

Kjetil TÃ¸rseth

List of Publications by Year in descending order

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53
papers

4,710
citations

218592

26
h-index

175177

52
g-index

53
all docs

53
docs citations

53
times ranked

5980
citing authors

#	ARTICLE	IF	CITATIONS
1	A European aerosol phenomenologyâ€™2: chemical characteristics of particulate matter at kerbside, urban, rural and background sites in Europe. Atmospheric Environment, 2004, 38, 2579-2595.	1.9	801
2	Introduction to the European Monitoring and Evaluation Programme (EMEP) and observed atmospheric composition change during 1972â€™2009. Atmospheric Chemistry and Physics, 2012, 12, 5447-5481.	1.9	527
3	A European aerosol phenomenologyâ€™1: physical characteristics of particulate matter at kerbside, urban, rural and background sites in Europe. Atmospheric Environment, 2004, 38, 2561-2577.	1.9	494
4	Arctic smoke â€™ record high air pollution levels in the European Arctic due to agricultural fires in Eastern Europe in spring 2006. Atmospheric Chemistry and Physics, 2007, 7, 511-534.	1.9	372
5	Regional scale evidence for improvements in surface water chemistry 1990â€™2001. Environmental Pollution, 2005, 137, 165-176.	3.7	343
6	Determination of time- and height-resolved volcanic ash emissions and their use for quantitative ash dispersion modeling: the 2010 EyjafjallajÃ¶kull eruption. Atmospheric Chemistry and Physics, 2011, 11, 4333-4351.	1.9	333
7	Pan-Arctic enhancements of light absorbing aerosol concentrations due to North American boreal forest fires during summer 2004. Journal of Geophysical Research, 2006, 111, .	3.3	205
8	Elemental and organic carbon in PM<sub>10</sub>; a one year measurement campaign within the European Monitoring and Evaluation Programme EMEP. Atmospheric Chemistry and Physics, 2007, 7, 5711-5725.	1.9	177
9	Measuring atmospheric composition change. Atmospheric Environment, 2009, 43, 5351-5414.	1.9	160
10	Fire in the Air: Biomass Burning Impacts in a Changing Climate. Critical Reviews in Environmental Science and Technology, 2013, 43, 40-83.	6.6	125
11	One year of particle size distribution and aerosol chemical composition measurements at the Zeppelin Station, Svalbard, March 2000â€™March 2001. Physics and Chemistry of the Earth, 2003, 28, 1181-1190.	1.2	111
12	Acid water and fish death. Nature, 1994, 372, 327-328.	13.7	74
13	Indoor/outdoor particulate matter number and mass concentration in modern offices. Building and Environment, 2015, 92, 462-474.	3.0	63
14	The Global Atmosphere Watch reactive gases measurement network. Elementa, 0, 3, .	1.1	63
15	Contribution of forest fire emissions to atmospheric pollution in Greece. Air Quality, Atmosphere and Health, 2008, 1, 143-158.	1.5	61
16	The possible influence of nitrogen and acid deposition on forest growth in Norway. Forest Ecology and Management, 2004, 192, 241-249.	1.4	55
17	Past and future trends in concentrations of sulphur and nitrogen compounds in the Arctic. Atmospheric Environment, 2009, 43, 928-939.	1.9	48
18	Extreme acidification in small catchments in southwestern Norway associated with a sea salt episode. Water, Air, and Soil Pollution, 1995, 85, 547-552.	1.1	41

