# 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 | 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 |
| 2 | Concentrations and Adsorption Isotherms for Amphiphilic Surfactants in PM<sub>1</sub> Aerosols from Different Regions of Europe. Environmental Science & Technology, 2019, 53, 12379-12388. | 10.0 | 25 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Significant increase of aerosol number concentrations in air masses crossing a densely trafficked sea area. Oceanologia, 2016, 58, 1-12. | 2.2 | 14 |
| 10 | Soot on Snow experiment: bidirectional reflectance factor measurements of contaminated snow. Cryosphere, 2015, 9, 2323-2337. | 3.9 | 50 |
| 11 | Commercial Arctic shipping through the Northeast Passage: routes, resources, governance, technology, and infrastructure. Polar Geography, 2014, 37, 298-324. | 1.9 | 199 |
| 12 | Global observations of aerosol-cloud-precipitation-climate interactions. Reviews of Geophysics, 2014, 52, 750-808. | 23.0 | 316 |
| 13 | 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 |
| 14 | The direct and indirect radiative effects of biogenic secondary organic aerosol. Atmospheric Chemistry and Physics, 2014, 14, 447-470. | 4.9 | 175 |
| 15 | 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 |
| 16 | Variations in tropospheric submicron particle size distributions across the European continent 2008â€“2009. Atmospheric Chemistry and Physics, 2014, 14, 4327-4348. | 4.9 | 41 |
| 17 | Analysis of particle size distribution changes between three measurement sites in Northern Scandinavia. , 2013, , . | | 0 |
| 18 | Analysis of particle size distribution changes between three measurement sites in northern Scandinavia. Atmospheric Chemistry and Physics, 2013, 13, 11887-11903. | 4.9 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Number size distributions and seasonality of submicron particles in Europe 2008â€“2009. Atmospheric Chemistry and Physics, 2011, 11, 5505-5538. | 4.9 | 214 |
| 23 | 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 |
| 24 | 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 |
| 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 | Parameterization of cloud droplet activation using a simplified treatment of the aerosol number size distribution. Journal of Geophysical Research, 2008, 113, . | 3.3 | 17 |
| 27 | 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 |
| 28 | Particle number to volume concentration ratios at two measurement sites in Finland. Journal of Geophysical Research, 2007, 112, . | 3.3 | 2 |
| 29 | Using Aerosol Number to Volu me Ratio in Predicting Cloud Droplet Number Concentration. , 2007, , 551-555. | | 2 |