

Hans Puxbaum

List of Publications by Year in descending order

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165
papers

12,850
citations

23879

60
h-index

32181

105
g-index

177
all docs

177
docs citations

177
times ranked

9474
citing authors

#	ARTICLE	IF	CITATIONS
1	The anthropogenic influence on carbonaceous aerosol in the European background. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 61, 464.	0.8	23
2	Aerosol Chemical Characterization and Contribution of Biomass Burning to Particulate Matter at a Residential Site in Islamabad, Pakistan. <i>Aerosol and Air Quality Research</i> , 2019, 19, 148-162.	0.9	14
3	Chemical characterization and mass closure of PM ₁₀ and PM _{2.5} at an urban site in Karachi – Pakistan. <i>Atmospheric Environment</i> , 2016, 128, 114-123.	1.9	68
4	Chemical composition of particles from traditional burning of Pakistani wood species. <i>Atmospheric Environment</i> , 2015, 121, 35-41.	1.9	25
5	CCN activation of ambient and "synthetic ambient" urban aerosol. , 2013, , .		0
6	Odor, gaseous and PM ₁₀ emissions from small scale combustion of wood types indigenous to Central Europe. <i>Atmospheric Environment</i> , 2012, 51, 86-93.	1.9	48
7	Activation of "synthetic ambient" aerosols – Relation to chemical composition of particles <100 nm. <i>Atmospheric Environment</i> , 2012, 54, 583-591.	1.9	11
8	Source apportionment of the carbonaceous aerosol in Norway – quantitative estimates based on $\delta^{13}C$, thermal-optical and organic tracer analysis. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 9375-9394.	1.9	75
9	Particulate and gaseous emissions from manually and automatically fired small scale combustion systems. <i>Atmospheric Environment</i> , 2011, 45, 7443-7454.	1.9	176
10	Indoor and outdoor atmospheric fungal spores in the São Paulo metropolitan area (Brazil): species and numeric concentrations. <i>International Journal of Biometeorology</i> , 2010, 54, 347-355.	1.3	47
11	Improved source assessment of Si, Al and related mineral components to PM ₁₀ based on a daily sampling procedure. <i>Journal of Environmental Sciences</i> , 2010, 22, 582-588.	3.2	3
12	Multidimensional modeling of aerosol monitoring data. <i>Environmental Pollution</i> , 2010, 158, 3201-3208.	3.7	5
13	A European aerosol phenomenology – 3: Physical and chemical characteristics of particulate matter from 60 rural, urban, and kerbside sites across Europe. <i>Atmospheric Environment</i> , 2010, 44, 1308-1320.	1.9	654
14	Evaluation of aerosol sources at European high altitude background sites with trajectory statistical methods. <i>Atmospheric Environment</i> , 2010, 44, 2316-2329.	1.9	65
15	Particulate organic compounds emitted from experimental wildland fires in a Mediterranean ecosystem. <i>Atmospheric Environment</i> , 2010, 44, 2750-2759.	1.9	65
16	Particulate carbon in precipitation at European background sites. <i>Journal of Aerosol Science</i> , 2010, 41, 51-61.	1.8	80
17	Quantifying emissions of primary biological aerosol particle mass in Europe. <i>Atmospheric Environment</i> , 2009, 43, 1403-1409.	1.9	78
18	Impact of mineral components and selected trace metals on ambient PM ₁₀ concentrations. <i>Atmospheric Environment</i> , 2009, 43, 530-538.	1.9	74

