

Martin Ferm

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,919
citations

304743

22
h-index

454955

30
g-index

34
all docs

34
docs citations

34
times ranked

1543
citing authors

#	ARTICLE	IF	CITATIONS
1	Method for determination of atmospheric ammonia. Atmospheric Environment, 1979, 13, 1385-1393.	1.0	300
2	Atmospheric ammonia and ammonium transport in Europe and critical loads: a review. Nutrient Cycling in Agroecosystems, 1998, 51, 5-17.	2.2	162
3	Measurements of sulfur dioxide, ozone and ammonia concentrations in Asia, Africa, and South America using passive samplers. Atmospheric Environment, 2003, 37, 1293-1308.	4.1	149
4	Deposition measurement of particulate matter in connection with corrosion studies. Analytical and Bioanalytical Chemistry, 2006, 384, 1320-1330.	3.7	134
5	Cost-efficient techniques for urban- and background measurements of SO ₂ and NO ₂ . Atmospheric Environment, 1998, 32, 1377-1381.	4.1	111
6	Nitric acid measurements in connection with corrosion studies. Atmospheric Environment, 2005, 39, 6664-6672.	4.1	107
7	The nature and possible origin of acid particles observed at the Swedish west coast. Atmospheric Environment, 1975, 9, 631-642.	1.0	99
8	A simple passive sampler for measuring ammonia emission in the field. Water, Air, and Soil Pollution, 1992, 62, 13-24.	2.4	81
9	Effects of Air Pollution on Materials and Cultural Heritage: ICP Materials Celebrates 25 Years of Research. International Journal of Corrosion, 2012, 2012, 1-16.	1.1	79
10	A Na ₂ CO ₃ -coated denuder and filter for determination of gaseous HNO ₃ and particulate NO ₃ ⁻ in the atmosphere. Atmospheric Environment, 1986, 20, 1193-1201.	1.0	74
11	Concentrations and emission factors for PM 2.5 and PM 10 from road traffic in Sweden. Atmospheric Environment, 2015, 119, 211-219.	4.1	73
12	UN/ECE ICP Materials Dose-response Functions for the Multi-pollutant Situation. Water, Air and Soil Pollution, 2007, 7, 249-258.	0.8	69
13	On the corrosion and soiling effects on materials by air pollution in Athens, Greece. Atmospheric Chemistry and Physics, 2011, 11, 12039-12048.	4.9	57
14	Nitric acid and particulate matter measurements at Athens, Greece, in connection with corrosion studies. Atmospheric Chemistry and Physics, 2009, 9, 8309-8316.	4.9	49
15	Dry deposition and internal circulation of nitrogen, sulphur and base cations to a coniferous forest. Atmospheric Environment, 1999, 33, 4421-4430.	4.1	45
16	Field intercomparison of diffusive samplers for measuring ammonia. Journal of Environmental Monitoring, 1999, 1, 259-265.	2.1	41
17	Throughfall Measurements of Nitrogen and Sulphur Compounds. International Journal of Environmental Analytical Chemistry, 1993, 50, 29-43.	3.3	39
18	Mass Transfer Coefficient and Equilibrium Concentration as Key Factors in a New Approach to Estimate Ammonia Emission from Livestock Manure. Biosystems Engineering, 1993, 56, 1-11.	0.4	37

#	ARTICLE	IF	CITATIONS
19	Emission of NH ₃ and N ₂ O after spreading of pig slurry by broadcasting or band spreading. <i>Soil Use and Management</i> , 1999, 15, 27-33.	4.9	25
20	Trends in atmospheric ammonia and particulate ammonium concentrations in Sweden and its causes. <i>Atmospheric Environment</i> , 2012, 61, 30-39.	4.1	25
21	Field intercomparison of measurement techniques for total NH ₄ ⁺ and total NO ₃ ⁻ in ambient air. <i>Atmospheric Environment</i> , 1988, 22, 2275-2281.	1.0	24
22	Long-range transport of gaseous and particulate oxidized nitrogen compounds. <i>Atmospheric Environment</i> , 1984, 18, 1731-1735.	1.0	23
23	Biomass burning in eastern Europe during spring 2006 caused high deposition of ammonium in northern Fennoscandia. <i>Environmental Pollution</i> , 2013, 176, 71-79.	7.5	21
24	Impacts of air pollution and climate on materials in Athens, Greece. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 439-448.	4.9	19
25	Method to estimate atmospheric deposition of base cations in coniferous throughfall. <i>Water, Air, and Soil Pollution</i> , 1995, 85, 2229-2234.	2.4	17
26	Measurements of ammonia emissions from manure storing and spreading stages in Polish commercial farms. <i>Atmospheric Environment</i> , 2005, 39, 7106-7113.	4.1	17
27	Total deposition of inorganic nitrogen to Norway spruce forests – Applying a surrogate surface method across a deposition gradient in Sweden. <i>Atmospheric Environment</i> , 2019, 217, 116964.	4.1	13
28	UN/ECE ICP Materials Dose-response Functions for the Multi-pollutant Situation. , 2007, , 249-258.		12
29	Wet deposition of ammonium, nitrate and non-sea-salt sulphate in Sweden 1955 through 2017. <i>Atmospheric Environment: X</i> , 2019, 2, 100015.	1.4	8
30	Neutralisation of Sulphur Dioxide Deposition in a Coniferous Canopy. <i>Water, Air and Soil Pollution</i> , 2004, 4, 237-245.	0.8	3
31	Use of a 3-D Dispersion Model for Calculation of Distribution of Horse Allergen and Odor around Horse Facilities. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 3599-3617.	2.6	3