

Hongbo Ling

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

625
citations

471509

17
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	How to Regenerate and Protect Desert Riparian <i>Populus euphratica</i> Forest in Arid Areas. <i>Scientific Reports</i> , 2015, 5, 15418.	3.3	61
2	Configuration of water resources for a typical river basin in an arid region of China based on the ecological water requirements (EWRs) of desert riparian vegetation. <i>Global and Planetary Change</i> , 2014, 122, 292-304.	3.5	51
3	Estimates of shifts in ecosystem service values due to changes in key factors in the Manas River basin, northwest China. <i>Science of the Total Environment</i> , 2019, 659, 177-187.	8.0	48
4	Evaluation of the ecological protective effect of the "large basin" comprehensive management system in the Tarim River basin, China. <i>Science of the Total Environment</i> , 2019, 650, 1696-1706.	8.0	45
5	Regional climate change and its effects on the runoff of Manas River, Xinjiang, China. <i>Environmental Earth Sciences</i> , 2011, 64, 2203-2213.	2.7	42
6	Oasis evolution and water resource utilization of a typical area in the inland river basin of an arid area: a case study of the Manas River valley. <i>Environmental Earth Sciences</i> , 2012, 66, 683-692.	2.7	39
7	High- and low-flow variations in annual runoff and their response to climate change in the headstreams of the Tarim River, Xinjiang, China. <i>Hydrological Processes</i> , 2013, 27, 975-988.	2.6	38
8	Determining the ecological water allocation in a hyper-arid catchment with increasing competition for water resources. <i>Global and Planetary Change</i> , 2016, 145, 143-152.	3.5	31
9	Enhancing the positive effects of ecological water conservancy engineering on desert riparian forest growth in an arid basin. <i>Ecological Indicators</i> , 2020, 118, 106797.	6.3	29
10	Disentangling the influence of aridity and salinity on community functional and phylogenetic diversity in local dryland vegetation. <i>Science of the Total Environment</i> , 2019, 653, 409-422.	8.0	26
11	Study of suitable oasis scales based on water resource availability in an arid region of China: a case study of Hotan River Basin. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	25
12	Temporal and Spatial Variation in Regional Climate and its Impact on Runoff in Xinjiang, China. <i>Water Resources Management</i> , 2013, 27, 381-399.	3.9	23
13	Negative feedback adjustment challenges reconstruction study from tree rings: A study case of response of <i>Populus euphratica</i> to river discontinuous flow and ecological water conveyance. <i>Science of the Total Environment</i> , 2017, 574, 109-119.	8.0	23
14	Eco-service value evaluation based on eco-economic functional regionalization in a typical basin of northwest arid area, China. <i>Environmental Earth Sciences</i> , 2014, 71, 3715-3726.	2.7	20
15	Drought-flood variation and its correlation with runoff in three headstreams of Tarim River, Xinjiang, China. <i>Environmental Earth Sciences</i> , 2014, 71, 1297-1309.	2.7	18
16	Evaluation of Agricultural Water Pricing in an Irrigation District Based on a Bayesian Network. <i>Water (Switzerland)</i> , 2018, 10, 768.	2.7	17
17	Function zoning based on spatial and temporal changes in quantity and quality of ecosystem services under enhanced management of water resources in arid basins. <i>Ecological Indicators</i> , 2022, 137, 108725.	6.3	17
18	The multi-time-scale correlations for drought-flood index to runoff and North Atlantic Oscillation in the headstreams of Tarim River, Xinjiang, China. <i>Hydrology Research</i> , 2017, 48, 253-264.	2.7	13

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19	Model for calculating suitable scales of oases in a continental river basin located in an extremely arid region, China. <i>Environmental Earth Sciences</i> , 2015, 73, 571-580.	2.7	11
20	Evaluation of water and land exploitation based on the ecosystem service value in a hyper-arid region with intensifying basin management. <i>Land Degradation and Development</i> , 2019, 30, 2165-2176.	3.9	10
21	Runoff variation law and its response to climate change in the headstream area of the Keriya River basin, Xinjiang. <i>Journal of Earth Science (Wuhan, China)</i> , 2011, 22, 780-791.	3.2	8
22	Evaluation of oasis land use security and sustainable utilization strategies in a typical watershed in the arid regions of China. <i>Environmental Earth Sciences</i> , 2013, 70, 2225-2235.	2.7	7
23	Does Climate Change or Human Activity Lead to the Degradation in the Grassland Ecosystem in a Mountain-Basin System in an Arid Region of China?. <i>Sustainability</i> , 2019, 11, 2618.	3.2	7
24	The Enhanced Management of Water Resources Improves Ecosystem Services in a Typical Arid Basin. <i>Sustainability</i> , 2020, 12, 8802.	3.2	7
25	Do Ecosystem Service Value Increase and Environmental Quality Improve due to Large-Scale Ecological Water Conveyance in an Arid Region of China?. <i>Sustainability</i> , 2019, 11, 6586.	3.2	6
26	Do Extreme Climate Events Cause the Degradation of <i>Malus sieversii</i> Forests in China?. <i>Frontiers in Plant Science</i> , 2021, 12, 608211.	3.6	3