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19	A highly resolved anion-exchange chromatographic method for determination of saccharidic tracers for biomass combustion and primary bio-particles in atmospheric aerosol. Atmospheric Environment, 2009, 43, 1367-1371.	1.9	145
20	Wood burning impact on PM10 in three Austrian regions. Atmospheric Environment, 2009, 43, 2186-2195.	1.9	205
21	Application of the Integrating Sphere Method to Separate the Contributions of Brown and Black Carbon in Atmospheric Aerosols. Environmental Science & Technology, 2009, 43, 1141-1146.	4.6	47
22	Chemical characterisation of fine particle emissions from wood stove combustion of common woods growing in mid-European Alpine regions. Atmospheric Environment, 2008, 42, 126-141.	1.9	386
23	Arabitol and mannitol as tracers for the quantification of airborne fungal spores. Atmospheric Environment, 2008, 42, 588-593.	1.9	306
24	Size and composition of particulate emissions from motor vehicles in the Kaisermühlentunnel, Vienna. Atmospheric Environment, 2008, 42, 2173-2186.	1.9	129
25	Temporal patterns of n-alkanes at traffic exposed and suburban sites in Vienna. Atmospheric Environment, 2008, 42, 2993-3005.	1.9	31
26	Significant contributions of fungal spores to the organic carbon and to the aerosol mass balance of the urban atmospheric aerosol. Atmospheric Environment, 2008, 42, 5542-5549.	1.9	151
27	Chemical composition of atmospheric aerosols during the 2003 summer intense forest fire period. Atmospheric Environment, 2008, 42, 7530-7543.	1.9	231
28	Comparison of methods for the quantification of carbonate carbon in atmospheric PM10 aerosol samples. Atmospheric Environment, 2008, 42, 8055-8064.	1.9	59
29	Chemical characterisation of particle emissions from burning leaves. Atmospheric Environment, 2008, 42, 9070-9079.	1.9	140
30	Source Attribution of Submicron Organic Aerosols during Wintertime Inversions by Advanced Factor Analysis of Aerosol Mass Spectra. Environmental Science & Technology, 2008, 42, 214-220.	4.6	286
31	Intercomparison of Measurement Techniques for Black or Elemental Carbon Under Urban Background Conditions in Wintertime: Influence of Biomass Combustion. Environmental Science & Technology, 2008, 42, 884-889.	4.6	104
32	Combined Determination of the Chemical Composition and of Health Effects of Secondary Organic Aerosols: The POLYSOA Project. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2008, 21, 145-154.	0.7	95
33	Combined Determination of the Chemical Composition and of Health Effects of Secondary Organic Aerosols: The POLYSOA Project. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2008, ,	1.2	14
34	Quantifying Source Contribution to Ambient Particulate Matter in Austria with Chemical Mass Balance Receptor Modeling. NATO Security Through Science Series C: Environmental Security, 2008, , 711-712.	0.1	0
35	Direct radiative effect modeled for regional aerosols in central Europe including the effect of relative humidity. Journal of Geophysical Research, 2007, 112, .	3.3	7
36	Climatology of aerosol composition (organic versus inorganic) at nonurban sites on a west-east transect across Europe. Journal of Geophysical Research, 2007, 112, .	3.3	228

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37	Source apportionment of PM _{2.5} organic aerosol over Europe: Primary/secondary, natural/anthropogenic, and fossil/biogenic origin. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	391
38	Levoglucosan levels at background sites in Europe for assessing the impact of biomass combustion on the European aerosol background. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	374
39	Seasonal trends and possible sources of brown carbon based on 2-yr aerosol measurements at six sites in Europe. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	169
40	Modeling carbonaceous aerosol over Europe: Analysis of the CARBOSOL and EMEP EC/OC campaigns. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	171
41	Concentration of atmospheric cellulose: A proxy for plant debris across a west-east transect over Europe. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	42
42	Summary of the CARBOSOL project: Present and retrospective state of organic versus inorganic aerosol over Europe. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	62
43	Determination of water and alkaline extractable atmospheric humic-like substances with the TU Vienna HULIS analyzer in samples from six background sites in Europe. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	85
44	Seasonal variation of particulate lipophilic organic compounds at nonurban sites in Europe. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	37
45	Determination of saccharides in atmospheric aerosol using anion-exchange high-performance liquid chromatography and pulsed-amperometric detection. <i>Journal of Chromatography A</i> , 2007, 1171, 37-45.	1.8	111
46	Composition and source apportionment of atmospheric aerosols in Portugal during the 2003 summer intense forest fire period. <i>WIT Transactions on Ecology and the Environment</i> , 2007, .	0.0	1
47	Intercomparison of Thermal and Optical Measurement Methods for Elemental Carbon and Black Carbon at an Urban Location. <i>Environmental Science & Technology</i> , 2006, 40, 6377-6383.	4.6	126
48	An Overview of Atmospheric Deposition Chemistry over the Alps: Present Status and Long-term Trends. <i>Hydrobiologia</i> , 2006, 562, 17-40.	1.0	114
49	Particle emissions from aircraft engines a survey of the European project PartEmis. <i>Meteorologische Zeitschrift</i> , 2005, 14, 465-476.	0.5	38
50	On the effects of organic matter and sulphur-containing compounds on the CCN activation of combustion particles. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 3187-3203.	1.9	77
51	Chemometrical exploration of the wet precipitation chemistry from the Austrian Monitoring Network (1988-1999). <i>Journal of Environmental Management</i> , 2005, 74, 349-363.	3.8	11
52	Concentrations of ethene and formaldehyde at a valley and a mountain top site in the Austrian Alps. <i>Atmospheric Environment</i> , 2005, 39, 4087-4091.	1.9	7
53	Carbon-Specific Analysis of Humic-like Substances in Atmospheric Aerosol and Precipitation Samples. <i>Analytical Chemistry</i> , 2005, 77, 7288-7293.	3.2	56
54	Gas to particle distribution of low molecular weight dicarboxylic acids at two different sites in central Europe (Austria). <i>Journal of Aerosol Science</i> , 2005, 36, 991-1005.	1.8	44

