James M Galloway

List of Publications by Year
in descending order

237 papers	49,866 citations	4388 86 h-index	1676 214 g-index
239 all docs	239 docs citations	239 times ranked	37058 citing authors

#	Article	IF	Citations
1	The collection of precipitation for chemical analysis. Tellus, 2022, 30, 71.	0.8	150
2	The composition and deposition of organic carbon in precipitation. Tellus, Series B: Chemical and Physical Meteorology, 2022, 35, 16.	1.6	70
3	A note on acid rain in an Amazon rainforest. Tellus, Series B: Chemical and Physical Meteorology, 2022, 36, 137.	1.6	5
4	Local influences on the composition of precipitation on Bermuda. Tellus, Series B: Chemical and Physical Meteorology, 2022, 40, 178.	1.6	11
5	Explanations for nitrogen decline. Science, 2022, 376, 1169-1170.	12.6	4
6	Decreasing reactive nitrogen losses in organic agricultural systems. Organic Agriculture, 2021, 11, 217-223.	2.4	3
7	The influence of crop and chemical fertilizer combinations on greenhouse gas emissions: A partial life-cycle assessment of fertilizer production and use in China. Resources, Conservation and Recycling, 2021, 168, 105303.	10.8	62
8	Identifying and assessing effectiveness of alternative low-effort nitrogen footprint reductions in small research institutions. Environmental Research Letters, 2021, 16, 035014.	5.2	0
9	Reflections on 200 years of Nitrogen, 20 years later. Ambio, 2021, 50, 745-749.	5.5	40
10	The impacts of stream acidification on fish assemblages: Assessing three decades of recovery in Shenandoah National Park. Global Ecology and Conservation, 2021, 26, e01386.	2.1	3
11	Shenandoah Watershed <scp>Studyâ€Virginia</scp> Trout Stream Sensitivity Study (<scp>SWASâ€VTSSS</scp>): Stream water quality and hydrologic monitoring data for <scp>midâ€Appalachian</scp> headwater streams. Hydrological Processes, 2021, 35, e14164.	2.6	1
12	Observed changes in chronic and episodic acidification in Virginia mountain streams in response to the Clean Air Act and amendments. Atmospheric Environment, 2021, 252, 118279.	4.1	5
13	The Human Creation and Use of Reactive Nitrogen: A Global and Regional Perspective. Annual Review of Environment and Resources, 2021, 46, 255-288.	13.4	54
14	Improving the social cost of nitrous oxide. Nature Climate Change, 2021, 11, 1008-1010.	18.8	16
15	Introducing the Nitrogen Footprint in SIMAP: A Review of Improvements in Nitrogen Footprint Methodology for Institutions. Sustainability and Climate Change, 2021, 14, 415-423.	0.3	0
16	â€œI'll try the veggie burgerâ€ Increasing purchases of sustainable foods with information about sustainability and taste. Appetite, 2020, 155, 104842.	3.7	18
17	Why future nitrogen research needs the social sciences. Current Opinion in Environmental Sustainability, 2020, 47, 54-60.	6.3	7
18	Greenhouse Gas Footprints for Physicists. Physics Teacher, 2020, 58, 238-240.	0.3	1

