

# Marie-Helene Rio

## List of Publications by Year in descending order

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16  
papers

985  
citations

933447

10  
h-index

1199594

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docs citations

16  
times ranked

1514  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mean Dynamic Topography of the Ocean Derived from Satellite and Drifting Buoy Data Using Three Different Techniques <sup>*</sup> . Journal of Atmospheric and Oceanic Technology, 2009, 26, 1910-1919.	1.3	233
2	The new ESA satellite-only gravity field model via the direct approach. Geophysical Research Letters, 2013, 40, 3607-3612.	4.0	146
3	ESA's satellite-only gravity field model via the direct approach based on all GOCE data. Geophysical Research Letters, 2014, 41, 7508-7514.	4.0	119
4	A global mean dynamic topography and ocean circulation estimation using a preliminary GOCE gravity model. Journal of Geodesy, 2011, 85, 861-879.	3.6	110
5	Copernicus Marine Service Ocean State Report. Journal of Operational Oceanography, 2018, 11, S1-S142.	1.2	96
6	Removing Spurious Low-Frequency Variability in Drifter Velocities. Journal of Atmospheric and Oceanic Technology, 2013, 30, 353-360.	1.3	92
7	The new CNES-CLS18 global mean dynamic topography. Ocean Science, 2021, 17, 789-808.	3.4	71
8	Volume transport of the <scp>A</scp>ntarctic <scp>C</scp>ircumpolar <scp>C</scp>urrent: Production and validation of a 20 year long time series obtained from in situ and satellite observations. Journal of Geophysical Research: Oceans, 2014, 119, 5407-5433.	2.6	39
9	New Insights of the Sicily Channel and Southern Tyrrhenian Sea Variability. Water (Switzerland), 2019, 11, 1355.	2.7	20
10	Improving the Altimeter-Derived Surface Currents Using Sea Surface Temperature (SST) Data: A Sensitivity Study to SST Products. Remote Sensing, 2020, 12, 1601.	4.0	15
11	Satellite Radar Altimetry. , 2017, , 1-70.		14
12	Exploitation of error correlation in a large analysis validation: GlobCurrent case study. Remote Sensing of Environment, 2018, 217, 476-490.	11.0	10
13	A Synergetic Approach for the Space-Based Sea Surface Currents Retrieval in the Mediterranean Sea. Remote Sensing, 2019, 11, 1285.	4.0	9
14	Combining altimetric/gravimetric and ocean model mean dynamic topography models in the GOCINA region. , 2007, , 3-10.		7
15	Absolute Dynamic Topography from Altimetry: Status and Prospects in the Upcoming GOCE Era. , 2010, , 165-179.		4
16	Comparison of Satellite-Only Gravity Field Models Constructed with All and Parts of the GOCE Gravity Gradient Dataset. Marine Geodesy, 2016, 39, 238-255.	2.0	0