

Viney P Aneja

List of Publications by Year in descending order

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177
papers

6,596
citations

76031

42
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90395

73
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179
all docs

179
docs citations

179
times ranked

7034
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical composition of clouds at Mt. Mitchell, North Carolina, USA. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 44, 41.	0.8	10
2	Seasonal variations of nitric oxide flux from agricultural soils in the Southeast United States. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 48, 626.	0.8	9
3	Estimating NH ₃ and PM _{2.5} emissions from the Australia mega wildfires and the impact of plume transport on air quality in Australia and New Zealand. <i>Environmental Science Atmospheres</i> , 2022, 2, 634-646.	0.9	4
4	Particulate Matter and Ammonia Pollution in the Animal Agricultural-Producing Regions of North Carolina: Integrated Ground-Based Measurements and Satellite Analysis. <i>Atmosphere</i> , 2022, 13, 821.	1.0	2
5	Global emissions of NH ₃ , NO _x , and N ₂ O from biomass burning and the impact of climate change. <i>Journal of the Air and Waste Management Association</i> , 2021, 71, 102-114.	0.9	17
6	Coupled Air Quality and Boundary-Layer Meteorology in Western U.S. Basins during Winter: Design and Rationale for a Comprehensive Study. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E2012-E2033.	1.7	14
7	Impact of lockdown during the COVID-19 outbreak on multi-scale air quality. <i>Atmospheric Environment</i> , 2021, 254, 118386.	1.9	42
8	Atmospheric Nitrogen Oxides Emissions from Global Agricultural Soils: Present and Future. <i>International Journal of Plant and Environment</i> , 2021, 7, 1-10.	0.2	0
9	Modeling and measurements of ammonia from poultry operations: Their emissions, transport, and deposition in the Chesapeake Bay. <i>Science of the Total Environment</i> , 2020, 706, 135290.	3.9	14
10	Characterization of the Global Sources of Atmospheric Ammonia from Agricultural Soils. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031684.	1.2	18
11	A multi-scale model analysis of ozone formation in the Bangkok Metropolitan Region, Thailand. <i>Atmospheric Environment</i> , 2020, 229, 117433.	1.9	6
12	Urban wind field analysis from the Jack Rabbit II Special Sonic Anemometer Study. <i>Atmospheric Environment</i> , 2020, 243, 117871.	1.9	11
13	Ozone in Urban North Carolina: , 2020, , 167-184.		1
14	A World of Cobenefits: Solving the Global Nitrogen Challenge. <i>Earth's Future</i> , 2019, 7, 865-872.	2.4	122
15	The role of biomass burning agricultural emissions in the Indo-Gangetic Plains on the air quality in New Delhi, India. <i>Atmospheric Environment</i> , 2019, 218, 116983.	1.9	43
16	Evaluating Ammonia (NH ₃) Predictions in the NOAA NAQFC for Eastern North Carolina Using Ground Level and Satellite Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 8242-8259.	1.2	6
17	Characterization of atmospheric nitrous oxide emissions from global agricultural soils. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	17
18	Assessment of gaseous criteria pollutants in the Bangkok Metropolitan Region, Thailand. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12581-12593.	1.9	14

