

Florent F Malavelle

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,114
citations

759233

12
h-index

1125743

13
g-index

24
all docs

24
docs citations

24
times ranked

2081
citing authors

#	ARTICLE	IF	CITATIONS
1	Bounding Global Aerosol Radiative Forcing of Climate Change. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000660.	23.0	424
2	Strong constraints on aerosol–cloud interactions from volcanic eruptions. <i>Nature</i> , 2017, 546, 485-491.	27.8	191
3	Updated African biomass burning emission inventories in the framework of the AMMA-IDAF program, with an evaluation of combustion aerosols. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9631-9646.	4.9	116
4	Biomass burning related ozone damage on vegetation over the Amazon forest: a model sensitivity study. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2791-2804.	4.9	60
5	The CLoud–Aerosol–Radiation Interaction and Forcing: Year 2017 (CLARIFY-2017) measurement campaign. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 1049-1084.	4.9	57
6	Opportunistic experiments to constrain aerosol effective radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 641-674.	4.9	44
7	Studying the impact of biomass burning aerosol radiative and climate effects on the Amazon rainforest productivity with an Earth system model. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1301-1326.	4.9	41
8	Surprising similarities in model and observational aerosol radiative forcing estimates. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 613-623.	4.9	39
9	Saharan dust and biomass burning aerosols during ex-hurricane Ophelia: observations from the new UK lidar and sun-photometer network. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3557-3578.	4.9	32
10	Simulation of aerosol radiative effects over West Africa during DABEX and AMMA SOP-0. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	29
11	A method to represent subgrid-scale updraft velocity in kilometer-scale models: Implication for aerosol activation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 4149-4173.	3.3	19
12	Cloud physics from space. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 2854-2875.	2.7	18
13	A parameterisation for the activation of cloud drops including the effects of semi-volatile organics. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2289-2302.	4.9	8