

Urmas HÃurrak

List of Publications by Year in descending order

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36
papers

2,822
citations

257450

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361022

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36
docs citations

36
times ranked

2443
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.	10.0	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.	4.9	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.	4.9	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.	4.9	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.	2.1	2
6	SMEAR Estonia: Perspectives of a large-scale forest ecosystem atmosphere research infrastructure. <i>Forestry Studies</i> , 2015, 63, 56-84.	0.2	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.	2.1	2
8	Intermediate ions in the atmosphere. <i>Atmospheric Research</i> , 2014, 135-136, 263-273.	4.1	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.	4.9	3
11	Links between two different types of spectra of charged nanometer aerosol particles. <i>Atmospheric Research</i> , 2011, 101, 527-538.	4.1	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.	3.8	16
13	Growth rates of nucleation mode particles in Hyytiälä during 2003-2009: variation with particle size, season, data analysis method and ambient conditions. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12865-12886.	4.9	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.	4.9	278
15	An Instrumental Comparison of Mobility and Mass Measurements of Atmospheric Small Ions. <i>Aerosol Science and Technology</i> , 2011, 45, 522-532.	3.1	72
16	Atmospheric ions and nucleation: a review of observations. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 767-798.	4.9	228
17	Intercomparison of air ion spectrometers: an evaluation of results in varying conditions. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 805-822.	3.1	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.	4.9	262

#	ARTICLE	IF	CITATIONS
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.	4.9	248
20	Atmospheric nucleation: highlights of the EUCAARI project and future directions. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10829-10848.	4.9	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.	4.9	89
22	Atmospheric sub-3 nm particles at high altitudes. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 437-451.	4.9	95
23	Diffusion Distortions in a Differential Mobility Analyzer with Inclined Electric Field. <i>Aerosol Science and Technology</i> , 2009, 43, 227-231.	3.1	2
24	Negatively charged nanoparticles produced by splashing of water. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 357-367.	4.9	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.	1.6	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.	4.9	115
27	Variation and balance of positive air ion concentrations in a boreal forest. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 655-675.	4.9	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.	4.9	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.	4.9	19
30	Charging state of atmospheric nanoparticles during the nucleation burst events. <i>Atmospheric Research</i> , 2006, 82, 536-546.	4.1	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.	4.9	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.	4.1	35
36	Bursts of intermediate ions in atmospheric air. <i>Journal of Geophysical Research</i> , 1998, 103, 13909-13915.	3.3	119