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19	Ammonia emissions from biomass burning in the continental United States. <i>Atmospheric Environment</i> , 2018, 187, 50-61.	1.9	30
20	Evaluating ammonia (NH ₃) predictions in the NOAA National Air Quality Forecast Capability (NAQFC) using in-situ aircraft and satellite measurements from the CalNex2010 campaign. <i>Atmospheric Environment</i> , 2017, 163, 65-76.	1.9	34
21	Is nitrogen the next carbon?. <i>Earth's Future</i> , 2017, 5, 894-904.	2.4	182
22	Characterization of PM _{2.5} in Delhi: role and impact of secondary aerosol, burning of biomass, and municipal solid waste and crustal matter. <i>Environmental Science and Pollution Research</i> , 2017, 24, 25179-25189.	2.7	58
23	Particulate matter pollution in the coal-producing regions of the Appalachian Mountains: Integrated ground-based measurements and satellite analysis. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 421-430.	0.9	19
24	Trend and variability of atmospheric ozone over middle Indo-Gangetic Plain: impacts of seasonality and precursor gases. <i>Environmental Science and Pollution Research</i> , 2017, 24, 164-179.	2.7	29
25	Characterization of Particulate Matter (PM _{2.5} and PM ₁₀) Relating to a Coal Power Plant in the Boroughs of Springdale and Cheswick, PA. <i>Atmosphere</i> , 2017, 8, 186.	1.0	10
26	Measurements and Analysis of Polycyclic Aromatic Hydrocarbons near a Major Interstate. <i>Atmosphere</i> , 2016, 7, 131.	1.0	1
27	Evaluating ammonia (NH ₃) predictions in the NOAA National Air Quality Forecast Capability (NAQFC) using in situ aircraft, ground-level, and satellite measurements from the DISCOVER-AQ Colorado campaign. <i>Atmospheric Environment</i> , 2016, 140, 342-351.	1.9	27
28	Spring and summer contrast in new particle formation over nine forest areas in North America. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 13993-14003.	1.9	36
29	Measurement and Analysis of Fine Particulate Matter (PM _{2.5}) in Urban Areas of Pakistan. <i>Aerosol and Air Quality Research</i> , 2015, 15, 426-439.	0.9	58
30	Measurements and analysis of air quality in Islamabad, Pakistan. <i>Earth's Future</i> , 2014, 2, 303-314.	2.4	19
31	Characterizing reduced sulfur compounds emissions from a swine concentrated animal feeding operation. <i>Atmospheric Environment</i> , 2014, 94, 458-466.	1.9	16
32	Measurement and Modeling of Hydrogen Sulfide Lagoon Emissions from a Swine Concentrated Animal Feeding Operation. <i>Environmental Science & Technology</i> , 2014, 48, 1609-1617.	4.6	25
33	Progress in Nitrogen Deposition Monitoring and Modelling. , 2014, , 455-463.		3
34	Ammonia Emissions in the US: Assessing the Role of Bi-directional Ammonia Transport Using the Community Multi-scale Air Quality (CMAQ) Model. , 2014, , 31-38.		0
35	Climate Vulnerabilities of the Swine Industry. , 2013, , 77-87.		0
36	Ammonia in the atmosphere: a review on emission sources, atmospheric chemistry and deposition on terrestrial bodies. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8092-8131.	2.7	710

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37	Formation and growth of atmospheric particles at a forest site in the southeast US. , 2013, , .		0
38	Observation and Analysis of Particle Nucleation at a Forest Site in Southeastern US. Atmosphere, 2013, 4, 72-93.	1.0	16
39	Characterizing ammonia emissions from a commercial mechanically ventilated swine finishing facility and an anaerobic waste lagoon in North Carolina. Atmospheric Pollution Research, 2012, 3, 279-288.	1.8	13
40	Characterizing non-methane volatile organic compounds emissions from a swine concentrated animal feeding operation. Atmospheric Environment, 2012, 47, 348-357.	1.9	21
41	Reactive nitrogen emissions from crop and livestock farming in India. Atmospheric Environment, 2012, 47, 92-103.	1.9	71
42	Characterization of particulate matter (PM10) related to surface coal mining operations in Appalachia. Atmospheric Environment, 2012, 54, 496-501.	1.9	93
43	Effects of Agriculture upon the Air Quality and Climate: Research, Policy, and Regulations. Environmental Science & Technology, 2009, 43, 4234-4240.	4.6	219
44	Linking Ammonia Emission Trends to Measured Concentrations and Deposition of Reduced Nitrogen at Different Scales. , 2009, , 123-180.		28
45	Detecting Change in Atmospheric Ammonia Following Emission Changes. , 2009, , 383-390.		5
46	Farming pollution. Nature Geoscience, 2008, 1, 409-411.	5.4	93
47	Modeling agricultural air quality: Current status, major challenges, and outlook. Atmospheric Environment, 2008, 42, 3218-3237.	1.9	46
48	Characterizing ammonia and hydrogen sulfide emissions from a swine waste treatment lagoon in North Carolina. Atmospheric Environment, 2008, 42, 3277-3290.	1.9	88
49	Modeling atmospheric transport and fate of ammonia in North Carolinaâ€”Part II: Effect of ammonia emissions on fine particulate matter formation. Atmospheric Environment, 2008, 42, 3437-3451.	1.9	45
50	Modeling atmospheric transport and fate of ammonia in North Carolinaâ€”Part I: Evaluation of meteorological and chemical predictions. Atmospheric Environment, 2008, 42, 3419-3436.	1.9	52
51	Trends in agricultural ammonia emissions and ammonium concentrations in precipitation over the Southeast and Midwest United States. Atmospheric Environment, 2008, 42, 3238-3252.	1.9	21
52	Measurement and analysis of ammonia and hydrogen sulfide emissions from a mechanically ventilated swine confinement building in North Carolina. Atmospheric Environment, 2008, 42, 3315-3331.	1.9	56
53	Workshop on Agricultural Air Quality: State of the science. Atmospheric Environment, 2008, 42, 3195-3208.	1.9	31
54	Characterizing ammonia emissions from swine farms in eastern North Carolina: Reduction of emissions from water-holding structures at two candidate superior technologies for waste treatment. Atmospheric Environment, 2008, 42, 3291-3300.	1.9	16