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55	AUPHEP "Austrian Project on Health Effects of Particulates" general overview. Atmospheric Environment, 2004, 38, 3905-3915.	1.9	65
56	Seasonal variation of palladium, elemental carbon and aerosol mass concentrations in airborne particulate matter. Atmospheric Environment, 2004, 38, 1979-1987.	1.9	30
57	A dual site study of PM2.5 and PM10 aerosol chemistry in the larger region of Vienna, Austria. Atmospheric Environment, 2004, 38, 3949-3958.	1.9	92
58	Acute effects of particulate matter on respiratory diseases, symptoms and functions:. Atmospheric Environment, 2004, 38, 3971-3981.	1.9	119
59	Particulate emissions from on-road vehicles in the Kaisermühlentunnel (Vienna, Austria). Atmospheric Environment, 2004, 38, 2187-2195.	1.9	94
60	On the correlation of atmospheric aerosol components of mass size distributions in the larger region of a central European city. Atmospheric Environment, 2004, 38, 3959-3970.	1.9	24
61	Case study analysis of PM burden at an urban and a rural site during the AUPHEP project. Atmospheric Environment, 2004, 38, 3935-3948.	1.9	23
62	Artefacts in the sampling of nitrate studied in the "INTERCOMP" campaigns of EUROTRAC-AEROSOL. Atmospheric Environment, 2004, 38, 6487-6496.	1.9	122
63	INTERCOMP2000: the comparability of methods in use in Europe for measuring the carbon content of aerosol. Atmospheric Environment, 2004, 38, 6507-6519.	1.9	106
64	Multivariate Statistical Assessment of Air Quality: A Case Study. Mikrochimica Acta, 2004, 148, 293-298.	2.5	19
65	Combination of Sorption Tube Sampling and Thermal Desorption with Hollow Waveguide FT-IR Spectroscopy for Atmospheric Trace Gas Analysis: Determination of Atmospheric Ethene at the Lower ppb Level. Analytical Chemistry, 2004, 76, 464-468.	3.2	27
66	On the equivalence of gravimetric PM data with TEOM and beta-attenuation measurements. Journal of Aerosol Science, 2004, 35, 1135-1149.	1.8	96
67	Partikelgebundene organische Stoffe in der Atmosphäre. Nachrichten Aus Der Chemie, 2004, 52, 560-564.	0.0	0
68	Aerosol chemical characteristics of a mega-city in Southeast Asia (Dhaka "Bangladesh). Atmospheric Environment, 2003, 37, 2517-2528.	1.9	180
69	Size distribution and seasonal variation of atmospheric cellulose. Atmospheric Environment, 2003, 37, 3693-3699.	1.9	105
70	ETAAS determination of palladium in environmental samples with on-line preconcentration and matrix separation. Journal of Analytical Atomic Spectrometry, 2003, 18, 161-165.	1.6	69
71	Properties of jet engine combustion particles during the PartEmis experiment: Microphysics and Chemistry. Geophysical Research Letters, 2003, 30, .	1.5	37
72	Secondary organic aerosol formation in the atmosphere via heterogeneous reaction of gaseous isoprene on acidic particles. Geophysical Research Letters, 2003, 30, .	1.5	325

