Hoori Ajami

List of Publications by Year
in descending order

32 papers	1,225 citations	516710 16 h-index	477307 29 g-index
34 all docs	34 docs citations	34 times ranked	2002 citing authors

#	Article	IF	Citations
1	Litter origins, accumulation rates, and hierarchical composition on urban roadsides of the Inland Empire, California. Environmental Research Letters, 2022, 17, 015007.	5.2	13
2	Combined impacts of uncertainty in precipitation and air temperature on simulated mountain system recharge from an integrated hydrologic model. Hydrology and Earth System Sciences, 2022, 26, 1145-1164.	4.9	10
3	Quantifying Streamflow Depletion from Groundwater Pumping: A Practical Review of Past and Emerging Approaches for Water Management. Journal of the American Water Resources Association, 2022, 58, 289-312.	2.4	19
4	Integrating partitioned evapotranspiration data into hydrologic models: Vegetation parameterization and uncertainty quantification of simulated plant water use. Hydrological Processes, 2022, 36, .	2.6	1
5	From Soils to Streams: Connecting Terrestrial Carbon Transformation, Chemical Weathering, and Solute Export Across Hydrological Regimes. Water Resources Research, 2022, 58, .	4.2	14
6	Geohydrology: Groundwater. , 2021, , 408-415.		6
7	Using Remotely Sensed Information to Improve Vegetation Parameterization in a Semi-Distributed Hydrological Model (SMART) for Upland Catchments in Australia. Remote Sensing, 2020, 12, 3051.	4.0	1
8	Impact of Uncertainty in Precipitation Forcing Data Sets on the Hydrologic Budget of an Integrated Hydrologic Model in Mountainous Terrain. Water Resources Research, 2020, 56, e2020WR027639.	4.2	31
9	Is Past Variability a Suitable Proxy for Future Change? A Virtual Catchment Experiment. Water Resources Research, 2020, 56, e2019WR026275.	4.2	22
10	Ecohydrologic Error Models for Improved Bayesian Inference in Remotely Sensed Catchments. Water Resources Research, 2019, 55, 4533-4549.	4.2	7
11	Hillslope Hydrology in Global Change Research and Earth System Modeling. Water Resources Research, 2019, 55, 1737-1772.	4.2	281
12	Modelling precipitation uncertainties in a multi-objective Bayesian ecohydrological setting. Advances in Water Resources, 2019, 123, 12-22.	3.8	12
13	A Bayesian alternative for multi-objective ecohydrological model specification. Journal of Hydrology, 2018, 556, 25-38.	5.4	18
14	Groundwater recharge assessment in a rural, arid, mid-mountain basin in North-Central Chile. Hydrological Sciences Journal, 2018, 63, 1873-1889.	2.6	10
15	Disaggregating Soil Moisture to Finer Spatial Resolutions: A Comparison of Alternatives. Water Resources Research, 2018, 54, 9456-9483.	4.2	4
16	Catchment scale simulations of soil moisture dynamics using an equivalent cross-section based hydrological modelling approach. Journal of Hydrology, 2018, 564, 944-966.	5.4	15
17	Comparing potential recharge estimates from three Land Surface Models across the western US. Journal of Hydrology, 2017, 545, 410-423.	5.4	22
18	Developing empirical monthly groundwater recharge equations based on modeling and remote sensing data â€“ Modeling future groundwater recharge to predict potential climate change impacts. Journal of Hydrology, 2017, 546, 1-13.	5.4	49

#	Article	IF	Citations
19	How Might Recharge Change Under Projected Climate Change in the Western U.S.?. Geophysical Research Letters, 2017, 44, 10407-10418.	4.0	38
20	On the non-stationarity of hydrological response in anthropogenically unaffected catchments: an Australian perspective. Hydrology and Earth System Sciences, 2017, 21, 281-294.	4.9	30
21	Development of a computationally efficient semi-distributed hydrologic modeling application for soil moisture, lateral flow and runoff simulation. Environmental Modelling and Software, 2016, 85, 319-331.	4.5	32
22	Multi-objective assessment of three remote sensing vegetation products for streamflow prediction in a conceptual ecohydrological model. Journal of Hydrology, 2016, 543, 686-705.	5.4	12
23	Implications of projected climate change for groundwater recharge in the western United States. Journal of Hydrology, 2016, 534, 124-138.	5.4	299
24	Impacts of model initialization on an integrated surface waterâ€“groundwater model. Hydrological Processes, 2015, 29, 3790-3801.	2.6	17
25	A multi-objective assessment of alternate conceptual ecohydrological models. Journal of Hydrology, 2015, 529, 1221-1234.	5.4	7
26	An equivalent cross-sectional basis for semidistributed hydrological modeling. Water Resources Research, 2014, 50, 4395-4415.	4.2	10
27	Technical Note: Reducing the spin-up time of integrated surface waterâ€“groundwater models. Hydrology and Earth System Sciences, 2014, 18, 5169-5179.	4.9	18
28	Assessing the impact of model spinâ€up on surface waterâ€groundwater interactions using an integrated hydrologic model. Water Resources Research, 2014, 50, 2636-2656.	4.2	80
29	On the information content of surface meteorology for downward atmospheric longâ€wave radiation synthesis. Geophysical Research Letters, 2012, 39, .	4.0	24
30	Seasonalizing Mountain System Recharge in Semiâ€Arid Basinsâ€Climate Change Impacts. Ground Water, 2012, 50, 585-597.	1.3	26
31	Quantifying mountain block recharge by means of catchmentâ€scale storageâ€discharge relationships. Water Resources Research, 2011, 47, .	4.2	88
32	Extreme weather events and transmission losses in arid streams. Environmental Research Letters, 0, , .	5.2	9