

Katie A Read

List of Publications by Year in descending order

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31
papers

2,113
citations

304743

22
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

3183
citing authors

#	ARTICLE	IF	CITATIONS
1	Observations and modelling of glyoxal in the tropical Atlantic marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5535-5557.	4.9	3
2	Long-term NO ₂ and HO ₂ measurements in the remote marine tropical troposphere. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 3071-3085.	3.1	10
3	Quantifying bioaerosol concentrations in dust clouds through online UV-LIF and mass spectrometry measurements at the Cape Verde Atmospheric Observatory. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14473-14490.	4.9	3
4	Discrepancy between simulated and observed ethane and propane levels explained by underestimated fossil emissions. <i>Nature Geoscience</i> , 2018, 11, 178-184.	12.9	56
5	Impacts of bromine and iodine chemistry on tropospheric OH and HO ₂ : comparing observations with box and global model perspectives. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3541-3561.	4.9	24
6	Recent multivariate changes in the North Atlantic climate system, with a focus on 2005–2016. <i>International Journal of Climatology</i> , 2018, 38, 5050-5076.	3.5	34
7	Global impact of nitrate photolysis in sea-salt aerosol on NO ₂ , OH, and O ₃ in the marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11185-11203.	4.9	62
8	Four years (2011–2015) of total gaseous mercury measurements from the Cape Verde Atmospheric Observatory. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5393-5406.	4.9	8
9	Evidence for renoxification in the tropical marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 4081-4092.	4.9	47
10	Multi-model study of mercury dispersion in the atmosphere: atmospheric processes and model evaluation. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5271-5295.	4.9	76
11	Tropospheric Ozone Assessment Report: Database and metrics data of global surface ozone observations. <i>Elementa</i> , 2017, 5, .	3.2	172
12	Atmospheric mercury concentrations observed at ground-based monitoring sites globally distributed in the framework of the GMOS network. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11915-11935.	4.9	185
13	Mass deposition fluxes of Saharan mineral dust to the tropical northeast Atlantic Ocean: an intercomparison of methods. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2245-2266.	4.9	22
14	Perspectives and Integration in SOLAS Science. <i>Springer Earth System Sciences</i> , 2014, , 247-306.	0.2	2
15	The influence of biomass burning on the global distribution of selected non-methane organic compounds. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 851-867.	4.9	68
16	Seasonal observations of OH and HO ₂ in the remote tropical marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2149-2172.	4.9	42
17	Multiannual Observations of Acetone, Methanol, and Acetaldehyde in Remote Tropical Atlantic Air: Implications for Atmospheric OVOC Budgets and Oxidative Capacity. <i>Environmental Science & Technology</i> , 2012, 46, 11028-11039.	10.0	70
18	Reactive Halogens in the Marine Boundary Layer (RHaMBLe): the tropical North Atlantic experiments. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 1031-1055.	4.9	66

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19	Seasonal characteristics of tropical marine boundary layer air measured at the Cape Verde Atmospheric Observatory. <i>Journal of Atmospheric Chemistry</i> , 2010, 67, 87-140.	3.2	97
20	A flow-tube based laser-induced fluorescence instrument to measure OH reactivity in the troposphere. <i>Atmospheric Measurement Techniques</i> , 2009, 2, 465-477.	3.1	73
21	Measurement and calculation of OH reactivity at a United Kingdom coastal site. <i>Journal of Atmospheric Chemistry</i> , 2009, 64, 53-76.	3.2	38
22	Extensive halogen-mediated ozone destruction over the tropical Atlantic Ocean. <i>Nature</i> , 2008, 453, 1232-1235.	27.8	432
23	Chemistry of the Antarctic Boundary Layer and the Interface with Snow: an overview of the CHABLIS campaign. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 3789-3803.	4.9	73
24	Measurement and interpretation of gas phase formaldehyde concentrations obtained during the CHABLIS campaign in coastal Antarctica. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 4085-4093.	4.9	23
25	DMS and MSA measurements in the Antarctic Boundary Layer: impact of BrO on MSA production. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 2985-2997.	4.9	87
26	Night-time radical chemistry during the NAMBLEX campaign. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 587-598.	4.9	28
27	Seasonal variation of peroxyacetyl nitrate (PAN) in coastal Antarctica measured with a new instrument for the detection of sub-part per trillion mixing ratios of PAN. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 4589-4599.	4.9	26
28	OH and halogen atom influence on the variability of non-methane hydrocarbons in the Antarctic Boundary Layer. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2007, 59, 22-38.	1.6	69
29	The North Atlantic Marine Boundary Layer Experiment (NAMBLEX). Overview of the campaign held at Mace Head, Ireland, in summer 2002. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 2241-2272.	4.9	65
30	Uptake of methanol to the North Atlantic Ocean surface. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	4.9	51
31	A two-column method for long-term monitoring of non-methane hydrocarbons (NMHCs) and oxygenated volatile organic compounds (o-VOCs). <i>Journal of Environmental Monitoring</i> , 2003, 5, 8-13.	2.1	98