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55	Modeling hydrogen sulfide emissions across the gas-liquid interface of an anaerobic swine waste treatment storage system. Atmospheric Environment, 2008, 42, 5602-5611.	1.9	40
56	Characterizing Ammonia Emissions from Swine Farms in Eastern North Carolina: Part 2- Potential Environmentally Superior Technologies for Waste Treatment. Journal of the Air and Waste Management Association, 2008, 58, 1145-1157.	0.9	9
57	Modeling Studies of Ammonia Dispersion and Dry Deposition at Some Hog Farms in North Carolina. Journal of the Air and Waste Management Association, 2008, 58, 1198-1207.	0.9	18
58	Back-Trajectory Analysis and Source-Receptor Relationships: Particulate Matter and Nitrogen Isotopic Composition in Rainwater. Journal of the Air and Waste Management Association, 2008, 58, 1215-1222.	0.9	16
59	A Special Issue of JA&WMA on Agricultural Air Quality: State of the Science. Journal of the Air and Waste Management Association, 2008, 58, 1113-1115.	0.9	1
60	Characterizing Ammonia Emissions from Swine Farms in Eastern North Carolina: Part 1- Conventional Lagoon and Spray Technology for Waste Treatment. Journal of the Air and Waste Management Association, 2008, 58, 1130-1144.	0.9	22
61	Measurement, Analysis, and Modeling of Fine Particulate Matter in Eastern North Carolina. Journal of the Air and Waste Management Association, 2008, 58, 1208-1214.	0.9	10
62	Ammonia Assessment from Agriculture: U.S. Status and Needs. Journal of Environmental Quality, 2008, 37, 515-520.	1.0	73
63	Modeling and Analysis of Ozone and Nitrogen Oxides in the Southeast United States National Parks. , 2007, , 13-19.		0
64	Characterization of Major Chemical Components of Fine Particulate Matter in North Carolina. Journal of the Air and Waste Management Association, 2006, 56, 1099-1107.	0.9	38
65	Emerging national research needs for agricultural air quality. Eos, 2006, 87, 25.	0.1	41
66	An integrated perspective on assessing agricultural air quality. International Journal of Global Environmental Issues, 2006, 6, 137.	0.1	1
67	Vertical distribution of VOCs and ozone observed in suburban North Carolina. International Journal of Global Environmental Issues, 2006, 6, 149.	0.1	1
68	Modelling and analysis of the atmospheric nitrogen deposition in North Carolina. International Journal of Global Environmental Issues, 2006, 6, 231.	0.1	121
69	Considering ecological formulations for estimating deposition velocity in air quality models. International Journal of Global Environmental Issues, 2006, 6, 270.	0.1	9
70	Temporal variability and case study of high O ₃ episodes in two southeastern US national parks. International Journal of Global Environmental Issues, 2006, 6, 173.	0.1	1
71	A preliminary review of gas-to-particle conversion monitoring and modelling efforts in the USA. International Journal of Global Environmental Issues, 2006, 6, 204.	0.1	13
72	Measurement and estimation of ammonia emissions from lagoon-atmosphere interface using a coupled mass transfer and chemical reactions model, and an equilibrium model. Atmospheric Environment, 2006, 40, 275-286.	1.9	23

