

Mobility particle size spectrometers: harmonization of
structure to facilitate high quality long-term observations
number size distributions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Number Size Distributions of Submicron Particles in Europe. Handbook of Environmental Chemistry, 2012, , 297-319.	0.2	0
2	Spatial variation of aerosol optical properties around the high-alpine site Jungfraujoch (3580 m a.s.l.). Atmospheric Chemistry and Physics, 2012, 12, 7231-7249.	1.9	55
3	Characterization of submicron particles influenced by mixed biogenic and anthropogenic emissions using high-resolution aerosol mass spectrometry: results from CARES. Atmospheric Chemistry and Physics, 2012, 12, 8131-8156.	1.9	146
4	Relationships between particles, cloud condensation nuclei and cloud droplet activation during the third Pallas Cloud Experiment. Atmospheric Chemistry and Physics, 2012, 12, 11435-11450.	1.9	29
5	Aerosol chemical composition at Cabauw, The Netherlands as observed in two intensive periods in May 2008 and March 2009. Atmospheric Chemistry and Physics, 2012, 12, 4723-4742.	1.9	60
6	A parameterization of low visibilities for hazy days in the North China Plain. Atmospheric Chemistry and Physics, 2012, 12, 4935-4950.	1.9	138
7	In situ measurements of aerosol optical properties and number size distributions in a coastal region of Norway during the summer of 2008. Atmospheric Chemistry and Physics, 2012, 12, 5841-5857.	1.9	13
8	Estimation of aerosol particle number distributions with Kalman Filtering – Part 1: Theory, general aspects and statistical validity. Atmospheric Chemistry and Physics, 2012, 12, 11767-11779.	1.9	12
9	Harmonisation of nanoparticle concentration measurements using GRIMM and TSI scanning mobility particle sizers. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	28
10	Selection of key ambient particulate variables for epidemiological studies – Applying cluster and heatmap analyses as tools for data reduction. Science of the Total Environment, 2012, 435-436, 541-550.	3.9	35
11	A review of methods for long term in situ characterization of aerosol dust. Aeolian Research, 2012, 6, 55-74.	1.1	61
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14	Evaluation of a statistical forecast model for size-fractionated urban particle number concentrations using data from five European cities. Journal of Aerosol Science, 2013, 66, 96-110.	1.8	19
15	Size characterization of airborne SiO ₂ nanoparticles with on-line and off-line measurement techniques: an interlaboratory comparison study. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	31
16	Aerosol Metrology Supporting Air Quality Monitoring in the United Kingdom and Europe. Mapan - Journal of Metrology Society of India, 2013, 28, 145-152.	1.0	2
17	Comparison between two different nanoparticle size spectrometers. Journal of the Air and Waste Management Association, 2013, 63, 918-925.	0.9	4
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20	Ozone-Driven Secondary Organic Aerosol Production Chain. <i>Environmental Science & Technology</i> , 2013, 47, 3639-3647.	4.6	30
22	Characterization of parameters influencing the spatio-temporal variability of urban particle number size distributions in four European cities. <i>Atmospheric Environment</i> , 2013, 77, 415-429.	1.9	88
23	The mathematical principles and design of the NAIS " a spectrometer for the measurement of cluster ion and nanometer aerosol size distributions. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 1061-1071.	1.2	141
26	MaÃdo observatory: a new high-altitude station facility at Reunion Island (21Â° S, 55Â° E) for long-term atmospheric remote sensing and in situ measurements. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 2865-2877.	1.2	74
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29	The simulations of sulfuric acid concentration and new particle formation in an urban atmosphere in China. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 11157-11167.	1.9	39
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31	Overview of aerosol properties associated with air masses sampled by the ATR-42 during the EUCAARI campaign (2008). <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 4877-4893.	1.9	14
32	Aerosol decadal trends " Part 1: In-situ optical measurements at GAW and IMPROVE stations. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 869-894.	1.9	126
33	Long-term measurements of particle number size distributions and the relationships with air mass history and source apportionment in the summer of Beijing. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 10159-10170.	1.9	92
34	Effects of relative humidity on aerosol light scattering: results from different European sites. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 10609-10631.	1.9	184
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36	Boundary layer nucleation as a source of new CCN in savannah environment. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 1957-1972.	1.9	40
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42	Relating particle hygroscopicity and CCN activity to chemical composition during the HCCT-2010 field campaign. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 7983-7996.	1.9	108
43	Aerosol decadal trends – Part 2: In-situ aerosol particle number concentrations at GAW and ACTRIS stations. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 895-916.	1.9	78
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#	ARTICLE	IF	CITATIONS
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87	The impact of aerosol hygroscopic growth on the single-scattering albedo and its application on the NO_2 photolysis rate coefficient. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 12055-12067.	1.9	34
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96	Influence of aerosol chemical composition on N_2O_5 uptake: airborne regional measurements in northwestern Europe. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 973-990.	1.9	66
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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