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19	Airborne concentrations and deposition fluxes of major and trace species at marine stations in Southern Scandinavia. <i>Atmospheric Environment</i> , 1996, 30, 3857-3872.	1.9	39
20	Temperature dependent secondary organic aerosol formation from terpenes and aromatics. <i>Journal of Atmospheric Chemistry</i> , 2008, 59, 25-46.	1.4	39
21	Indirect evidence of the composition of nucleation mode atmospheric particles in the high Arctic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 965-975.	1.2	37
22	Sulphur and nitrogen deposition in Norway, status and trends. <i>Water, Air, and Soil Pollution</i> , 1995, 85, 623-628.	1.1	35
23	Measurements of particulate matter within the framework of the European Monitoring and Evaluation Programme (EMEP). <i>Science of the Total Environment</i> , 2002, 285, 209-235.	3.9	35
24	Gridded global surface ozone metrics for atmospheric chemistry model evaluation. <i>Earth System Science Data</i> , 2016, 8, 41-59.	3.7	34
25	Changes of forest health in Norwegian boreal forests during 15 years. <i>Forest Ecology and Management</i> , 2000, 127, 103-118.	1.4	32
26	Deposition of nitrogen and other major inorganic compounds in Norway, 1992–1996. <i>Environmental Pollution</i> , 1998, 102, 299-304.	3.7	31
27	The Significance of the North Atlantic Oscillation (NAO) for Sea-Salt Episodes and Acidification-Related Effects in Norwegian Rivers. <i>Environmental Science & Technology</i> , 2004, 38, 26-33.	4.6	30
28	Abating N in Nordic agriculture - Policy, measures and way forward. <i>Journal of Environmental Management</i> , 2019, 236, 674-686.	3.8	27
29	Crown condition of Norway spruce in relation to sulphur and nitrogen deposition and soil properties in southeast Norway. <i>Environmental Pollution</i> , 1997, 96, 19-27.	3.7	26
30	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2001, 130, 1073-1078.	1.1	26
31	Particle number size distribution in the eastern Mediterranean: Formation and growth rates of ultrafine airborne atmospheric particles. <i>Atmospheric Environment</i> , 2013, 77, 790-802.	1.9	25
32	Decrease in Acid Deposition - Recovery in Norwegian Waters. <i>Water, Air, and Soil Pollution</i> , 2001, 130, 1433-1438.	1.1	22
33	Atmospheric Emission Inventory for Natural and Anthropogenic Sources and Spatial Emission Mapping for the Greater Athens Area. <i>Water, Air, and Soil Pollution</i> , 2011, 219, 507-526.	1.1	20
34	Assessing PM ₁₀ source reduction in urban agglomerations for air quality compliance. <i>Journal of Environmental Monitoring</i> , 2012, 14, 266-278.	2.1	20
35	New Directions: The future of European urban air quality monitoring. <i>Atmospheric Environment</i> , 2014, 87, 258-260.	1.9	19
36	Ozone deposition to a temperate coniferous forest in Norway; gradient method measurements and comparison with the EMEP deposition module. <i>Atmospheric Environment</i> , 2004, 38, 2217-2223.	1.9	16

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37	Temporal and spatial variations of airborne Mg, Cl, Na, Ca and K in rural areas of Norway. <i>Science of the Total Environment</i> , 1999, 234, 75-85.	3.9	13
38	PM10 levels at urban, suburban, and background locations in the eastern Mediterranean: local versus regional sources with emphasis on African dust. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 1359-1371.	1.5	13
39	Requirements for developing a regional monitoring capacity for aerosols in Europe within EMEP. <i>Journal of Environmental Monitoring</i> , 2004, 6, 646-655.	2.1	12
40	Overview of the biosphere-aerosol-cloud-climate interactions (BACCI) studies. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2008, 60, 300-317.	0.8	12
41	Trends, composition, and sources of carbonaceous aerosol at the Birkenes Observatory, northern Europe, 2001–2018. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7149-7170.	1.9	12
42	N Leaching from Small Upland Headwater Catchments in Southwestern Norway. <i>Water, Air, and Soil Pollution</i> , 2007, 179, 323-340.	1.1	11
43	Number Concentrations and Modal Structure of Indoor/Outdoor Fine Particles in Four European Cities. <i>Aerosol and Air Quality Research</i> , 2017, 17, 131-146.	0.9	11
44	Title is missing!. <i>Journal of Atmospheric Chemistry</i> , 1998, 30, 241-271.	1.4	9
45	Coherent responses of sulphate concentration in Norwegian lakes: relationships with sulphur deposition and climate indices. <i>Hydrology and Earth System Sciences</i> , 2003, 7, 596-608.	1.9	9
46	Relations between Winter Climate and Ionic Variations in a Seven-Meter-Deep Snowpack at Okstindan, Norway. <i>Arctic, Antarctic, and Alpine Research</i> , 2000, 32, 189.	0.4	8
47	Processes affecting deposition of oxidised nitrogen and associated species in the coastal areas of Norway. <i>Atmospheric Environment</i> , 2000, 34, 207-217.	1.9	7
48	The effect of forest fires in emissions of biogenic volatile organic compounds and windblown dust over urban areas. <i>Air Quality, Atmosphere and Health</i> , 2013, 6, 277-294.	1.5	6
49	The Importance of Nitrogen Oxides for the Exceedance of Critical Thresholds in the Nordic Countries. <i>Water, Air, and Soil Pollution</i> , 2001, 130, 1739-1744.	1.1	5
50	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2001, 130, 1493-1498.	1.1	5
51	Modelling of particle resuspension by a turbulent airflow and the role of particle size, surface roughness and electric charge. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 817-843.	1.4	4
52	Contribution of Natural Sources to PM Emissions over the Metropolitan Areas of Athens and Thessaloniki. <i>Aerosol and Air Quality Research</i> , 2015, 15, 1300-1312.	0.9	4
53	Behaviour of sulphur and nitrogen compounds measured at marine stations Lista and Sjølyngby in Scandinavia. <i>Water, Air, and Soil Pollution</i> , 1995, 85, 2039-2044.	1.1	3