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73	Dynamic atmospheric chamber systems: applications to trace gas emissions from soil and plant uptake. International Journal of Global Environmental Issues, 2006, 6, 253.	0.1	2
74	Dynamic Chamber System to Measure Gaseous Compounds Emissions and Atmospheric-Biospheric Interactions. , 2006, , 97-109.		3
75	An ozone climatology: relationship between meteorology and ozone in the Southeast USA. International Journal of Environment and Pollution, 2005, 23, 123.	0.2	4
76	Observation based analysis for the determination of equilibrium time constant between ammonia, acid gases, and fine particles. International Journal of Environment and Pollution, 2005, 23, 239.	0.2	16
77	Reactive nitrogen oxides in the southeast United States national parks: source identification, origin, and process budget. Atmospheric Environment, 2005, 39, 315-327.	1.9	18
78	Characterization of non-methane volatile organic compounds at swine facilities in eastern North Carolina. Atmospheric Environment, 2005, 39, 6707-6718.	1.9	39
79	Modeling of Ammonia Emissions from Soils. Environmental Engineering Science, 2005, 22, 58-72.	0.8	14
80	Ammonia flux and dry deposition velocity from near-surface concentration gradient measurements over a grass surface in North Carolina. Atmospheric Environment, 2004, 38, 3469-3480.	1.9	76
81	Observed and modeled VOC chemistry under high VOC/NO conditions in the Southeast United States national parks. Atmospheric Environment, 2004, 38, 4969-4974.	1.9	23
82	Ozone and Other Air Quality-Related Variables Affecting Visibility in the Southeast United States. Journal of the Air and Waste Management Association, 2004, 54, 681-688.	0.9	7
83	Measurement and Analysis of the Relationship between Ammonia, Acid Gases, and Fine Particles in Eastern North Carolina. Journal of the Air and Waste Management Association, 2004, 54, 623-633.	0.9	74
84	Chemical coupling between ammonia, acid gases, and fine particles. Environmental Pollution, 2004, 129, 89-98.	3.7	127
85	Measurements of air-surface exchange rates of volatile organic compounds. International Journal of Environment and Pollution, 2004, 22, 547.	0.2	3
86	Measurements and Modeling of Regional Air Quality in three Southeast United States National Parks. , 2004, , 57-65.		0
87	Establishing the link between ammonia emission control and measurements of reduced nitrogen concentrations and deposition. Environmental Monitoring and Assessment, 2003, 82, 149-185.	1.3	65
88	Measurements of hydrocarbon air-surface exchange rates over maize. Atmospheric Environment, 2003, 37, 2269-2277.	1.9	33
89	Evaluation and improvement of ammonia emissions inventories. Atmospheric Environment, 2003, 37, 3873-3883.	1.9	179
90	Agricultural ammonia emissions and ammonium concentrations associated with aerosols and precipitation in the southeast United States. Journal of Geophysical Research, 2003, 108, .	3.3	84

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91	Nonmethane hydrocarbons and ozone in three rural southeast United States national parks: A model sensitivity analysis and comparison to measurements. Journal of Geophysical Research, 2003, 108, .	3.3	31
92	Regional Analysis of Nonmethane Volatile Organic Compounds in the Lower Troposphere of the Southeast United States. Journal of Environmental Engineering, ASCE, 2003, 129, 1085-1103.	0.7	10
93	Soil Nitric Oxide Emissions: Lab and Field Measurements and Comparison. Environmental Engineering Science, 2002, 19, 205-214.	0.8	4
94	Volatile organic compounds in some urban locations in United States. Chemosphere, 2002, 47, 863-882.	4.2	156
95	Characterization of ammonia emissions from soils in the upper coastal plain, North Carolina. Atmospheric Environment, 2002, 36, 1087-1097.	1.9	81
96	Nitric oxide emissions from soils amended with municipal waste biosolids. Atmospheric Environment, 2002, 36, 137-147.	1.9	12
97	Modeling nitric oxide emissions from biosolid amended soils. Atmospheric Environment, 2002, 36, 5687-5696.	1.9	3
98	Nonmethane hydrocarbons in the rural southeast United States national parks. Journal of Geophysical Research, 2001, 106, 3133-3155.	3.3	21
99	Measurements and analysis of criteria pollutants in New Delhi, India. Environment International, 2001, 27, 35-42.	4.8	140
100	Measurement and Modelling of Ammonia Emissions at Waste Treatment Lagoon-Atmospheric Interface. Water, Air and Soil Pollution, 2001, 1, 177-188.	0.8	35
101	Biogenic nitric oxide emissions from cropland soils. Atmospheric Environment, 2001, 35, 115-124.	1.9	29
102	Atmospheric nitrogen compounds II: emissions, transport, transformation, deposition and assessment. Atmospheric Environment, 2001, 35, 1903-1911.	1.9	276
103	Measurement and analysis of atmospheric ammonia emissions from anaerobic lagoons. Atmospheric Environment, 2001, 35, 1949-1958.	1.9	96
104	Vertical distribution of oxides of nitrogen in the semi-urban planetary boundary layer: mixing ratios, sources and transport. Chemosphere, 2001, 3, 7-23.	1.2	2
105	Measurement and Modelling of Ammonia Emissions at Waste Treatment Lagoon-Atmospheric Interface. , 2001, , 177-188.		0
106	Atmospheric transport and wet deposition of ammonium in North Carolina. Atmospheric Environment, 2000, 34, 3407-3418.	1.9	123
107	An observational based analysis of ozone trends and production for urban areas in North Carolina. Chemosphere, 2000, 2, 157-165.	1.2	12
108	Nitric Oxide Emissions from Engineered Soil Systems. Journal of Environmental Engineering, ASCE, 2000, 126, 225-232.	0.7	9