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73	Airborne bacteria as cloud condensation nuclei. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	136
74	A historical record of formate and acetate from a high-elevation Alpine glacier: Implications for their natural versus anthropogenic budgets at the European scale. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	34
75	Multivariate statistical study of simultaneously monitored cloud water, aerosol and rainwater data from different elevation levels in an alpine valley (Achenkirch, Tyrol, Austria). <i>Talanta</i> , 2003, 61, 519-528.	2.9	15
76	Determination of Pt, Pd and Rh by inductively coupled plasma sector field mass spectrometry (ICP-SFMS) in size-classified urban aerosol samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 239-246.	1.6	121
77	Aerosol chemical characteristics of an island site in the Bay of Bengal (Bhola - Bangladesh). <i>Journal of Environmental Monitoring</i> , 2003, 5, 483.	2.1	33
78	<title>Clouds as habitat and seeders of active bacteria</title>. , 2002, , .		2
79	Determination of the Carbon Content of Airborne Fungal Spores. <i>Analytical Chemistry</i> , 2002, 74, 91-95.	3.2	79
80	Surface tension of Rax cloud water and its relation to the concentration of organic material. <i>Journal of Geophysical Research</i> , 2002, 107, AAC 5-1.	3.3	27
81	Monitoring ammonia in urban, inner alpine and pre-alpine ambient air. <i>Journal of Environmental Monitoring</i> , 2002, 4, 205-209.	2.1	22
82	Long-term assessment of the wet precipitation chemistry in Austria (1984â€“1999). <i>Chemosphere</i> , 2002, 48, 733-747.	4.2	19
83	CCN activation of oxalic and malonic acid test aerosols with the University of Vienna cloud condensation nuclei counter. <i>Journal of Aerosol Science</i> , 2002, 33, 1623-1634.	1.8	95
84	Bacteria and fungi in aerosols generated by two different types of wastewater treatment plants. <i>Water Research</i> , 2002, 36, 3965-3970.	5.3	104
85	The contribution of bacteria and fungal spores to the organic carbon content of cloud water, precipitation and aerosols. <i>Atmospheric Research</i> , 2002, 64, 109-119.	1.8	307
86	Formic, acetic, oxalic, malonic and succinic acid concentrations and their contribution to organic carbon in cloud water. <i>Atmospheric Environment</i> , 2002, 36, 1553-1558.	1.9	124
87	Bakterien der LÃ¼fte: Vom Winde verweht. <i>Biologie in Unserer Zeit</i> , 2002, 32, 42-49.	0.3	1
88	Altitude-dependent wet, dry and occult nitrogen deposition in an Alpine Region. <i>Environmental Science and Pollution Research</i> , 2002, 9, 16-22.	2.7	25
89	A critical evaluation of interlaboratory data on total, elemental, and isotopic carbon in the carbonaceous particle reference material, NIST SRM 1649a. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2002, 107, 279.	0.4	163
90	Bacterial growth in supercooled cloud droplets. <i>Geophysical Research Letters</i> , 2001, 28, 239-242.	1.5	307

