

# Thomas Flament

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

576  
citations

840776

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h-index

1058476

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20  
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docs citations

20  
times ranked

887  
citing authors

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