

# Leila Farhadi

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

292  
citations

933447

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1058476

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docs citations

16  
times ranked

279  
citing authors

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