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109	Characterization of atmospheric ammonia emissions from swine waste storage and treatment lagoons. Journal of Geophysical Research, 2000, 105, 11535-11545.	3.3	199
110	Climatology of Diurnal Trends and Vertical Distribution of Ozone in the Atmospheric Boundary Layer in Urban North Carolina. Journal of the Air and Waste Management Association, 2000, 50, 54-64.	0.9	24
111	Coupling the Vertical Distribution of Ozone in the Atmospheric Boundary Layer. Environmental Science & Technology, 2000, 34, 2324-2329.	4.6	51
112	Trends in Ammonium Concentration in Precipitation and Atmospheric Ammonia Emissions at a Coastal Plain Site in North Carolina, U.S.A.. Environmental Science & Technology, 2000, 34, 3527-3534.	4.6	46
113	Peroxyacetyl Nitrate in Atlanta, Georgia: Comparison and Analysis of Ambient Data for Suburban and Downtown Locations. Journal of the Air and Waste Management Association, 1999, 49, 177-184.	0.9	12
114	Ozone patterns for three metropolitan statistical areas in North Carolina, USA. Atmospheric Environment, 1999, 33, 5081-5093.	1.9	13
115	Measurement of nitrogen oxide emissions from an agricultural soil with a dynamic chamber system. Journal of Geophysical Research, 1999, 104, 1609-1619.	3.3	35
116	Nitric oxide emission from intensively managed agricultural soil in North Carolina. Journal of Geophysical Research, 1999, 104, 26115-26123.	3.3	18
117	Analysis of ammonia and aerosol concentrations and deposition near the free troposphere at Mt. Mitchell, NC, U.S.A.. Atmospheric Environment, 1998, 32, 353-358.	1.9	28
118	Characterization of biogenic nitric oxide source strength in the southeast United States. Environmental Pollution, 1998, 102, 211-218.	3.7	7
119	Analysis of ammonia, ammonium aerosols and acid gases in the atmosphere at a commercial hog farm in eastern North Carolina, USA. Environmental Pollution, 1998, 102, 263-268.	3.7	63
120	Analysis of ammonia, ammonium aerosols and acid gases in the atmosphere at a commercial hog farm in eastern North Carolina, USA. , 1998, , 263-268.		0
121	Characterization of biogenic nitric oxide source strength in the southeast United States. , 1998, , 211-218.		0
122	Nitrogen Oxide Flux from an Agricultural Soil During Winter Fallow in the Upper Coastal Plain of North Carolina, U.S.A.. Journal of the Air and Waste Management Association, 1997, 47, 800-805.	0.9	3
123	Trends and analysis of ambient NO, NOy, CO, and ozone concentrations in raleigh, north carolina. Chemosphere, 1997, 34, 611-623.	4.2	15
124	Chemical and mutagenic analysis of volatile organic compounds in Raleigh air samples at three different elevations before, during, and after hurricane gordon. Chemosphere, 1997, 35, 879-893.	4.2	7
125	A chemical mass balance analysis of nonmethane hydrocarbon emissions in North Carolina. Chemosphere, 1997, 35, 2751-2765.	4.2	13
126	Contribution of biogenic nitric oxide in urban ozone: Raleigh, NC, as a case study. Atmospheric Environment, 1997, 31, 1531-1537.	1.9	9

