Marion Leduc-Leballeur

List of Publications by Year
in descending order

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	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
2	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
3	Melt in Antarctica derived from Soil Moisture and Ocean Salinity (SMOS) observations at LÂband. Cryosphere, 2020, 14, 539-548.	3.9	16
4	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
5	On the retrieval of internal temperature of Antarctica Ice Sheet by using SMOS observations. Remote Sensing of Environment, 2019, 233, 111405.	11.0	23
6	Retrieval of the Absorption Coefficient of L-Band Radiation in Antarctica From SMOS Observations. Remote Sensing, 2018, 10, 1954.	4.0	7
7	Modelling the L-Band Snow-Covered Surface Emission in a Winter Canadian Prairie Environment. Remote Sensing, 2018, 10, 1451.	4.0	8
8	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
9	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
10	Retrieval of ice sheet temperature profile in antarctica by using smos data: A combination of glaciological and microwave emission models. , 2017, , .		0
11	IEEE NS and HM: Snowmelt in antarctica as derived from SMOS observations. , 2017, , .		1
12	Preliminary study for a spaceborne ultrawideband microwave radiometer for the monitoring of cryosphere elements: The cryorad project. , 2017, , .		1
13	Analyzing and modeling the SMOS spatial variations in the East Antarctic Plateau. Remote Sensing of Environment, 2016, 180, 193-204.	11.0	20
14	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
15	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
16	Analysis of Strengthening and Dissipating Mesoscale Convective Systems Propagating off the West African Coast. Monthly Weather Review, 2014, 142, 4600-4623.	1.4	12
17	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
18	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

#	Article	IF	Citations
19	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
20	CAROLS: A New Airborne L-Band Radiometer for Ocean Surface and Land Observations. Sensors, 2011, 11, 719-742.	3.8	51