Ove Hermansen

List of Publications by Year
in descending order

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40	1,991	279798 23	302126 39
papers	citations	h-index	g-index

57	57	57	3646
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unexpected nascent atmospheric emissions of three ozone-depleting hydrochlorofluorocarbons. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	16
2	Large seasonal and interannual variations of biogenic sulfur compounds in the Arctic atmosphere (Svalbard; 78.9Â°â€‰N, 11.9Â°â€‰E). Atmospheric Chemistry and Physics, 2021, 21, 9761-9777.	4.9	11
3	Dimethyl Sulfideâ€Induced Increase in Cloud Condensation Nuclei in the Arctic Atmosphere. Global Biogeochemical Cycles, 2021, 35, e2021GB006969.	4.9	20
4	Evaluation and optimization of ICOS atmosphere station data as part of the labeling process. Atmospheric Measurement Techniques, 2021, 14, 89-116.	3.1	13
5	The fingerprint of the summer 2018 drought in Europe on ground-based atmospheric CO₂measurements. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190513.	4.0	31
6	Consumption of CH₃Cl, CH₃Br, and CH₃I and emission of CHCl₃, CHBr₃, and CH₂Br₂ from the forefield of a retreating Arctic glacier. Atmospheric Chemistry and Physics, 2020, 20, 7243-7258.	4.9	6
7	Perfluorocyclobutane (PFC-318,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (<i>c</i>-C&l in the global atmosphere. Atmospheric Chemistry and Physics, 2019, 19, 10335-10359.	4.9	22
8	Yearâ€Round In Situ Measurements of Arctic Lowâ€Level Clouds: Microphysical Properties and Their Relationships With Aerosols. Journal of Geophysical Research D: Atmospheres, 2019, 124, 1798-1822.	3.3	31
9	Very Strong Atmospheric Methane Growth in the 4ÂYears 2014â€“2017: Implications for the Paris Agreement. Global Biogeochemical Cycles, 2019, 33, 318-342.	4.9	353
10	Atmospheric DMS in the Arctic Ocean and Its Relation to Phytoplankton Biomass. Global Biogeochemical Cycles, 2018, 32, 351-359.	4.9	30
11	Inverse modelling of European CH₄ emissions during 2006â€“2012 using different inverse models and reassessed atmospheric observations. Atmospheric Chemistry and Physics, 2018, 18, 901-920.	4.9	77
12	Atmospheric histories and emissions of chlorofluorocarbons CFC-13 (CClF₃), Î±CFC-114 (C₂Cl₂F<sub>4</sub&amp and CFC-115 (C₂ClF₅). Atmospheric Chemistry and Physics, 2018, 18, 979-1002.	4.9	83
13	Methane at Svalbard and over the European Arctic Ocean. Atmospheric Chemistry and Physics, 2018, 18, 17207-17224.	4.9	19
14	Effect of seasonal mesoscale and microscale meteorological conditions in Ny-Ã…lesund on results of monitoring of long-range transported pollution. Polar Research, 2018, 37, 1508196.	1.6	14
15	Temporal Variability in Surface Water pCO₂ in Adventfjorden (West Spitsbergen) With Emphasis on Physical and Biogeochemical Drivers. Journal of Geophysical Research: Oceans, 2018, 123, 4888-4905.	2.6	11
16	History of chemically and radiatively important atmospheric gases from the Advanced Global Atmospheric Gases Experiment (AGAGE). Earth System Science Data, 2018, 10, 985-1018.	9.9	179
17	Detectability of Arctic methane sources at six sites performing continuous atmospheric measurements. Atmospheric Chemistry and Physics, 2017, 17, 8371-8394.	4.9	20
18	Tropospheric Ozone Assessment Report: Database and metrics data of global surface ozone observations. Elementa, 2017, 5, .	3.2	172

