

Nicolas LongÃ©pÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

449
citations

933447

10
h-index

996975

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g-index

15
all docs

15
docs citations

15
times ranked

723
citing authors

#	ARTICLE	IF	CITATIONS
1	Offshore wind climatology based on synergetic use of Envisat ASAR, ASCAT and QuikSCAT. Remote Sensing of Environment, 2015, 156, 247-263.	11.0	124
2	Assessment of ALOS PALSAR 50 m Orthorectified FBD Data for Regional Land Cover Classification by Support Vector Machines. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2135-2150.	6.3	60
3	A labelled ocean SAR imagery dataset of ten geophysical phenomena from Sentinel-1 wave mode. Geoscience Data Journal, 2019, 6, 105-115.	4.4	40
4	Snowpack Characterization in Mountainous Regions Using C-Band SAR Data and a Meteorological Model. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 406-418.	6.3	39
5	Completing fishing monitoring with spaceborne Vessel Detection System (VDS) and Automatic Identification System (AIS) to assess illegal fishing in Indonesia. Marine Pollution Bulletin, 2018, 131, 33-39.	5.0	39
6	Classification of the global Sentinel-1 SAR vignettes for ocean surface process studies. Remote Sensing of Environment, 2019, 234, 111457.	11.0	36
7	Prediction of Categorized Sea Ice Concentration From Sentinel-1 SAR Images Based on a Fully Convolutional Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5831-5841.	4.9	30
8	Machine Learning for Earth System Observation and Prediction. Bulletin of the American Meteorological Society, 2021, 102, E710-E716.	3.3	18
9	Comparative Evaluation of Sea Ice Lead Detection Based on SAR Imagery and Altimeter Data. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4050-4061.	6.3	15
10	KappaMask: AI-Based Cloudmask Processor for Sentinel-2. Remote Sensing, 2021, 13, 4100.	4.0	15
11	Semantic Segmentation of Metoceanic Processes Using SAR Observations and Deep Learning. Remote Sensing, 2022, 14, 851.	4.0	11
12	Automated Rain Detection by Dual-Polarization Sentinel-1 Data. Remote Sensing, 2021, 13, 3155.	4.0	10
13	Co-Cross-Polarization Coherence Over the Sea Surface From Sentinel-1 SAR Data: Perspectives for Mission Calibration and Wind Field Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	6
14	A new methodology to monitor soil moisture over a complex arctic environment, Kobuk River valley, Alaska. Remote Sensing Letters, 2013, 4, 251-260.	1.4	3
15	Asymptotic Modeling of Three-Dimensional Radar Backscattering from Oil Slicks on Sea Surfaces. Remote Sensing, 2022, 14, 981.	4.0	3