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91	Relationship between release of nitric oxide and CO ₂ and their dependence on oxidation reduction potential in wastewater treatment. <i>Chemosphere</i> , 2001, 44, 1213-1221.	4.2	16
92	Emissions of NO, TVOC, CO ₂ , and aerosols from a pilot-scale wastewater treatment plant with intermittent aeration. <i>Atmospheric Environment</i> , 2001, 35, 1697-1702.	1.9	10
93	Results of the "carbon conference" international aerosol carbon round robin test stage I. <i>Atmospheric Environment</i> , 2001, 35, 2111-2121.	1.9	419
94	Semivolatile behavior of dicarboxylic acids and other polar organic species at a rural background site (Nylsvley, RSA). <i>Atmospheric Environment</i> , 2001, 35, 1853-1862.	1.9	154
95	Decadal reductions of traffic emissions on a transit route in Austria " results of the Tauerntunnel experiment 1997. <i>Atmospheric Environment</i> , 2001, 35, 3585-3593.	1.9	57
96	The performance of a gas and aerosol monitoring system (GAMS) for the determination of acidic water soluble organic and inorganic gases and ammonia as well as related particles from the atmosphere. <i>Atmospheric Environment</i> , 2001, 35, 2861-2869.	1.9	40
97	Black carbon (BC) in alpine aerosols and cloud water " concentrations and scavenging efficiencies. <i>Atmospheric Environment</i> , 2001, 35, 5135-5141.	1.9	57
98	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2000, 117, 157-173.	1.1	23
99	Hydrocarbons Emissions from a Municipal Wastewater Treatment Pilot Plant in Vienna. <i>Water, Air, and Soil Pollution</i> , 2000, 124, 177-186.	1.1	9
100	Title is missing!. <i>Journal of Atmospheric Chemistry</i> , 2000, 35, 33-46.	1.4	51
101	Accelerator Mass Spectrometry Analysis of Non-Soluble Carbon in Aerosol Particles from High Alpine Snow (Mt. Sonnblich, Austria). <i>Radiocarbon</i> , 2000, 42, 285-294.	0.8	10
102	Approach for a novel control strategy for simultaneous nitrification/denitrification in activated sludge reactors. <i>Water Research</i> , 2000, 34, 2499-2506.	5.3	65
103	Dependence of in-cloud scavenging of polar organic aerosol compounds on the water solubility. <i>Journal of Geophysical Research</i> , 2000, 105, 19857-19867.	3.3	63
104	Mass balance of the atmospheric aerosol in a South African subtropical savanna (Nylsvley, May 1997). <i>Journal of Geophysical Research</i> , 2000, 105, 20697-20706.	3.3	53
105	Black carbon and other species at a high-elevation European site (Mount Sonnblich, 3106 m, Austria): Concentrations and scavenging efficiencies. <i>Journal of Geophysical Research</i> , 2000, 105, 24637-24645.	3.3	42
106	Trend, seasonal and multivariate modelling study of wet precipitation data from the Austrian Monitoring Network (1990"1997). <i>Journal of Environmental Monitoring</i> , 2000, 2, 424-431.	2.1	15
107	A GC-MS Method for the Determination of Polar Organic Compounds in Atmospheric Samples. <i>International Journal of Environmental Analytical Chemistry</i> , 1999, 73, 329-343.	1.8	16
108	Carbon Sorbents as a Mean for Enrichment of Atmospheric Oxygenated VOCs with Subsequent HRGC Determination. <i>International Journal of Environmental Analytical Chemistry</i> , 1999, 74, 91-106.	1.8	2

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109	Laboratory and field measurements of a badge type passive sampler for the determination of ambient sulfur dioxide concentrations. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 363, 73-76.	1.5	4
110	Scavenging ratios for sulfate, ammonium and nitrate determined at Mt. Sonnblick (3106m a.s.l.). <i>Atmospheric Environment</i> , 1999, 33, 895-906.	1.9	44
111	Deposition of particulate matter in diffusion tube samplers for the determination of NO ₂ and SO ₂ . <i>Atmospheric Environment</i> , 1999, 33, 1323-1326.	1.9	10
112	Organic acids in continental background aerosols. <i>Atmospheric Environment</i> , 1999, 33, 1847-1852.	1.9	184
113	Contribution of carbonaceous material to cloud condensation nuclei concentrations in European background (Mt. Sonnblick) and urban (Vienna) aerosols. <i>Atmospheric Environment</i> , 1999, 33, 2647-2659.	1.9	65
114	Time trends in the concentrations of lead in wet precipitation from rural and urban sites in Austria. <i>Chemosphere</i> , 1999, 38, 2509-2515.	4.2	7
115	Inventorying emissions from nature in Europe. <i>Journal of Geophysical Research</i> , 1999, 104, 8113-8152.	3.3	452
116	Seasonal variation of SO ₂ , HNO ₃ , NH ₃ and selected aerosol components at Sonnblick (3106m a.s.l.). <i>Atmospheric Environment</i> , 1998, 32, 3925-3939.	1.9	58
117	Transport of polluted boundary layer air from the Po Valley to high-alpine sites. <i>Atmospheric Environment</i> , 1998, 32, 3953-3965.	1.9	79
118	Concentration of ionic compounds in the wintertime deposition. <i>Atmospheric Environment</i> , 1998, 32, 4031-4040.	1.9	21
119	Ten years trends (1984-1993) in the precipitation chemistry in central Austria. <i>Atmospheric Environment</i> , 1998, 32, 193-202.	1.9	56
120	On-line measurements of sulfur dioxide at the 3km level over central Europe (Sonnblick observatory). <i>Journal of Geophysical Research</i> , 1999, 104, 18011-18018.	1.9	18
121	Seasonal and annual deposition rates of sulphur, nitrogen and chloride species to an oak forest in north-eastern Austria (Wolkersdorf, 240 m a.s.l.). <i>Atmospheric Environment</i> , 1998, 32, 3557-3568.	1.9	35
122	Scavenging efficiency of lead and sulfate in supercooled clouds at Sonnblick, 3106m a.s.l., Austria. <i>Atmospheric Environment</i> , 1998, 32, 3967-3974.	1.9	13
123	Relationships of major ions in snow fall and rime at Sonnblick observatory (SBO, 3106m) and implications for scavenging processes in mixed clouds. <i>Atmospheric Environment</i> , 1998, 32, 4011-4020.	1.9	27
124	Determination of silicon using electrothermal Zeeman atomic absorption spectrometry in presence of some transition metals as modifiers. <i>Fresenius' Journal of Analytical Chemistry</i> , 1998, 360, 650-653.	1.5	16
125	Occurrence of nitric acid and related compounds in the Northern Vienna basin during summertime anticyclonic conditions. <i>Atmospheric Environment</i> , 1997, 31, 1049-1057.	1.9	9
126	Observation of dipropenyldisulfide and other organic sulfur compounds in the atmosphere of a beech forest with <i>Allium ursinum</i> ground cover. <i>Atmospheric Environment</i> , 1997, 31, 291-294.	1.9	24

