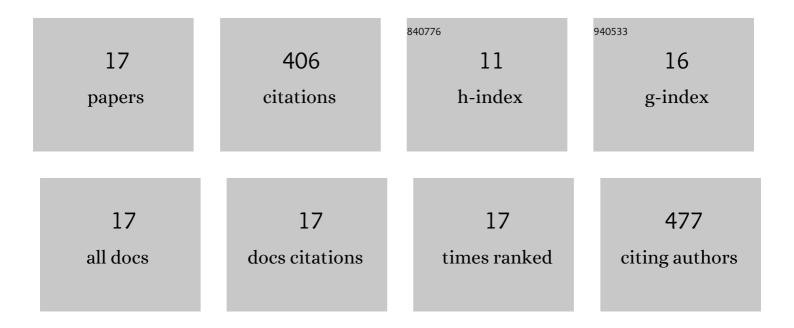
## Lei Jiao

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8471522/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Reducing soil erosion by improving community functional diversity in semiâ€arid grasslands. Journal of Applied Ecology, 2015, 52, 1063-1072.	4.0	81
2	Biophysical controls on canopy transpiration in a black locust ( <scp><i>Robinia) Tj ETQq0 0 0 rgBT /Overlock 10 1068-1081.</i></scp>	Tf 50 707 2.4	Td (pseudoa 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. Journal of Hydrology, 2019, 572, 671-681.	5.4	42
4	Comparison of transpiration between different aged black locust (Robinia pseudoacacia) trees on the semi-arid Loess Plateau, China. Journal of Arid Land, 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. Land Degradation and Development, 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. Forest Ecology and Management, 2018, 424, 428-438.	3.2	31
7	Trait choice profoundly affected the ecological conclusions drawn from functional diversity measures. Scientific Reports, 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. Science of the Total Environment, 2020, 746, 141156.	8.0	26
9	Regional variation in soil water and vegetation characteristics in the Chinese Loess Plateau. Ecological Indicators, 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. Ecohydrology, 2019, 12, e2064.	2.4	15
11	Age-related water use characteristics of Robinia pseudoacacia on the Loess Plateau. Agricultural and Forest Meteorology, 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. Journal of Chinese Geography, 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. Environmental Monitoring and Assessment, 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. Chinese Geographical Science, 2020, 30, 427-445.	3.0	7
15	Effects of land use patterns on slope soil water in the semiarid Loess Plateau, China. Journal of Chinese Geography, 2022, 32, 701-716.	3.9	3
16	Stochastic soil moisture dynamic modelling: a case study in the Loess Plateau, China. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 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. Chinese Geographical Science, 0, , 1.	3.0	1