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127	Characterization of non-methane hydrocarbons in the rural southeast United States. Atmospheric Environment, 1997, 31, 4017-4038.	1.9	93
128	Measurements and analysis of reactive nitrogen species in the rural troposphere of Southeast United States: Southern oxidant study site SONIA. Atmospheric Environment, 1996, 30, 649-659.	1.9	49
129	Environmental variables controlling nitric oxide :emissions from agricultural soils in the southeast united states. Atmospheric Environment, 1996, 30, 3573-3582.	1.9	32
130	Seasonal variations of nitric oxide flux from agricultural soils in the Southeast United States. Tellus, Series B: Chemical and Physical Meteorology, 1996, 48, 626-640.	0.8	9
131	Correlation of Ozone and Meteorology with Hydrogen Peroxide in Urban and Rural Regions of North Carolina. Journal of Applied Meteorology and Climatology, 1995, 34, 1890-1898.	1.7	7
132	Hydrocarbon Measurements During the 1992 Southern Oxidants Study Atlanta Intensive: Protocol and Quality Assurance. Journal of the Air and Waste Management Association, 1995, 45, 521-528.	0.9	24
133	Measurements of nitric oxide flux from an upper coastal plain, North Carolina agricultural soil. Atmospheric Environment, 1995, 29, 3037-3042.	1.9	37
134	Photochemistry of ozone formation in Atlanta, GA-Models and measurements. Atmospheric Environment, 1995, 29, 3055-3066.	1.9	67
135	Vertical sampling and analysis of nonmethane hydrocarbons for ozone control in urban North Carolina. Journal of Geophysical Research, 1995, 100, 22785.	3.3	20
136	The compatibility between aircraft and ground-based air quality measurements. Journal of Geophysical Research, 1994, 99, 1043.	3.3	3
137	Relationships between peroxyacetyl nitrate, O ₃ , and NO _y at the rural Southern Oxidants Study site in central Piedmont, North Carolina, site SONIA. Journal of Geophysical Research, 1994, 99, 21033.	3.3	24
138	Ozone case studies at high elevation in the eastern United States. Chemosphere, 1994, 29, 1711-1733.	4.2	22
139	Trends, seasonal variations, and analysis of high-elevation surface nitric acid, ozone, and hydrogen peroxide. Atmospheric Environment, 1994, 28, 1781-1790.	1.9	50
140	Measurements and analysis of concentrations of gaseous hydrogen peroxide and related species in the rural Central Piedmont region of North Carolina. Atmospheric Environment, 1994, 28, 2473-2483.	1.9	25
141	Characterization of nitrogen oxide fluxes from soil of a fallow field in the central piedmont of North Carolina. Atmospheric Environment, 1994, 28, 1129-1137.	1.9	55
142	Workshop on the Intercomparison of Methodologies for Soil NO _x Emissions: Summary of Discussion and Research Recommendations. Journal of the Air and Waste Management Association, 1994, 44, 977-982.	0.6	4
143	Monitoring Deposition of Nitrogen-Containing Compounds in a High-Elevation Forest Canopy. Journal of the Air and Waste Management Association, 1994, 44, 1109-1115.	0.6	5
144	Measurements and Analysis of Photochemical Oxidants and Trace Gases in the Rural Troposphere of the Southeast United States. Israel Journal of Chemistry, 1994, 34, 387-401.	1.0	8