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127	Spatial variability in the chemical composition of the snowcover at high alpine sites. Theoretical and Applied Climatology, 1997, 56, 25-32.	1.3	3
128	Enzymatic determination of the cellulose content of atmospheric aerosols. Atmospheric Environment, 1996, 30, 1233-1236.	1.9	77
129	Relative contribution of oxygenated hydrocarbons to the total biogenic VOC emissions of selected mid-European agricultural and natural plant species. Atmospheric Environment, 1995, 29, 861-874.	1.9	339
130	Henry's law and the behavior of weak acids and bases in fog and cloud. Journal of Atmospheric Chemistry, 1994, 19, 173-188.	1.4	48
131	Determination of SO ₂ , HNO ₃ , NH ₃ and aerosol components at a high alpine background site with a filter pack method. Analytica Chimica Acta, 1994, 291, 297-304.	2.6	30
132	Inorganic constituents in aerosols, cloud water and precipitation collected at the high alpine measurement station Sonnblick: Sampling, analysis and exemplary results. Fresenius' Journal of Analytical Chemistry, 1994, 350, 431-439.	1.5	7
133	?Badge-type? passive sampler for monitoring ambient ammonia concentrations. Fresenius' Journal of Analytical Chemistry, 1994, 350, 448-453.	1.5	13
134	A study of the influence of riming of ice crystals on snow chemistry during different seasons in precipitating continental clouds. Atmospheric Environment, 1994, 28, 3311-3328.	1.9	37
135	Cloudwater chemistry in the subcooled droplet regime at Mount Sonnblick (3106 M A.S.L., Salzburg.) Tj ETQq1 1 0,784314 rgBT /Ove 1.1 47	1.1	47
136	Seasonal variation of HNO ₃ , HCl, SO ₂ , NH ₃ and particulate matter at a rural site in northeastern Austria (wolkersdorf, 240 m a.s.l.). Atmospheric Environment Part A General Topics, 1993, 27, 2445-2447.	1.3	34
137	Comment [on "Should bulk cloudwater or fogwater samples obey Henry's law?" by S. N. Pandis and J. H. Seinfeld]. Journal of Geophysical Research, 1992, 97, 6075-6078.	3.3	26
138	Phase-partitioning and chemical reactions of low molecular weight organic compounds in fog. Tellus, Series B: Chemical and Physical Meteorology, 1992, 44, 533-544.	0.8	32
139	The Po Valley Fog Experiment 1989.. Tellus, Series B: Chemical and Physical Meteorology, 1992, 44, 448-468.	0.8	76
140	Analysis of Unusually High Ozone Peaks in the Vienna Urban Plume. , 1992, , 745-746.		0
141	Measurements and calculations of the aerosol absorption coefficient; the influence of systematical errors and state of mixing. Journal of Aerosol Science, 1991, 22, S443-S446.	1.8	5
142	A one-year record of ozone profiles in an Alpine valley (Zillertal/Tyrol, Austria, 600-2000 m a.s.l.). Atmospheric Environment Part A General Topics, 1991, 25, 1759-1765.	1.3	30
143	The palladium/silver membrane focusing injector ? A new inlet system for thermal desorption capillary gas chromatography. Fresenius' Journal of Analytical Chemistry, 1991, 339, 223-225.	1.5	1
144	An intercomparison of measurement systems for vapor and particulate phase concentrations of formic and acetic acids. Journal of Geophysical Research, 1989, 94, 6457-6471.	3.3	96

