Mohammed Shokr

List of Publications by Year
in descending order

22 papers	381 citations	687363 13 h-index	794594 19 g-index
23 all docs	23 docs citations	23 times ranked	537 citing authors

#	Article	IF	Citations
1	Intercomparison of Arctic Sea Ice Backscatter and Ice Type Classification Using Ku-Band and C-Band Scatterometers. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	7
2	Observations from C-Band SAR Fully Polarimetric Parameters of Mobile Sea Ice Based on Radar Scattering Mechanisms to Support Operational Sea Ice Monitoring. Canadian Journal of Remote Sensing, 2022, 48, 197-213.	2.4	11
3	Deep Learning Based Sea Ice Classification with Gaofen-3 Fully Polarimetric SAR Data. Remote Sensing, 2021, 13, 1452.	4.0	30
4	Sensitivity of Compact Polarimetric SAR Parameters to Modeled Lake Ice Growth. IEEE Transactions on Geoscience and Remote Sensing, 2021, , 1-15.	6.3	5
5	Sea ice surface temperature retrieval from Landsat 8/TIRS: Evaluation of five methods against in situ temperature records and MODIS IST in Arctic region. Remote Sensing of Environment, 2020, 248, 111975.	11.0	14
6	MYI Floes Identification Based on the Texture and Shape Feature from Dual-Polarized Sentinel-1 Imagery. Remote Sensing, 2020, 12, 3221.	4.0	15
7	Compact Polarimetry Response to Modeled Fast Sea Ice Thickness. Remote Sensing, 2020, 12, 3240.	4.0	8
8	Observations of SAR polarimetric parameters of lake and fast sea ice during the early growth phase. Remote Sensing of Environment, 2020, 247, 111910.	11.0	18
9	The spatio-temporal patterns of landfast ice in Antarctica during 2006â€"2011 and 2016â€"2017 using high-resolution SAR imagery. Remote Sensing of Environment, 2020, 242, 111736.	11.0	11
10	Automatically Extracted Antarctic Coastline Using Remotely-Sensed Data: An Update. Remote Sensing, 2019, 11, 1844.	4.0	15
11	Resolving Fine-Scale Surface Features on Polar Sea Ice: A First Assessment of UAS Photogrammetry Without Ground Control. Remote Sensing, 2019, 11, 784.	4.0	25
12	An Improved Automated Method to Detect Landfast Ice Edge off Zhongshan Station Using SAR Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4737-4746.	4.9	7
13	Simulation of Severe Dust Events over Egypt Using Tuned Dust Schemes in Weather Research Forecast (WRF-Chem). Atmosphere, 2018, 9, 246.	2.3	18
14	The effect of seafloor topography in the Southern Ocean on tabular iceberg drifting and grounding. Science China Earth Sciences, 2017, 60, 697-706.	5.2	5
15	Satellite-Based Sea Ice Navigation for Prydz Bay, East Antarctica. Remote Sensing, 2017, 9, 518.	4.0	20
16	Long-Term, High-Resolution Survey of Atmospheric Aerosols over Egypt with NASAâ€™s MODIS Data. Remote Sensing, 2017, 9, 1027.	4.0	18
17	Semi-Automatic Mapping of Tidal Cracks in the Fast Ice Region near Zhongshan Station in East Antarctica Using Landsat-8 OLI Imagery. Remote Sensing, 2016, 8, 242.	4.0	9
18	Improving Multiyear Sea Ice Concentration Estimates with Sea Ice Drift. Remote Sensing, 2016, 8, 397.	4.0	34

#	Article	IF	Citations
19	Improving Multiyear Ice Concentration Estimates With Reanalysis Air Temperatures. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2602-2614.	6.3	27
20	Interannual Variability of Young Ice in the Arctic Estimated Between 2002 and 2009. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 3354-3370.	6.3	9
21	Validation and potential applications of Environment Canada Ice Concentration Extractor (ECICE) algorithm to Arctic ice by combining AMSR-E and QuikSCAT observations. Remote Sensing of Environment, 2013, 128, 315-332.	11.0	23
22	A New Algorithm (ECICE) to Estimate Ice Concentration From Remote Sensing Observations: An Application to 85-GHz Passive Microwave Data. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 4104-4121.	6.3	46