

Xin-Lin He

List of Publications by Year in descending order

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papers

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docs citations

34
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Change in Land Use and Evapotranspiration in the Manas River Basin, China with Long-term Water-saving Measures. <i>Scientific Reports</i> , 2017, 7, 17874.	3.3	50
2	Soil physicochemical properties and cotton (<i>Gossypium hirsutum</i> L.) yield under brackish water mulched drip irrigation. <i>Soil and Tillage Research</i> , 2020, 199, 104592.	5.6	48
3	Fabrication of slag particle three-dimensional electrode system for methylene blue degradation: Characterization, performance and mechanism study. <i>Chemosphere</i> , 2018, 213, 377-383.	8.2	46
4	Assessment of changes in oasis scale and water management in the arid Manas River Basin, north western China. <i>Science of the Total Environment</i> , 2019, 691, 506-515.	8.0	40
5	Numerical assessment of the effect of water-saving irrigation on the water cycle at the Manas River Basin oasis, China. <i>Science of the Total Environment</i> , 2020, 707, 135587.	8.0	30
6	Water–Nitrogen Coupling and Multi-Objective Optimization of Cotton under Mulched Drip Irrigation in Arid Northwest China. <i>Agronomy</i> , 2019, 9, 894.	3.0	19
7	Mechanism of Saline–Alkali land improvement using subsurface pipe and vertical well drainage measures and its response to agricultural soil ecosystem. <i>Environmental Pollution</i> , 2022, 293, 118583.	7.5	19
8	EFFECT OF DRIP IRRIGATION WITH BRACKISH WATER ON THE SOIL CHEMICAL PROPERTIES FOR A TYPICAL DESERT PLANT (<i>HALOXYLON AMMODENDRON</i>) IN THE MANAS RIVER BASIN. <i>Irrigation and Drainage</i> , 2020, 69, 460-471.	1.7	16
9	Multi-Scenario Simulation and Trade-Off Analysis of Ecological Service Value in the Manas River Basin Based on Land Use Optimization in China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6216.	2.6	14
10	Incorporating the red jujube water footprint and economic water productivity into sustainable integrated management policy. <i>Journal of Environmental Management</i> , 2020, 269, 110828.	7.8	12
11	Organic pollutants removal performance and enhanced mechanism investigation of surface-modified steel slag particle electrode. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, S7.	2.3	11
12	Hydrological process simulation in Manas River Basin using CMADS. <i>Open Geosciences</i> , 2020, 12, 946-957.	1.7	11
13	Winter Irrigation Effects on Soil Moisture, Temperature and Salinity, and on Cotton Growth in Salinized Fields in Northern Xinjiang, China. <i>Sustainability</i> , 2020, 12, 7573.	3.2	10
14	Impact of sodium ion on multivalent metal ion content in extracellular polymeric substances of granular sludge from an expanded granular sludge bed. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 3105-3113.	2.2	8
15	Moisture, Temperature, and Salinity of a Typical Desert Plant (<i>Haloxylon ammodendron</i>) in an Arid Oasis of Northwest China. <i>Sustainability</i> , 2021, 13, 1908.	3.2	8
16	Calcined Aluminum Sludge as a Heterogeneous Fenton-Like Catalyst for Methylene Blue Degradation by Three-Dimensional Electrochemical System. <i>Electrocatalysis</i> , 2021, 12, 698-714.	3.0	8
17	Simulation of Water and Salt Transport in Soil under Pipe Drainage and Drip Irrigation Conditions in Xinjiang. <i>Water (Switzerland)</i> , 2019, 11, 2456.	2.7	7
18	Understanding the Spatial-Temporal Changes of Oasis Farmland in the Tarim River Basin from the Perspective of Agricultural Water Footprint. <i>Water (Switzerland)</i> , 2021, 13, 696.	2.7	7

#	ARTICLE	IF	CITATIONS
19	Flood frequency analysis of Manas River Basin in China under non-stationary condition. <i>Journal of Flood Risk Management</i> , 2021, 14, e12745.	3.3	7
20	A Comparative Study of Water Quality and Human Health Risk Assessment in Longevity Area and Adjacent Non-Longevity Area. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3737.	2.6	6
21	Water-Nitrogen Coupling Effect on Drip-Irrigated Dense Planting of Dwarf Jujube in an Extremely Arid Area. <i>Agronomy</i> , 2019, 9, 561.	3.0	6
22	Study of groundwater using visual MODFLOW in the Manas River Basin, China. <i>Water Policy</i> , 2016, 18, 1139-1154.	1.5	5
23	Assessing the Agricultural Water Savings-Economy-Ecological Environment System in an Arid Area of Northwest China Using a Water Rights Transaction Model. <i>Water (Switzerland)</i> , 2021, 13, 1233.	2.7	5
24	Spatiotemporal variation in groundwater level within the Manas River Basin, Northwest China: Relative impacts of natural and human factors. <i>Open Geosciences</i> , 2021, 13, 626-638.	1.7	5
25	A new downscaling approach and its performance with bias correction and spatial disaggregation as contrast. <i>Journal of Water and Climate Change</i> , 2017, 8, 675-690.	2.9	4
26	Analysis of Factors Influencing Effective Utilization Coefficient of Irrigation Water in the Manas River Basin. <i>Water (Switzerland)</i> , 2021, 13, 189.	2.7	4
27	Groundwater Dynamic Characteristics with the Ecological Threshold in the Northwest China Oasis. <i>Sustainability</i> , 2022, 14, 5390.	3.2	4
28	The Spatiotemporal Patterns of Climate Asymmetric Warming and Vegetation Activities in an Arid and Semiarid Region. <i>Climate</i> , 2020, 8, 145.	2.8	3
29	The Spatiotemporal Patterns and Interrelationships of Snow Cover and Climate Change in Tianshan Mountains. <i>Water (Switzerland)</i> , 2021, 13, 404.	2.7	3
30	Optimization of a Water-Saving and Fertilizer-Saving Model for Enhancing Xinjiang Korla Fragrant Pear Yield, Quality, and Net Profits under Water and Fertilizer Coupling. <i>Sustainability</i> , 2022, 14, 8495.	3.2	3
31	Soil salt balance in a cotton field under drip irrigation and subsurface pipe drainage systems. <i>Agronomy Journal</i> , 2021, 113, 4875-4888.	1.8	2
32	Growth and nitrogen status of cotton (<i>Gossypium hirsutum</i> L.) under salt stress revealed using 15N-labeled fertilizer. <i>Journal of Plant Ecology</i> , 2022, 15, 1213-1226.	2.3	1
33	Water source and transmission in <i>Haloxylon ammodendron</i> in the desert margin of the Manas River Basin, China. <i>Israel Journal of Ecology and Evolution</i> , 2021, 67, 156-167.	0.6	0