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19	Extensive release of methane from Arctic seabed west of Svalbard during summer 2014 does not influence the atmosphere. Geophysical Research Letters, 2016, 43, 4624-4631.	4.0	74
20	Atmospheric histories and global emissions of halons Hâ€•1211 (CBrClF₂), Hâ€•1301 (CBrF₃), and Hâ€•2402 (CBrF₂CBrF₂). Journal of Geophysical Research D: Atmospheres, 2016, 121, 3663-3686.	3.3	24
21	Global and regional emissions estimates of 1,1-difluoroethane (HFC-152a,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (CH&a and air archive observations. Atmospheric Chemistry and Physics, 2016, 16, 365-382.	4.9	30
22	Atmospheric constraints on the methane emissions from the East Siberian Shelf. Atmospheric Chemistry and Physics, 2016, 16, 4147-4157.	4.9	69
23	Constraints on oceanic methane emissions west of Svalbard from atmospheric in situ measurements and Lagrangian transport modeling. Journal of Geophysical Research D: Atmospheres, 2016, 121, 14188-14200.	3.3	10
24	Influence of local and regional air pollution on atmospheric measurements in Ny-Ã…lesund. International Journal of Sustainable Development and Planning, 2016, 11, 578-587.	0.7	9
25	Reconciling reported and unreported HFC emissions with atmospheric observations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5927-5931.	7.1	66
26	HFC-43-10mee atmospheric abundances and global emission estimates. Geophysical Research Letters, 2014, 41, 2228-2235.	4.0	12
27	Corrigendum to "Global and regional emission estimates for HCFC-22", Atmos. Chem. Phys., 12, 10033â€“10050, 2012. Atmospheric Chemistry and Physics, 2014, 14, 4857-4858.	4.9	4
28	Global emissions of HFC-143a (CH₃CF₃) and HFC-32 (CH₂F₂) from in situ and air archive atmospheric observations. Atmospheric Chemistry and Physics, 2014, 14, 9249-9258.	4.9	39
29	Linking atmospheric dimethyl sulfide and the Arctic Ocean spring bloom. Geophysical Research Letters, 2013, 40, 155-160.	4.0	41
30	The influence of cruise ship emissions on air pollution in Svalbard â€“ a harbinger of a more polluted Arctic?. Atmospheric Chemistry and Physics, 2013, 13, 8401-8409.	4.9	94
31	Global and regional emission estimates for HCFC-22. Atmospheric Chemistry and Physics, 2012, 12, 10033-10050.	4.9	40
32	Atmospheric histories and global emissions of the anthropogenic hydrofluorocarbons HFC-365mfc, HFC-245fa, HFC-227ea, and HFC-236fa. Journal of Geophysical Research, 2011, 116, .	3.3	48
33	Arctic methane sources: Isotopic evidence for atmospheric inputs. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	119
34	Indoor and Outdoor Particle Number and Mass Concentrations in Athens. Sources, Sinks and Variability of Aerosol Parameters. Aerosol and Air Quality Research, 2011, 11, 632-642.	2.1	61
35	Global and regional emissions of HFCâ€•125 (CHF₂CF₃) from in situ and air archive atmospheric observations at AGAGE and SOGE observatories. Journal of Geophysical Research, 2009, 114, .	3.3	38
36	Changes in aerosol properties during spring-summer period in the Arctic troposphere. Atmospheric Chemistry and Physics, 2008, 8, 445-462.	4.9	86

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37	Observations of 1,1-difluoroethane (HFC-152a) at AGAGE and SOGE monitoring stations in 1994â€“2004 and derived global and regional emission estimates. Journal of Geophysical Research, 2007, 112, .	3.3	48
38	Atmospheric methane at Zeppelin Station in Ny-Ã…lesund: Presentation and analysis of in situ measurements. Journal of Environmental Monitoring, 2005, 7, 488.	2.1	7
39	INDOOR BLACK CARBON AND AEROSOL PRECURSORS IN THREE TYPICAL RESIDENTIAL APARTMENTS IN ATHENS, GREECE. Journal of Aerosol Science, 2004, 35, S745-S746.	3.8	0
40	A Tracer Method for Evaluating Recirculation of Pollutant Releases in Buildings. AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety, 2002, 63, 234-238.	0.4	2