

Urmas HÃurrak

List of Publications by Year in descending order

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36
papers

2,822
citations

293460

24
h-index

406436

35
g-index

36
all docs

36
docs citations

36
times ranked

2711
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A global observational analysis to understand changes in air quality during exceptionally low anthropogenic emission conditions. <i>Environment International</i> , 2021, 157, 106818. | 4.8 | 126 |
| 2 | Atmospheric new particle formation at the research station Melpitz, Germany: connection with gaseous precursors and meteorological parameters. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1835-1861. | 1.9 | 25 |
| 3 | Global analysis of continental boundary layer new particle formation based on long-term measurements. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14737-14756. | 1.9 | 113 |
| 4 | Pan-Eurasian Experiment (PEEX): towards a holistic understanding of the feedbacks and interactions in the land-atmosphere-ocean-society continuum in the northern Eurasian region. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14421-14461. | 1.9 | 57 |
| 5 | Interpretation of Atmospheric Aerosol Measurements by Means of a Numerical Simulator of New Particle Formation Events. <i>Aerosol and Air Quality Research</i> , 2016, 16, 930-942. | 0.9 | 2 |
| 6 | SMEAR Estonia: Perspectives of a large-scale forest ecosystem atmosphere research infrastructure. <i>Forestry Studies</i> , 2015, 63, 56-84. | 0.1 | 22 |
| 7 | A Method for Automated Estimation of Parameters Controlling Aerosol New Particle Formation. <i>Aerosol and Air Quality Research</i> , 2015, 15, 1166-1177. | 0.9 | 2 |
| 8 | Intermediate ions in the atmosphere. <i>Atmospheric Research</i> , 2014, 135-136, 263-273. | 1.8 | 19 |
| 9 | Atmospheric electricity and aerosol-cloud interactions in earth's atmosphere. , 2013, , . | | 0 |
| 10 | Estimating neutral nanoparticle steady-state size distribution and growth according to measurements of intermediate air ions. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 9597-9603. | 1.9 | 3 |
| 11 | Links between two different types of spectra of charged nanometer aerosol particles. <i>Atmospheric Research</i> , 2011, 101, 527-538. | 1.8 | 2 |
| 12 | Composition of negative air ions as a function of ion age and selected trace gases: Mass- and mobility distribution. <i>Journal of Aerosol Science</i> , 2011, 42, 820-838. | 1.8 | 16 |
| 13 | Growth rates of nucleation mode particles in Hyttiälä during 2003~2009: variation with particle size, season, data analysis method and ambient conditions. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12865-12886. | 1.9 | 173 |
| 14 | General overview: European Integrated project on Aerosol Cloud Climate and Air Quality interactions (EUCAARI) integrating aerosol research from nano to global scales. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 13061-13143. | 1.9 | 278 |
| 15 | An Instrumental Comparison of Mobility and Mass Measurements of Atmospheric Small Ions. <i>Aerosol Science and Technology</i> , 2011, 45, 522-532. | 1.5 | 72 |
| 16 | Atmospheric ions and nucleation: a review of observations. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 767-798. | 1.9 | 228 |
| 17 | Intercomparison of air ion spectrometers: an evaluation of results in varying conditions. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 805-822. | 1.2 | 34 |
| 18 | On the roles of sulphuric acid and low-volatility organic vapours in the initial steps of atmospheric new particle formation. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11223-11242. | 1.9 | 262 |

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|----|---|-----|-----------|
| 19 | EUCAARI ion spectrometer measurements at 12 European sites – analysis of new particle formation events. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 7907-7927. | 1.9 | 248 |
| 20 | Atmospheric nucleation: highlights of the EUCAARI project and future directions. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10829-10848. | 1.9 | 144 |
| 21 | Atmospheric data over a solar cycle: no connection between galactic cosmic rays and new particle formation. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 1885-1898. | 1.9 | 89 |
| 22 | Atmospheric sub-3 nm particles at high altitudes. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 437-451. | 1.9 | 95 |
| 23 | Diffusion Distortions in a Differential Mobility Analyzer with Inclined Electric Field. <i>Aerosol Science and Technology</i> , 2009, 43, 227-231. | 1.5 | 2 |
| 24 | Negatively charged nanoparticles produced by splashing of water. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 357-367. | 1.9 | 36 |
| 25 | 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 |
| 26 | Formation and characteristics of ions and charged aerosol particles in a native Australian Eucalypt forest. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 129-139. | 1.9 | 115 |
| 27 | Variation and balance of positive air ion concentrations in a boreal forest. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 655-675. | 1.9 | 47 |
| 28 | Identification and classification of the formation of intermediate ions measured in boreal forest. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 201-210. | 1.9 | 114 |
| 29 | Concentrations and fluxes of aerosol particles during the LAPBIAT measurement campaign at Värri field station. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 3683-3700. | 1.9 | 19 |
| 30 | Charging state of atmospheric nanoparticles during the nucleation burst events. <i>Atmospheric Research</i> , 2006, 82, 536-546. | 1.8 | 45 |
| 31 | Factors of air ion balance in a coniferous forest according to measurements in Hyytiälä, Finland. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 3377-3390. | 1.9 | 58 |
| 32 | Comparative study of nucleation mode aerosol particles and intermediate air ions formation events at three sites. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 47 |
| 33 | Diurnal variation in the concentration of air ions of different mobility classes in a rural area. <i>Journal of Geophysical Research</i> , 2003, 108, . | 3.3 | 51 |
| 34 | Statistical characterization of air ion mobility spectra at Tahkuse Observatory: Classification of air ions. <i>Journal of Geophysical Research</i> , 2000, 105, 9291-9302. | 3.3 | 112 |
| 35 | Air ion measurements as a source of information about atmospheric aerosols. <i>Atmospheric Research</i> , 1998, 46, 233-242. | 1.8 | 35 |
| 36 | Bursts of intermediate ions in atmospheric air. <i>Journal of Geophysical Research</i> , 1998, 103, 13909-13915. | 3.3 | 119 |