Marion Leduc-Leballeur

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9612901/publications.pdf

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20	312	759233 12	888059 17
papers	citations	h-index	g-index

25	25	25	500
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CAROLS: A New Airborne L-Band Radiometer for Ocean Surface and Land Observations. Sensors, 2011, 11, 719-742.	3.8	51
2	Modeling L-Band Brightness Temperature at Dome C in Antarctica and Comparison With SMOS Observations. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4022-4032.	6.3	42
3	Airâ€“sea interaction in the Gulf of Guinea at intraseasonal timeâ€scales: wind bursts and coastal precipitation in boreal spring. Quarterly Journal of the Royal Meteorological Society, 2013, 139, 387-400.	2.7	25
4	On the retrieval of internal temperature of Antarctica Ice Sheet by using SMOS observations. Remote Sensing of Environment, 2019, 233, 111405.	11.0	23
5	Seasonal influence of the sea surface temperature on the low atmospheric circulation and precipitation in the eastern equatorial Atlantic. Climate Dynamics, 2016, 47, 1127-1142.	3.8	22
6	Analyzing and modeling the SMOS spatial variations in the East Antarctic Plateau. Remote Sensing of Environment, 2016, 180, 193-204.	11.0	20
7	Melt in Antarctica derived from Soil Moisture and Ocean Salinity (SMOS) observations at LÂband. Cryosphere, 2020, 14, 539-548.	3.9	16
8	Remote Sensing of Sea Ice Thickness and Salinity With 0.5â€“2 GHz Microwave Radiometry. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8672-8684.	6.3	15
9	Observation of the marine atmospheric boundary layer in the Gulf of Guinea during the 2006 boreal spring. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 992-1003.	2.7	13
10	Exploiting the ANN Potential in Estimating Snow Depth and Snow Water Equivalent From the Airborne SnowSAR Data at X- and Ku-Bands. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	13
11	Analysis of Strengthening and Dissipating Mesoscale Convective Systems Propagating off the West African Coast. Monthly Weather Review, 2014, 142, 4600-4623.	1.4	12
12	Trains of African Easterly Waves and Their Relationship to Tropical Cyclone Genesis in the Eastern Atlantic. Monthly Weather Review, 2017, 145, 599-616.	1.4	12
13	Influence of snow surface properties on L-band brightness temperature at Dome C, Antarctica. Remote Sensing of Environment, 2017, 199, 427-436.	11.0	12
14	Atmospheric response to seaâ€surface temperature in the eastern equatorial Atlantic at quasiâ€biweekly timeâ€scales. Quarterly Journal of the Royal Meteorological Society, 2014, 140, 1700-1714.	2.7	9
15	Modelling the L-Band Snow-Covered Surface Emission in a Winter Canadian Prairie Environment. Remote Sensing, 2018, 10, 1451.	4.0	8
16	Retrieval of the Absorption Coefficient of L-Band Radiation in Antarctica From SMOS Observations. Remote Sensing, 2018, 10, 1954.	4.0	7
17	500â€“2000-MHz Airborne Brightness Temperature Measurements Over the East Antarctic Plateau. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	7
18	IEEE NS and HM: Snowmelt in antarctica as derived from SMOS observations. , 2017, , .		1

#	Article	IF	Citations
19	Preliminary study for a spaceborne ultrawideband microwave radiometer for the monitoring of cryosphere elements: The cryorad project. , 2017, , .		1
20	Retrieval of ice sheet temperature profile in antarctica by using smos data: A combination of glaciological and microwave emission models. , 2017, , .		0