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19	Nitrogen emissions along global livestock supply chains. Nature Food, 2020, 1, 437-446.	14.0	160
20	A community nitrogen footprint analysis of Baltimore City, Maryland. Environmental Research Letters, 2020, 15, 075007.	5.2	7
21	The nitrogen footprint of organic food in the United States. Environmental Research Letters, 2020, 15, 045004.	5.2	15
22	The U.S. consumer phosphorus footprint: where do nitrogen and phosphorus diverge?. Environmental Research Letters, 2020, 15, 105022.	5.2	19
23	A systems approach to assessing environmental and economic effects of food loss and waste interventions in the United States. Science of the Total Environment, 2019, 685, 1240-1254.	8.0	75
24	A World of Cobenefits: Solving the Global Nitrogen Challenge. Earth's Future, 2019, 7, 865-872.	6.3	122
25	Sustainable Pathways for Meeting Future Food Demand. , 2019, , 14-20.		5
26	Stream geochemical response to reductions in acid deposition in headwater streams: Chronic versus episodic acidification recovery. Hydrological Processes, 2019, 33, 512-526.	2.6	12
27	Toward a Generic Analytical Framework for Sustainable Nitrogen Management: Application for China. Environmental Science & Technology, 2019, 53, 1109-1118.	10.0	27
28	Air pollution success stories in the United States: The value of long-term observations. Environmental Science and Policy, 2018, 84, 69-73.	4.9	91
29	Reactive nitrogen spatial intensity (NrSI): A new indicator for environmental sustainability. Global Environmental Change, 2018, 52, 101-107.	7.8	25
30	An Integrated Approach to a Nitrogen Use Efficiency (NUE) Indicator for the Food Productionâ€"Consumption Chain. Sustainability, 2018, 10, 925.	3.2	62
31	The nitrogen footprint for an Australian university: Institutional change for corporate sustainability. Journal of Cleaner Production, 2018, 197, 534-541.	9.3	14
32	Managing a forgotten greenhouse gas under existing U.S. law: An interdisciplinary analysis. Environmental Science and Policy, 2017, 67, 44-51.	4.9	14
33	An Integrated Tool for Calculating and Reducing Institution Carbon and Nitrogen Footprints. Sustainability, 2017, 10, 140-148.	0.7	20
34	Toward a nitrogen footprint calculator for Tanzania. Environmental Research Letters, 2017, 12, 034016.	5.2	44
35	Footprints Make an Impression. Sustainability, 2017, 10, 71-73.	0.7	0
36	Comparing Institution Nitrogen Footprints: Metrics for Assessing and Tracking Environmental Impact. Sustainability, 2017, 10, 105-113.	0.7	5

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37	Assessing the Social and Environmental Costs of Institution Nitrogen Footprints. Sustainability, 2017, 10, 114-122.	0.7	14
38	The Nitrogen Footprint Tool Network: A Multi-Institution Program To Reduce Nitrogen Pollution. Sustainability, 2017, 10, 79-88.	0.7	23
39	Defining System Boundaries of an Institution Nitrogen Footprint. Sustainability, 2017, 10, 123-130.	0.7	2
40	Virtual Water as a Metric for Institutional Sustainability. Sustainability, 2017, 10, 237-245.	0.7	4
41	Nitrogen footprints: Regional realities and options to reduce nitrogen loss to the environment. Ambio, 2017, 46, 129-142.	5.5	102
42	Ancient water supports today's energy needs. Earth's Future, 2017, 5, 515-519.	6.3	9
43	Observation- and model-based estimates of particulate dry nitrogen deposition to the oceans. Atmospheric Chemistry and Physics, 2017, 17, 8189-8210.	4.9	26
44	How Chinaâ€™s nitrogen footprint of food has changed from 1961 to 2010. Environmental Research Letters, 2017, 12, 104006.	5.2	44
45	Nitrogen: the historical progression from ignorance to knowledge, with a view to future solutions. Soil Research, 2017, 55, 417.	1.1	33
46	Meeting future food demand with current agricultural resources. Global Environmental Change, 2016, 39, 125-132.	7.8	277
47	Environmental impact food labels combining carbon, nitrogen, and water footprints. Food Policy, 2016, 61, 213-223.	6.0	144
48	Reducing Chinaâ€™s fertilizer use by increasing farm size. Global Environmental Change, 2016, 41, 26-32.	7.8	257
49	Beef and coal are key drivers of Australiaâ€™s high nitrogen footprint. Scientific Reports, 2016, 6, 39644.	3.3	51
50	Your feet's too big. Nature Geoscience, 2016, 9, 97-98.	12.9	9
51	The environmental cost of subsistence: Optimizing diets to minimize footprints. Science of the Total Environment, 2016, 553, 120-127.	8.0	121
52	Re-estimating NH₃ Emissions from Chinese Cropland by a New Nonlinear Model. Environmental Science & Technology, 2016, 50, 564-572.	10.0	77
53	A tribute to John Raymond Freney (December 7, 1928â€“January 2, 2015). Environmental Development, 2015, 14, 2-3.	4.1	0
54	Effects of global change during the 21st century on the nitrogen cycle. Atmospheric Chemistry and Physics, 2015, 15, 13849-13893.	4.9	168

