

# Henrik Grythe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/35676/publications.pdf>

Version: 2024-02-01

18  
papers

1,633  
citations

759233

12  
h-index

839539

18  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3074  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric transport is a major pathway of microplastics to remote regions. <i>Nature Communications</i> , 2020, 11, 3381.	12.8	489
2	The Lagrangian particle dispersion model FLEXPART version 10.4. <i>Geoscientific Model Development</i> , 2019, 12, 4955-4997.	3.6	238
3	Commercial Arctic shipping through the Northeast Passage: routes, resources, governance, technology, and infrastructure. <i>Polar Geography</i> , 2014, 37, 298-324.	1.9	199
4	A review of sea-spray aerosol source functions using a large global set of sea salt aerosol concentration measurements. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1277-1297.	4.9	192
5	The influence of cruise ship emissions on air pollution in Svalbard – a harbinger of a more polluted Arctic?. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8401-8409.	4.9	94
6	Substantial contribution of northern high-latitude sources to mineral dust in the Arctic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13678-13697.	3.3	93
7	An empirically derived inorganic sea spray source function incorporating sea surface temperature. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11047-11066.	4.9	70
8	A new aerosol wet removal scheme for the Lagrangian particle model FLEXPART v10. <i>Geoscientific Model Development</i> , 2017, 10, 1447-1466.	3.6	68
9	Interactions between the atmosphere, cryosphere, and ecosystems at northern high latitudes. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2015-2061.	4.9	42
10	Contribution of ship traffic to aerosol particle concentrations downwind of a major shipping lane. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 8255-8267.	4.9	23
11	The MetVed model: development and evaluation of emissions from residential wood combustion at high spatio-temporal resolution in Norway. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10217-10237.	4.9	23
12	Webcrawling and machine learning as a new approach for the spatial distribution of atmospheric emissions. <i>PLoS ONE</i> , 2018, 13, e0200650.	2.5	15
13	Comparison of Spheroidal Carbonaceous Particle Data with Modelled Atmospheric Black Carbon Concentration and Deposition and Air Mass Sources in Northern Europe, 1850–2010. <i>Advances in Meteorology</i> , 2013, 2013, 1-15.	1.6	14
14	Evaluating the effectiveness of a stove exchange programme on $P_{M_{10}}$ emission reduction. <i>Atmospheric Environment</i> , 2020, 231, 117529.	4.1	13
15	The who, why and where of Norway's $C_{OC2}$ emissions from tourist travel. <i>Environmental Advances</i> , 2021, 5, 100104.	4.8	1
16	Evaluation of traffic control measures in Oslo region and its effect on current air quality policies in Norway. <i>Transport Policy</i> , 2020, 99, 251-261.	6.6	12
17	Costs and benefits of implementing an Environmental Speed Limit in a Nordic city. <i>Science of the Total Environment</i> , 2020, 720, 137577.	8.0	11
18	Aerosol optical properties calculated from size distributions, filter samples and absorption photometer data at Dome C, Antarctica, and their relationships with seasonal cycles of sources. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5033-5069.	4.9	3