

# Moa K Sporre

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

589  
citations

759233

12  
h-index

642732

23  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Summary of a workshop on extreme weather events in a warming world organized by the Royal Swedish Academy of Sciences. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 72, 1794236.	1.6	11
2	Springtime Stratospheric Volcanic Aerosol Impact on Midlatitude Cirrus Clouds. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4
3	Five-satellite-sensor study of the rapid decline of wildfire smoke in the stratosphere. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 3967-3984.	4.9	3
4	Implementing a sectional scheme for early aerosol growth from new particle formation in the Norwegian Earth System Model v2: comparison to observations and climate impacts. <i>Geoscientific Model Development</i> , 2021, 14, 3335-3359.	3.6	6
5	Reduced effective radiative forcing from cloud-aerosol interactions (ERF <sub>aci</sub> ) with improved treatment of early aerosol growth in an Earth system model. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 17243-17265.	4.9	3
6	Methodology to obtain highly resolved SO <sub>2</sub> vertical profiles for representation of volcanic emissions in climate models. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 7153-7165.	3.1	0
7	Large difference in aerosol radiative effects from BVOC-SOA treatment in three Earth system models. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8953-8973.	4.9	27
8	Evaluation of aerosol and cloud properties in three climate models using MODIS observations and its corresponding COSP simulator, as well as their application in aerosol-cloud interactions. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 1607-1626.	4.9	12
9	Urban PM <sub>2.5</sub> Induces Cellular Toxicity, Hormone Dysregulation, Oxidative Damage, Inflammation, and Mitochondrial Interference in the HRT8 Trophoblast Cell Line. <i>Frontiers in Endocrinology</i> , 2020, 11, 75.	3.5	62
10	Ship plumes in the Baltic Sea Sulfur Emission Control Area: chemical characterization and contribution to coastal aerosol concentrations. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9135-9151.	4.9	10
11	On the Relationship of Biogenic Primary and Secondary Organic Aerosol Tracer Compounds on the Aethalometer Model Parameters. <i>Aerosol and Air Quality Research</i> , 2020, 20, 2654-2668.	2.1	3
12	BVOC-aerosol climate feedbacks investigated using NorESM. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4763-4782.	4.9	54
13	Diesel soot aging in urban plumes within hours under cold dark and humid conditions. <i>Scientific Reports</i> , 2017, 7, 12364.	3.3	24
14	Exploring sources of biogenic secondary organic aerosol compounds using chemical analysis and the FLEXPART model. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 11025-11040.	4.9	25
15	Carbonaceous aerosol source apportionment using the Aethalometer model - evaluation by radiocarbon and levoglucosan analysis at a rural background site in southern Sweden. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 4265-4281.	4.9	72
16	Evaluation of $\delta^{13}C$ in Carbonaceous Aerosol Source Apportionment at a Rural Measurement Site. <i>Aerosol and Air Quality Research</i> , 2017, 17, 2081-2094.	2.1	23
17	Comparison of MODIS and VIIRS cloud properties with ARM ground-based observations over Finland. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 3193-3203.	3.1	6
18	Significant increase of aerosol number concentrations in air masses crossing a densely trafficked sea area. <i>Oceanologia</i> , 2016, 58, 1-12.	2.2	14

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19	Influence of volcanic eruptions on midlatitude upper tropospheric aerosol and consequences for cirrus clouds. <i>Earth and Space Science</i> , 2015, 2, 285-300.	2.6	10
20	Effective Density and Mixing State of Aerosol Particles in a Near-Traffic Urban Environment. <i>Environmental Science &amp; Technology</i> , 2014, 48, 6300-6308.	10.0	103
21	A long-term satellite study of aerosol effects on convective clouds in Nordic background air. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2203-2217.	4.9	19
22	Aerosol indirect effects on continental low-level clouds over Sweden and Finland. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 12167-12179.	4.9	9
23	A study of the indirect aerosol effect on subarctic marine liquid low-level clouds using MODIS cloud data and ground-based aerosol measurements. <i>Atmospheric Research</i> , 2012, 116, 56-66.	4.1	13
24	Hygroscopic properties of the ambient aerosol in southern Sweden – a two year study. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 8343-8361.	4.9	70