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55	Atmospheric Wet Deposition in Remote Regions: Benchmarks for Environmental Change. Journals of the Atmospheric Sciences, 2015, 72, 2947-2978.	1.7	36
56	Changes in wet nitrogen deposition in the United States between 1985 and 2012. Environmental Research Letters, 2014, 9, 095004.	5.2	130
57	First approach to the Japanese nitrogen footprint model to predict the loss of nitrogen to the environment. Environmental Research Letters, 2014, 9, 115013.	5.2	75
58	Nitrogen-neutrality: a step towards sustainability. Environmental Research Letters, 2014, 9, 115001.	5.2	34
59	Nitrogen footprints: past, present and future. Environmental Research Letters, 2014, 9, 115003.	5.2	222
60	The Effects of Atmospheric Nitrogen Deposition on Terrestrial and Freshwater Biodiversity. , 2014, , 465-480.		10
61	Food and feed trade as a driver in the global nitrogen cycle: 50-year trends. Biogeochemistry, 2014, 118, 225-241.	3.5	240
62	Personal nitrogen footprint tool for the United Kingdom. Environmental Sciences: Processes and Impacts, 2014, 16, 1563-1569.	3.5	62
63	The nitrogen footprint of food products and general consumption patterns in Austria. Food Policy, 2014, 49, 128-136.	6.0	94
64	Long-term trends in aerosol and precipitation composition over the western North Atlantic Ocean at Bermuda. Atmospheric Chemistry and Physics, 2014, 14, 8119-8135.	4.9	19
65	Flow climatology for physicochemical properties of dichotomous aerosol over the western North Atlantic Ocean at Bermuda. Atmospheric Chemistry and Physics, 2014, 14, 691-717.	4.9	12
66	Intentional versus unintentional nitrogen use in the United States: trends, efficiency and implications. Biogeochemistry, 2013, 114, 11-23.	3.5	72
67	Estimating environmentally relevant fixed nitrogen demand in the 21st century. Climatic Change, 2013, 120, 889-901.	3.6	27
68	A chronology of human understanding of the nitrogen cycle <sup />. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130120.	4.0	202
69	Nitrogen Footprint in China: Food, Energy, and Nonfood Goods. Environmental Science & Technology, 2013, 47, 9217-9224.	10.0	122
70	Roles of sulfate adsorption and base cation supply in controlling the chemical response of streams of western Virginia to reduced acid deposition. Biogeochemistry, 2013, 116, 119-130.	3.5	18
71	The global nitrogen cycle in the twenty-first century. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130164.	4.0	1,114
72	Consequences of human modification of the global nitrogen cycle. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130116.	4.0	635

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73	A post-Kyoto partner: Considering the stratospheric ozone regime as a tool to manage nitrous oxide. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4451-4457.	7.1	66
74	Toward Institutional Sustainability: A Nitrogen Footprint Model for a University. Sustainability, 2013, 6, 211-219.	0.7	44
75	The role of industrial nitrogen in the global nitrogen biogeochemical cycle. Scientific Reports, 2013, 3, 2579.	3.3	64
76	Atmospheric Nitrogen Deposition to Coastal Estuaries and their Watersheds. Coastal and Estuarine Studies, 2013, , 53-76.	0.4	21
77	A nitrogen footprint model to help consumers understand their role in nitrogen losses to the environment. Environmental Development, 2012, 1, 40-66.	4.1	372
78	Impacts of atmospheric nutrient deposition on marine productivity: Roles of nitrogen, phosphorus, and iron. Global Biogeochemical Cycles, 2011, 25, n/a-n/a.	4.9	177
79	Reactive nitrogen in the environment and its effect on climate change. Current Opinion in Environmental Sustainability, 2011, 3, 281-290.	6.3	224
80	Future scenarios of nitrogen in Europe. , 2011, , 551-569.		9
81	N deposition as a threat to the Worldâ€™s protected areas under the Convention on Biological Diversity. Environmental Pollution, 2011, 159, 2280-2288.	7.5	83
82	The flux and isotopic composition of reduced and total nitrogen in Bermuda rain. Marine Chemistry, 2010, 120, 83-89.	2.3	66
83	Global assessment of nitrogen deposition effects on terrestrial plant diversity: a synthesis. Ecological Applications, 2010, 20, 30-59.	3.8	2,063
84	Global Biodiversity: Indicators of Recent Declines. Science, 2010, 328, 1164-1168.	12.6	3,642
85	Tracking Progress Toward the 2010 Biodiversity Target and Beyond. Science, 2009, 325, 1503-1504.	12.6	194
86	Relationship Between pH and Stream Water Total Mercury Concentrations in Shenandoah National Park. Water, Air, and Soil Pollution, 2009, 201, 233-238.	2.4	0
87	An Earth-system perspective of the global nitrogen cycle. Nature, 2008, 451, 293-296.	27.8	2,602
88	How a century of ammonia synthesis changed the world. Nature Geoscience, 2008, 1, 636-639.	12.9	2,909
89	Ocean urea fertilization for carbon credits poses high ecological risks. Marine Pollution Bulletin, 2008, 56, 1049-1056.	5.0	58
90	Transformation of the Nitrogen Cycle: Recent Trends, Questions, and Potential Solutions. Science, 2008, 320, 889-892.	12.6	5,246

