Niku KivekÃ¤s

List of Publications by Year
in descending order

29	1,929	394421 19	526287 27
papers	citations	h-index	g-index

40	40	40	2938
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global observations of aerosol-cloud-precipitation-climate interactions. Reviews of Geophysics, 2014, 52, 750-808.	23.0	316
2	Number size distributions and seasonality of submicron particles in Europe 2008â€“2009. Atmospheric Chemistry and Physics, 2011, 11, 5505-5538.	4.9	214
3	Explaining global surface aerosol number concentrations in terms of primary emissions and particle formation. Atmospheric Chemistry and Physics, 2010, 10, 4775-4793.	4.9	212
4	Commercial Arctic shipping through the Northeast Passage: routes, resources, governance, technology, and infrastructure. Polar Geography, 2014, 37, 298-324.	1.9	199
5	The direct and indirect radiative effects of biogenic secondary organic aerosol. Atmospheric Chemistry and Physics, 2014, 14, 447-470.	4.9	175
6	Global analysis of continental boundary layer new particle formation based on long-term measurements. Atmospheric Chemistry and Physics, 2018, 18, 14737-14756.	4.9	113
7	Long term particle size distribution measurements at Mount Waliguan, a high-altitude site in inland China. Atmospheric Chemistry and Physics, 2009, 9, 5461-5474.	4.9	94
8	Secondary new particle formation in Northern Finland Pallas site between the years 2000 and 2010. Atmospheric Chemistry and Physics, 2011, 11, 12959-12972.	4.9	84
9	Aerosol decadal trends â€“ Part 2: In-situ aerosol particle number concentrations at GAW and ACTRIS stations. Atmospheric Chemistry and Physics, 2013, 13, 895-916.	4.9	78
10	Soot on Snow experiment: bidirectional reflectance factor measurements of contaminated snow. Cryosphere, 2015, 9, 2323-2337.	3.9	50
11	Variations in tropospheric submicron particle size distributions across the European continent 2008â€“2009. Atmospheric Chemistry and Physics, 2014, 14, 4327-4348.	4.9	41
12	Measurements of the relation between aerosol properties and microphysics and chemistry of low level liquid water clouds in Northern Finland. Atmospheric Chemistry and Physics, 2008, 8, 6925-6938.	4.9	33
13	Spatial distribution and occurrence probability of regional new particle formation events in eastern China. Atmospheric Chemistry and Physics, 2018, 18, 587-599.	4.9	31
14	Relationships between particles, cloud condensation nuclei and cloud droplet activation during the third Pallas Cloud Experiment. Atmospheric Chemistry and Physics, 2012, 12, 11435-11450.	4.9	29
15	Modeling the role of highly oxidized multifunctional organicÂmolecules for the growth of new particles overÂtheÂborealÂforestÂregion. Atmospheric Chemistry and Physics, 2017, 17, 8887-8901.	4.9	29
16	Light-absorption of dust and elemental carbon in snow in the Indian Himalayas and the Finnish Arctic. Atmospheric Measurement Techniques, 2018, 11, 1403-1416.	3.1	27
17	Concentrations and Adsorption Isotherms for Amphiphilic Surfactants in PM₁ Aerosols from Different Regions of Europe. Environmental Science & Technology, 2019, 53, 12379-12388.	10.0	25
18	Contribution of ship traffic to aerosol particle concentrations downwind of a major shipping lane. Atmospheric Chemistry and Physics, 2014, 14, 8255-8267.	4.9	23

#	Article	IF	Citations
19	Analysis of particle size distribution changes between three measurement sites in northern Scandinavia. Atmospheric Chemistry and Physics, 2013, 13, 11887-11903.	4.9	22
20	Driving Factors of Aerosol Properties Over the Foothills of Central Himalayas Based on 8.5ÂYears Continuous Measurements. Journal of Geophysical Research D: Atmospheres, 2018, 123, 13,421.	3.3	20
21	Parameterization of cloud droplet activation using a simplified treatment of the aerosol number size distribution. Journal of Geophysical Research, 2008, 113, .	3.3	17
22	Coupling an aerosol box model with one-dimensional flow: a tool for understanding observations of new particle formation events. Tellus, Series B: Chemical and Physical Meteorology, 2022, 68, 29706.	1.6	17
23	Particle Climatology in Central East China Retrieved from Measurements in Planetary Boundary Layer and in Free Troposphere at a 1500-m-High Mountaintop Site. Aerosol and Air Quality Research, 2016, 16, 689-701.	2.1	16
24	Significant increase of aerosol number concentrations in air masses crossing a densely trafficked sea area. Oceanologia, 2016, 58, 1-12.	2.2	14
25	Atmospheric new particle formation at UtÃ¶, Baltic Sea 2003-2005. Tellus, Series B: Chemical and Physical Meteorology, 2008, 60, 345-352.	1.6	13
26	Biogenic SOA formation through gas-phase oxidation and gas-to-particle partitioning â€“ a comparison between process models of varying complexity. Atmospheric Chemistry and Physics, 2014, 14, 11853-11869.	4.9	12
27	Particle number to volume concentration ratios at two measurement sites in Finland. Journal of Geophysical Research, 2007, 112, .	3.3	2
28	Using Aerosol Number to Volu me Ratio in Predicting Cloud Droplet Number Concentration. , 2007, , 551-555.		2
29	Analysis of particle size distribution changes between three measurement sites in Northern Scandinavia. , 2013, , .		0