

Keyvan Malek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7093768/publications.pdf>

Version: 2024-02-01

15
papers

337
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change reduces water availability for agriculture by decreasing non-evaporative irrigation losses. <i>Journal of Hydrology</i> , 2018, 561, 444-460.	5.4	52
2	Wetting Pattern Models for Drip Irrigation: New Empirical Model. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2011, 137, 530-536.	1.0	42
3	Implications of water management representations for watershed hydrologic modeling in the Yakima River basin. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 35-49.	4.9	32
4	Incorporating Social System Dynamics in the Columbia River Basin: Food-Energy-Water Resilience and Sustainability Modeling in the Yakima River Basin. <i>Frontiers in Environmental Science</i> , 2018, 6, .	3.3	30
5	BioEarth: Envisioning and developing a new regional earth system model to inform natural and agricultural resource management. <i>Climatic Change</i> , 2015, 129, 555-571.	3.6	29
6	Impacts of Near-Term Climate Change on Irrigation Demands and Crop Yields in the Columbia River Basin. <i>Water Resources Research</i> , 2018, 54, 2152-2182.	4.2	29
7	When Should Irrigators Invest in More Water-Efficient Technologies as an Adaptation to Climate Change?. <i>Water Resources Research</i> , 2018, 54, 8999-9032.	4.2	28
8	VIC-CropSyst-v2: A regional-scale modeling platform to simulate the nexus of climate, hydrology, cropping systems, and human decisions. <i>Geoscientific Model Development</i> , 2017, 10, 3059-3084.	3.6	26
9	California's food-energy-water system: An open source simulation model of adaptive surface and groundwater management in the Central Valley. <i>Environmental Modelling and Software</i> , 2021, 141, 105052.	4.5	17
10	Water rights shape crop yield and revenue volatility tradeoffs for adaptation in snow dependent systems. <i>Nature Communications</i> , 2020, 11, 3473.	12.8	12
11	Benefit-Cost Analysis of Integrated Water Resource Management: Accounting for Interdependence in the Yakima Basin Integrated Plan. <i>Journal of the American Water Resources Association</i> , 2017, 53, 456-477.	2.4	10
12	Diagnostic Framework for Evaluating How Parametric Uncertainty Influences Agro-Hydrologic Model Projections of Crop Yields Under Climate Change. <i>Water Resources Research</i> , 2022, 58, .	4.2	9
13	Bias Correction of Hydrologic Projections Strongly Impacts Inferred Climate Vulnerabilities in Institutionally Complex Water Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022, 148, .	2.6	8
14	An investigation of coupled natural human systems using a two-way coupled agent-based modeling framework. <i>Environmental Modelling and Software</i> , 2022, 155, 105451.	4.5	8
15	Impacts of irrigation efficiency on water-dependent sectors are heavily controlled by region-specific institutions and infrastructures. <i>Journal of Environmental Management</i> , 2021, 300, 113731.	7.8	5