Shervan Gharari

List of Publications by Year
in descending order

12	705	933447	1199594
papers	citations	10	12
		h-index	g-index

13	13	13	1133
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating a reservoir parametrization in the vector-based global routing model mizuRoute (v2.0.1) for Earth system model coupling. Geoscientific Model Development, 2022, 15, 4163-4192.	3.6	11
2	Understanding the Information Content in the Hierarchy of Model Development Decisions: Learning From Data. Water Resources Research, 2021, 57, e2020WR027948.	4.2	22
3	A Vector‐Based River Routing Model for Earth System Models: Parallelization and Global Applications. Journal of Advances in Modeling Earth Systems, 2021, 13, e2020MS002434.	3.8	16
4	VISCOUS: A Variance‐Based Sensitivity Analysis Using Copulas for Efficient Identification of Dominant Hydrological Processes. Water Resources Research, 2021, 57, e2020WR028435.	4.2	14
5	The Abuse of Popular Performance Metrics in Hydrologic Modeling. Water Resources Research, 2021, 57, e2020WR029001.	4.2	76
6	Urban morphology detection and it's linking with land surface temperature: A case study for Tehran Metropolis, Iran. Sustainable Cities and Society, 2021, 74, 103228.	10.4	12
7	Advancing Process Representation in Hydrological Models: Integrating New Concepts, Knowledge, and Data. Water Resources Research, 2021, 57, e2021WR030661.	4.2	3
8	Flexible vector-based spatial configurations in land models. Hydrology and Earth System Sciences, 2020, 24, 5953-5971.	4.9	16
9	Improving the Representation of Subsurface Water Movement in Land Models. Journal of Hydrometeorology, 2019, 20, 2401-2418.	1.9	12
10	Twenty-three unsolved problems in hydrology (UPH) – a community perspective. Hydrological Sciences Journal, 2019, 64, 1141-1158.	2.6	474
11	A review and synthesis of hysteresis in hydrology and hydrological modeling: Memory, path-dependency, or missing physics?. Journal of Hydrology, 2018, 566, 500-519.	5.4	24
12	Accounting for the influence of vegetation and landscape improves model transferability in a tropical savannah region. Water Resources Research, 2016, 52, 7999-8022.	4.2	25