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145	Organic acid gas and liquid-phase measurements in Po Valley fall-winter conditions in the presence of fog. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1988, 40B, 348-357.	0.8	76
146	Determination of inorganic and organic volatile acids, NH ₃ , particulate SO ₄ ²⁻ , NO ₃ ⁻ and Cl ⁻ in ambient air with an annular diffusion denuder system. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1988, 331, 1-7.	0.7	39
147	Atmospheric concentrations of formic and acetic acid and related compounds in eastern and northern Austria. <i>Atmospheric Environment</i> , 1988, 22, 2841-2850.	1.1	105
148	Application of a Portable Ion Chromatograph for Field Site Measurements of the Ionic Composition of Fog Water and Atmospheric Aerosols. <i>International Journal of Environmental Analytical Chemistry</i> , 1987, 31, 11-22.	1.8	28
149	Analysis of aerosols using total reflection x-ray spectrometry. <i>Analytical Chemistry</i> , 1987, 59, 1911-1914.	3.2	38
150	Application of ion-selective electrodes in environmental analysis. <i>Analytica Chimica Acta</i> , 1987, 194, 163-170.	2.6	24
151	Simultane Bestimmung von einigen anorganischen und organischen Anionen durch ein ionenchromatographisches Drei-Säulen-System. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1985, 320, 445-450.	0.7	11
152	Spatial distribution of atmospheric aerosol constituents in Linz (Austria). <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1985, 322, 205-212.	0.7	15
153	Chemical composition of nucleation and accumulation mode particles collected in Vienna, Austria. <i>Atmospheric Environment</i> , 1984, 18, 573-580.	1.1	26
154	Die Anwendung von Receptormodellen zur Aerosolquellenanalyse – Ein Review. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1984, 317, 278-285.	0.7	6
155	Photometrische Bestimmung von Phosphat und löslichem Silikat in Umweltproben. <i>Mikrochimica Acta</i> , 1984, 82, 361-376.	2.5	5
156	Vertical concentration profiles of traffic derived components in a street canyon. <i>Science of the Total Environment</i> , 1984, 36, 47-52.	3.9	8
157	Size distribution of traffic derived aerosols. <i>Science of the Total Environment</i> , 1984, 36, 299-303.	3.9	17
158	Inductively coupled plasma optical emission spectrometry for the analysis of aerosol samples collected by cascade impactors. <i>Analytical Chemistry</i> , 1982, 54, 2174-2179.	3.2	30
159	Application of Two Thermo-gas-analyzers for Atmospheric Aerosol Characterization. <i>International Journal of Environmental Analytical Chemistry</i> , 1981, 10, 1-6.	1.8	7
160	A simple routine method for the rapid determination of organic and inorganic carbon in oil shale. <i>Analytica Chimica Acta</i> , 1978, 99, 263-268.	2.6	0
161	Analysis of the respirable fraction of airborne particles collected by cascade impactors. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1978, 291, 354-365.	0.7	6
162	Eine relativkonduktometrische Mikromethode zur Bestimmung von Ammonium in Stäuben. <i>Mikrochimica Acta</i> , 1977, 68, 157-165.	2.5	3

#	ARTICLE	IF	CITATIONS
163	Potentiometric determination of chloride and bromide in airborne dust. Mikrochimica Acta, 1977, 68, 325-330.	2.5	4
164	Thermoanalytical investigations on dust. Fresenius Zeitschrift für Analytische Chemie, 1976, 282, 291-295.	0.7	10
165	Two micromethods for the determination of low sulphur dioxide contents in glass. Analytica Chimica Acta, 1975, 74, 261-268.	2.6	2