

# Thomas Flament

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

576  
citations

840776

11  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic thinning of Antarctic glaciers from along-track repeat radar altimetry. <i>Journal of Glaciology</i> , 2012, 58, 830-840.	2.2	140
2	Spatial and temporal Antarctic Ice Sheet mass trends, glacioisostatic adjustment, and surface processes from a joint inversion of satellite altimeter, gravity, and GPS data. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 182-200.	2.8	94
3	Mass loss of the Amundsen Sea Embayment of West Antarctica from four independent techniques. <i>Geophysical Research Letters</i> , 2014, 41, 8421-8428.	4.0	91
4	Initial Assessment of the Performance of the First Wind Lidar in Space on Aeolus. <i>EPJ Web of Conferences</i> , 2020, 237, 01010.	0.3	51
5	Rapid dynamic activation of a marine-based Arctic ice cap. <i>Geophysical Research Letters</i> , 2014, 41, 8902-8909.	4.0	43
6	Californian Wildfire Smoke Over Europe: A First Example of the Aerosol Observing Capabilities of Aeolus Compared to Ground-Based Lidar. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092194.	4.0	34
7	Envisat-derived elevation changes of the Greenland ice sheet, and a comparison with ICESat results in the accumulation area. <i>Remote Sensing of Environment</i> , 2015, 160, 56-62.	11.0	26
8	Envisat and SARAL/AltiKa Observations of the Antarctic Ice Sheet: A Comparison Between the Ku-band and Ka-band. <i>Marine Geodesy</i> , 2015, 38, 510-521.	2.0	23
9	Aeolus L2A aerosol optical properties product: standard correct algorithm and Mie correct algorithm. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 7851-7871.	3.1	21
10	Ice sheet survey over Antarctica using satellite altimetry: ERS-2, Envisat, SARAL/AltiKa, the key importance of continuous observations along the same repeat orbit. <i>International Journal of Remote Sensing</i> , 2014, 35, 5497-5512.	2.9	18
11	Study of the Penetration Bias of ENVISAT Altimeter Observations over Antarctica in Comparison to ICESat Observations. <i>Remote Sensing</i> , 2014, 6, 9412-9434.	4.0	14
12	Optimization of Aeolus' aerosol optical properties by maximum-likelihood estimation. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 185-203.	3.1	6
13	Spectral performance analysis of the Aeolus Fabry-Pérot and Fizeau interferometers during the first years of operation. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 1465-1489.	3.1	6
14	Aerosol optical properties retrieved from the future space lidar mission ADM-aeolus. <i>EPJ Web of Conferences</i> , 2018, 176, 02019.	0.3	2