dynamic modelling: a case study in the Loess Plateau, China. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2018, 109, 437-444.	0.3	1
17	Characteristics and Cause Analysis of Variations in Light Precipitation Events in the Central and Eastern Tibetan Plateau, China, During 1961-2019. <i>Chinese Geographical Science</i> , 0, , 1.	3.0	1