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Nordic intercomparison for measurement of major atmospheric nitrogen species

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#	Paper	IF	Citations
40	Dry deposition and internal circulation of nitrogen, sulphur and base cations to a coniferous forest. <i>Atmospheric Environment</i> , 1999 , 33, 4421-4430	5.3	41
39	Global concentrations of tropospheric sulfate, nitrate, and ammonium aerosol simulated in a general circulation model. <i>Journal of Geophysical Research</i> , 1999 , 104, 13791-13823		244
38	Atmospheric black carbon in Helsinki. <i>Atmospheric Environment</i> , 2000 , 34, 1497-1506	5.3	62
37	Simulation of the aerosol optical depth over Europe for August 1997 and a comparison with observations. <i>Journal of Geophysical Research</i> , 2001 , 106, 28295-28311		40
36	Urban and rural ultrafine (PM0.1) particles in the Helsinki area. <i>Atmospheric Environment</i> , 2001 , 35, 4593-4607	5.3	61
35	Sources and chemical composition of atmospheric fine and coarse particles in the Helsinki area. <i>Atmospheric Environment</i> , 2001 , 35, 5381-5391	5.3	176
34	Results from an informal intercomparison of ammonia measurement techniques. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 28-1		35
33	Constructing the European aerosol nitrate concentration field from quality analysed data. <i>Atmospheric Environment</i> , 2002 , 36, 1323-1335	5.3	79
32	Absorption spectroscopy in high-finesse cavities for atmospheric studies. <i>Chemical Reviews</i> , 2003 , 103, 5219-38	68.1	174
31	A spatially refined monitoring based study of atmospheric nitrogen deposition. <i>Atmospheric Environment</i> , 2004 , 38, 5045-5056	5.3	17
30	Intercomparison of methods to measure the mass concentration of the atmospheric aerosol during INTERCOMP2000: influence of instrumentation and size cuts. <i>Atmospheric Environment</i> , 2004 , 38, 6467-6476	5.3	58
29	Artefacts in the sampling of nitrate studied in the INTERCOMPT campaigns of EUROTRAC-AEROSOL. <i>Atmospheric Environment</i> , 2004 , 38, 6487-6496	5.3	105
28	Airborne sulfur and nitrogen in Finland-trends and exposure in relation to air transport sector. <i>Journal of Environmental Monitoring</i> , 2004 , 6, 1-11		20
27	Anthropogenic black carbon and fine aerosol distribution over Europe. <i>Journal of Geophysical Research</i> , 2004 , 109,		86
26	Physicochemical properties of fine aerosols at Plan d'Aups during ESCOMPTE. <i>Atmospheric Research</i> , 2005 , 74, 565-580	5.4	8
25	Simultaneous determination of atmospheric sulfur and nitrogen oxides using a battery-operated portable filter pack sampler. <i>Journal of Environmental Monitoring</i> , 2006 , 8, 167-73		11
24	Global modeling of nitrate and ammonium: Interaction of aerosols and tropospheric chemistry. <i>Journal of Geophysical Research</i> , 2007 , 112,		95

23	Measurement Uncertainty of Sulphur and Nitrogen Containing Inorganic Compounds By 1-Stage and 2-Stage Filter-pack Methods. <i>Water, Air, and Soil Pollution</i> , 2007 , 182, 395-405	2.6	2
22	The method of lines for solution of the one-dimensional wave equation subject to an integral conservation condition. <i>Computers and Mathematics With Applications</i> , 2008 , 56, 2175-2188	2.7	56
21	Size distributions of fine and ultrafine particles in the city of Strasbourg: correlation between number of particles and concentrations of NO(x) and SO(2) gases and some soluble ions concentration determination. <i>Journal of Environmental Management</i> , 2008 , 86, 282-90	7.9	12
20	Spatial and temporal variations in airborne particulate matter (PM10 and PM2.5) across Spain 1999-2005. <i>Atmospheric Environment</i> , 2008 , 42, 3964-3979	5.3	258
19	Chemical composition and sources of fine and coarse aerosol particles in the Eastern Mediterranean. <i>Atmospheric Environment</i> , 2008 , 42, 6542-6550	5.3	162
18	Method of lines solutions of the parabolic inverse problem with an overspecification at a point. <i>Numerical Algorithms</i> , 2009 , 50, 417-437	2.1	48
17	Variability in regional background aerosols within the Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 4575-4591	6.8	173
16	Mass and chemical composition of size-segregated aerosols (PM ₁₀ , PM _{2.5} , PM _{10-2.5}) over Athens, Greece: local versus regional sources. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 11895-11911	6.8	99
15	Illustrating the benefit of using hourly monitoring data on secondary inorganic aerosol and its precursors for model evaluation. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 11041-11053	6.8	54
14	Combining continuous near-road monitoring and inverse modeling to isolate the effect of highway expansion on a school in Las Vegas. <i>Atmospheric Pollution Research</i> , 2012 , 3, 105-111	4.5	9
13	Global simulations of nitrate and ammonium aerosols and their radiative effects. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 9479-9504	6.8	121
12	Physico-chemical characteristics of particulate matter in the Eastern Mediterranean. <i>Atmospheric Research</i> , 2012 , 106, 93-107	5.4	31
11	Thermal stability of inorganic and organic compounds in atmospheric particulate matter. <i>Atmospheric Environment</i> , 2012 , 54, 36-43	5.3	37
10	Water-soluble ionic composition of PM _{2.5-10} and PM _{2.5} aerosols in the lower troposphere of an industrial city Raipur, the eastern central India. <i>Air Quality, Atmosphere and Health</i> , 2013 , 6, 95-110	5.6	35
9	Aerosol-based modelling of infiltration of ambient PM _{2.5} and evaluation against population-based measurements in homes in Helsinki, Finland. <i>Journal of Aerosol Science</i> , 2013 , 66, 111-122	4.3	20
8	Changes in inorganic fine particulate matter sensitivities to precursors due to large-scale US emissions reductions. <i>Environmental Science & Technology</i> , 2015 , 49, 4834-41	10.3	41
7	Sea salt emission, transport and influence on size-segregated nitrate simulation: a case study in northwestern Europe by WRF-Chem. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 12081-12097	6.8	25
6	NO ₂ and HONO concentrations measured with filter pack sampling and high HONO/NO ₂ ratio in Ho Chi Minh city, Vietnam. <i>Atmospheric Environment</i> , 2019 , 214, 116865	5.3	5

5	High time-resolved measurements of water-soluble sulfate, nitrate and ammonium in PM and their precursor gases over the Eastern Mediterranean. <i>Science of the Total Environment</i> , 2019 , 672, 212-226	10.2	11
4	Illustrating the benefit of using hourly monitoring data on secondary inorganic aerosol and its precursors for model evaluation.		4
3	Mass and chemical composition of size-segregated aerosols (PM ₁ , PM _{2.5} , PM ₁₀) over Athens, Greece: local versus regional sources.		4
2	Variability in regional background aerosols within the Mediterranean.		6
1	Simultaneous Sampling of NO, NO ₂ , HONO and HNO ₃ in the Atmosphere by a Filter-Pack Method. <i>Asian Journal of Atmospheric Environment</i> , 2022 , 16, 19-26	1.3	