

Leila Farhadi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

292
citations

933447

10
h-index

1058476

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g-index

16
all docs

16
docs citations

16
times ranked

279
citing authors

#	ARTICLE	IF	CITATIONS
1	A stable moving-particle semi-implicit method for free surface flows. <i>Fluid Dynamics Research</i> , 2006, 38, 241-256.	1.3	96
2	Mapping Surface Heat Fluxes by Assimilating SMAP Soil Moisture and GOES Land Surface Temperature Data. <i>Water Resources Research</i> , 2017, 53, 10858-10877.	4.2	32
3	Characterizing the Effect of Vegetation Dynamics on the Bulk Heat Transfer Coefficient to Improve Variational Estimation of Surface Turbulent Fluxes. <i>Journal of Hydrometeorology</i> , 2017, 18, 321-333.	1.9	27
4	Multiphase Mesh-Free Particle Method for Simulating Granular Flows and Sediment Transport. <i>Journal of Hydraulic Engineering</i> , 2017, 143, .	1.5	26
5	Parameter estimation of coupled water and energy balance models based on stationary constraints of surface states. <i>Water Resources Research</i> , 2011, 47, .	4.2	20
6	Estimation of land surface water and energy balance parameters using conditional sampling of surface states. <i>Water Resources Research</i> , 2014, 50, 1805-1822.	4.2	19
7	Mapping land water and energy balance relations through conditional sampling of remote sensing estimates of atmospheric forcing and surface states. <i>Water Resources Research</i> , 2016, 52, 2737-2752.	4.2	18
8	Assimilation of Freeze-Thaw Observations into the NASA Catchment Land Surface Model. <i>Journal of Hydrometeorology</i> , 2015, 16, 730-743.	1.9	16
9	Uncertainty Quantification in Land Surface Hydrologic Modeling: Toward an Integrated Variational Data Assimilation Framework. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 2628-2637.	4.9	12
10	Estimation of Surface Turbulent Fluxes From Land Surface Moisture and Temperature Via a Variational Data Assimilation Framework. <i>Water Resources Research</i> , 2019, 55, 4648-4667.	4.2	12
11	MR-WC-MPS: A Multi-Resolution WC-MPS Method for Simulation of Free-Surface Flows. <i>Water (Switzerland)</i> , 2019, 11, 1349.	2.7	6
12	LIDA: A Land Integrated Data Assimilation Framework for Mapping Land Surface Heat and Evaporative Fluxes by Assimilating Space-Borne Soil Moisture and Land Surface Temperature. <i>Water Resources Research</i> , 2020, 56, e2020WR027183.	4.2	4
13	Estimation of Root Zone Soil Moisture Profile by Reduced-Order Variational Data Assimilation Using Near Surface Soil Moisture Observations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 2394-2409.	4.9	2
14	A Framework for Coupled Estimation of Evapotranspiration and Recharge Flux by Assimilating Remotely Sensed Land Surface Temperature and Soil Moisture Observation. , 2021, , .		1
15	A Variational Framework for Coupled Estimation of Evapotranspiration and Recharge Fluxes by Assimilating Land Surface Soil Moisture and Temperature. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 3246-3257.	4.9	1