Hamid Norouzi

List of Publications by Year in Descending Order

33 papers	971 citations	16 h-index	31 g-index
40 ext. papers	1,221 ext. citations	5 avg, IF	4.32 L-index

#	Paper	IF	Citations
33	Spatial Downscaling of GOES-R Land Surface Temperature over Urban Regions: A Case Study for New York City. *Atmosphere*, **2022**, 13, 332	2.7	1
32	Extreme heat events heighten soil respiration. *Scientific Reports*, **2021**, 11, 6632	4.9	2
31	Anthropogenic Drought: Definition, Challenges, and Opportunities. *Reviews of Geophysics*, **2021**, 59, e2019RG000683	13.1	99
30	Diurnal Cycle of Passive Microwave Brightness Temperatures over Land at a Global Scale. *Remote Sensing*, **2021**, 13, 817	5	1
29	Global Patterns of Hottest, Coldest, and Extreme Diurnal Variability on Earth. *Bulletin of the American Meteorological Society*, **2021**, 102, E1672-E1681	6.1	3
28	Land surface temperature variability across India: a remote sensing satellite perspective. *Theoretical and Applied Climatology*, **2020**, 139, 773-784	3	8
27	Raindrop Signature from Microwave Radiometer Over Deserts. *Geophysical Research Letters*, **2020**, 47, e2020GL088656	4.9	1
26	Comparison of Diurnal Variation of Land Surface Temperature From GOES-16 ABI and MODIS Instruments. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 17, 572-576	4.1	5
25	A Global Analysis of Land Surface Temperature Diurnal Cycle Using MODIS Observations. *Journal of Applied Meteorology and Climatology*, **2019**, 58, 1279-1291	2.7	16
24	Analyzing High-Frequency Soil Respiration Using a Probabilistic Model in a Semiarid, Mediterranean Climate. *Journal of Geophysical Research G: Biogeosciences*, **2019**, 124, 509-520	3.7	2
23	Observed differences between near-surface air and skin temperatures using satellite and ground-based data. *Theoretical and Applied Climatology*, **2019**, 137, 587-600	3	10
22	Compounding effects of human activities and climatic changes on surface water availability in Iran. *Climatic Change*, **2019**, 152, 379-391	4.5	49
21	A preliminary assessment of GPM-based multi-satellite precipitation estimates over a monsoon dominated region. *Journal of Hydrology*, **2018**, 556, 865-876	6	137
20	Estimation of Consistent Global Microwave Land Surface Emissivity from AMSR-E and AMSR2 Observations. *Journal of Applied Meteorology and Climatology*, **2018**, 57, 907-919	2.7	14
19	Consistency of precipitation products over the Arabian Peninsula and interactions with soil moisture and water storage. *Hydrological Sciences Journal*, **2018**, 63, 408-425	3.5	35
18	Assessment of differences between near-surface air and soil temperatures for reliable detection of high-latitude freeze and thaw states. *Cold Regions Science and Technology*, **2018**, 145, 86-92	3.8	22
17	Status of High-Resolution Multisatellite Precipitation Products Across India **2018**, 301-314		5

16	Climate-informed environmental inflows to revive a drying lake facing meteorological and anthropogenic droughts. *Environmental Research Letters*, **2018**, 13, 084010	6.2	63
15	Using Sentinel-L Sar Measurements to Detect High Resolution Freeze and Thaw States in Alaska **2018**,		1
14	Potential of satellite-based land emissivity estimates for the detection of high-latitude freeze and thaw states. *Geophysical Research Letters*, **2017**, 44, 2336-2342	4.9	13
13	Estimation of daily minimum land surface air temperature using MODIS data in southern Iran. *Theoretical and Applied Climatology*, **2017**, 130, 1149-1161	3	15
12	Global Land Surface Emissivity Estimation From AMSR2 Observations. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 13, 1270-1274	4.1	16
11	Assessment of the consistency among global microwave land surface emissivity products. *Atmospheric Measurement Techniques*, **2015**, 8, 1197-1205	4	25
10	Evaluation of radar precipitation estimates near gap regions: a case study in the Colorado River basin. *Remote Sensing Letters*, **2015**, 6, 165-174	2.3	1
9	Inferring land surface parameters from the diurnal variability of microwave and infrared temperatures. *Physics and Chemistry of the Earth*, **2015**, 83-84, 28-35	3	19
8	Aral Sea syndrome desiccates Lake Urmia: Call for action. *Journal of Great Lakes Research*, **2015**, 41, 307-311	3	196
7	Quantifying Uncertainties in Land-Surface Microwave Emissivity Retrievals. *IEEE Transactions on Geoscience and Remote Sensing*, **2014**, 52, 829-840	8.1	23
6	Assessment of the consistency among global microwave land surface emissivity products **2014**,		2
5	Using microwave brightness temperature diurnal cycle to improve emissivity retrievals over land. *Remote Sensing of Environment*, **2012**, 123, 470-482	13.2	44
4	Systematic and random error components in satellite precipitation data sets. *Geophysical Research Letters*, **2012**, 39, n/a-n/a	4.9	135
3	Diagnosing water variations within the Amazon basin using satellite data. *Journal of Geophysical Research*, **2011**, 116, n/a-n/a		36
2	The sensitivity of land emissivity estimates from AMSR-E at C and X bands to surface properties. *Hydrology and Earth System Sciences*, **2011**, 15, 3577-3589	5.5	30
1	The sensitivity of land emissivity estimates from AMSR-E at C and X bands to surface properties		2