

Zailin Huo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Assessment of irrigation performance and water productivity in irrigated areas of the middle Heihe River basin using a distributed agro-hydrological model. <i>Agricultural Water Management</i> , 2015, 147, 67-81.	5.6	94
2	Optimizing regional irrigation water use by integrating a two-level optimization model and an agro-hydrological model. <i>Agricultural Water Management</i> , 2016, 178, 76-88.	5.6	77
3	Long-term groundwater dynamics affected by intense agricultural activities in oasis areas of arid inland river basins, Northwest China. <i>Agricultural Water Management</i> , 2018, 203, 37-52.	5.6	54
4	Analysis of the contribution of groundwater to evapotranspiration in an arid irrigation district with shallow water table. <i>Agricultural Water Management</i> , 2016, 171, 131-141.	5.6	47
5	Impact of agricultural water-saving practices on regional evapotranspiration: The role of groundwater in sustainable agriculture in arid and semi-arid areas. <i>Agricultural and Forest Meteorology</i> , 2018, 263, 156-168.	4.8	46
6	Groundwater simulation using a numerical model under different water resources management scenarios in an arid region of China. <i>Environmental Earth Sciences</i> , 2011, 62, 961-971.	2.7	45
7	Estimating groundwater evapotranspiration from irrigated cropland incorporating root zone soil texture and moisture dynamics. <i>Journal of Hydrology</i> , 2016, 543, 501-509.	5.4	41
8	Coupled effects of canal lining and multi-layered soil structure on canal seepage and soil water dynamics. <i>Journal of Hydrology</i> , 2012, 430-431, 91-102.	5.4	37
9	New perspective about application of extended Budyko formula in arid irrigation district with shallow groundwater. <i>Journal of Hydrology</i> , 2020, 582, 124496.	5.4	37
10	Deficit irrigation enhances contribution of shallow groundwater to crop water consumption in arid area. <i>Agricultural Water Management</i> , 2017, 185, 116-125.	5.6	33
11	Drip irrigation enhances shallow groundwater contribution to crop water consumption in an arid area. <i>Hydrological Processes</i> , 2018, 32, 747-758.	2.6	31
12	Groundwater simulation for efficient water resources management in Zhangye Oasis, Northwest China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	22
13	Maize transpiration and water productivity of two irrigated fields with varying groundwater depths in an arid area. <i>Agricultural and Forest Meteorology</i> , 2020, 281, 107849.	4.8	21
14	Energy fluxes and evapotranspiration over irrigated maize field in an arid area with shallow groundwater. <i>Agricultural Water Management</i> , 2020, 228, 105922.	5.6	20
15	Variation and attribution of water use efficiency in sunflower and maize fields in an irrigated semi-arid area. <i>Hydrological Processes</i> , 2021, 35, e14080.	2.6	8
16	A unique vadose zone model for shallow aquifers: the Hetao irrigation district, China. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 3097-3115.	4.9	6
17	Application of Budyko framework to irrigation districts in China under various climatic conditions. <i>Hydrological Processes</i> , 2022, 36, .	2.6	3
18	An Integrated Hydrological Model for the Restoration of Ecosystems in Arid Regions: Application in Zhangye Basin of the Middle Heihe River Basin, Northwest China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12,564.	3.3	2