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145	Chemical Dynamics of Clouds at Mt. Mitchell, North Carolina. Journal of the Air and Waste Management Association, 1993, 43, 1074-1083.	0.6	11
146	Organic Compounds in Cloud Water and their Deposition at a Remote Continental Site. Journal of the Air and Waste Management Association, 1993, 43, 1239-1244.	0.6	18
147	Transport and fate of reactive trace gases in red spruce needles. 2. Interpretations of flux experiments using gas transport theory. Environmental Science & Technology, 1993, 27, 2593-2605.	4.6	9
148	Transport and fate of reactive trace gases in red spruce needles. 1. Uptake of gaseous hydrogen peroxide as measured in controlled chamber flux experiments. Environmental Science & Technology, 1993, 27, 2585-2592.	4.6	8
149	<title>Ground-based intercomparison of path-integrated DOAS measurements and conventional point measurements of ambient trace-gas concentrations</title>. , 1993, , .		1
150	Regional analysis of cloud chemistry at high elevations in the eastern United States. Atmospheric Environment Part A General Topics, 1992, 26, 2001-2017.	1.3	47
151	Ozone in the urban southeastern United States. Environmental Pollution, 1992, 75, 39-44.	3.7	14
152	Chemical climatology of high elevation spruce-fir forests in the southern Appalachian mountains. Environmental Pollution, 1992, 75, 89-96.	3.7	20
153	Characterization of ozone at high elevation in the eastern United States: Trends, seasonal variations, and exposure. Journal of Geophysical Research, 1992, 97, 9873-9888.	3.3	31
154	Microphysical Effects on Cloud Water Acidity: A Case Study in a Nonprecipitating Cloud Event Observed at Mt. Mitchell, North Carolina. Journal of the Air and Waste Management Association, 1992, 42, 1345-1349.	0.2	3
155	Chemical composition of clouds at Mt. Mitchell, North Carolina, USA. Tellus, Series B: Chemical and Physical Meteorology, 1992, 44, 41-53.	0.8	15
156	Ozone climatology at high elevations in the southern Appalachians. Journal of Geophysical Research, 1991, 96, 1007-1021.	3.3	49
157	Measurements of atmospheric hydrogen peroxide in the gas phase and in cloud water at Mt. Mitchell, North Carolina. Journal of Geophysical Research, 1991, 96, 18771-18787.	3.3	47
158	Natural sulfur emissions into the atmosphere.. Journal of Environmental Conservation Engineering, 1991, 20, 256-265.	0.0	1
159	THE EMISSION RATE OF DIMETHYL SULFIDE AT THE ATMOSPHERIC-OCEANIC INTERFACE. Chemical Engineering Communications, 1990, 98, 199-209.	1.5	13
160	Natural Sulfur Emissions into the Atmosphere. Journal of the Air and Waste Management Association, 1990, 40, 469-476.	0.2	54
161	Exceedances of the National Ambient Air Quality Standard for Ozone Occurring at a "Pristine" Area Site. Journal of the Air and Waste Management Association, 1990, 40, 217-220.	0.2	15
162	Dynamic chemical characterization of montane clouds. Atmospheric Environment Part A General Topics, 1990, 24, 563-572.	1.3	19

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163	Sulfate aerosol formation rate in an oil fired power plant plume. Environmental Technology Letters, 1987, 8, 167-180.	0.4	1
164	Dry Deposition of Ammonia at Environmental Concentrations on Selected Plant Species. Journal of the Air Pollution Control Association, 1986, 36, 1338-1341.	0.5	27
165	Characterization of emissions of biogenic atmospheric hydrogen sulfide. Tellus, Series B: Chemical and Physical Meteorology, 1986, 38B, 81-86.	0.8	7
166	Characterization of emissions of biogenic atmospheric hydrogen sulfide. Tellus, Series B: Chemical and Physical Meteorology, 1986, 38, 81-86.	0.8	2
167	Mass transfer of NH ₃ into water at environmental concentrations. Chemical Engineering Science, 1984, 39, 1143-1155.	1.9	17
168	Summary of an APCA International Specialty Conference. Journal of the Air Pollution Control Association, 1984, 34, 799-803.	0.5	4
169	Biogenic Sulfur Compounds and the Global Sulfur Cycle. Journal of the Air Pollution Control Association, 1982, 32, 803-807.	0.5	31
170	Influence of gaseous nitric acid on sulfate production and acidity in rain. Atmospheric Environment, 1981, 15, 1059-1068.	1.1	41
171	Emission Survey of Biogenic Sulfur Flux from Terrestrial Surfaces. Journal of the Air Pollution Control Association, 1981, 31, 256-258.	0.5	35
172	MEASUREMENTS OF EMISSION RATES OF CARBON DISULFIDE FROM BIOGENIC SOURCES AND ITS POSSIBLE IMPORTANCE TO THE STRATOSPHERIC AEROSOL LAYER. Chemical Engineering Communications, 1980, 4, 721-727.	1.5	1
173	Uptake of atmospheric ammonia by selected plant species. Environmental and Experimental Botany, 1980, 20, 251-257.	2.0	35
174	Carbon disulphide and carbonyl sulphide from biogenic sources and their contributions to the global sulphur cycle. Nature, 1979, 282, 493-496.	13.7	62
175	Production of sulfate in rain and raindrops in polluted atmospheres. Atmospheric Environment, 1979, 13, 355-367.	1.1	45
176	Calibration and performance of a thermal converter in the continuous atmospheric monitoring of ammonia. Analytical Chemistry, 1978, 50, 1705-1708.	3.2	42
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