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91	Impacts of Atmospheric Anthropogenic Nitrogen on the Open Ocean. Science, 2008, 320, 893-897.	12.6	964
92	The Environmental Reach of Asia. Annual Review of Environment and Resources, 2008, 33, 461-481.	13.4	24
93	International Trade in Meat: The Tip of the Pork Chop. Ambio, 2007, 36, 622-629.	5.5	161
94	Reduced nitrogen in ecology and the environment. Environmental Pollution, 2007, 150, 140-149.	7.5	414
95	Declines in dissolved silica concentrations in western Virginia streams (1988â€“2003): Gypsy moth defoliation stimulates diatoms?. Journal of Geophysical Research, 2007, 112, .	3.3	17
96	Background, Current status and the African Context of the International Nitrogen Initiative. , 2007, , 115-119.		3
97	Riverine nitrogen export from the continents to the coasts. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	4.9	239
98	Nitrogen and sulfur deposition on regional and global scales: A multimodel evaluation. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	4.9	846
99	AGRICULTURE: Losing the Links Between Livestock and Land. Science, 2005, 310, 1621-1622.	12.6	315
100	Pre-industrial and contemporary fluxes of nitrogen through rivers: a global assessment based on typology. Biogeochemistry, 2004, 68, 71-105.	3.5	245
101	Nitrogen Cycles: Past, Present, and Future. Biogeochemistry, 2004, 70, 153-226.	3.5	4,203
102	Are Brook Trout Streams in Western Virginia and Shenandoah National Park Recovering from Acidification?. Environmental Science & Technology, 2004, 38, 4091-4096.	10.0	29
103	Effects of wet deposition on optical properties of the atmosphere over Bermuda and Barbados. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	5
104	Phase partitioning and dry deposition of atmospheric nitrogen at the mid-Atlantic U.S. coast. Journal of Geophysical Research, 2003, 108, .	3.3	57
105	The Nitrogen Cascade. BioScience, 2003, 53, 341.	4.9	2,278
106	MODELING SOIL ORGANIC CARBON CHANGE IN CROPLANDS OF CHINA. , 2003, 13, 327-336.		122
107	Nitrogen Use in the United States from 1961â€“2000 and Potential Future Trends. Ambio, 2002, 31, 88-96.	5.5	334
108	Marine biogenic and anthropogenic contributions to non-sea-salt sulfate in the marine boundary layer over the North Atlantic Ocean. Journal of Geophysical Research, 2002, 107, AAC 3-1.	3.3	119

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109	Reactive Nitrogen: Too Much of a Good Thing?. Ambio, 2002, 31, 60-63.	5.5	159
110	Reactive Nitrogen. Ambio, 2002, 31, 59-59.	5.5	13
111	Reactive Nitrogen and The World: 200 Years of Change. Ambio, 2002, 31, 64-71.	5.5	1,107
112	Organic nitrogen in precipitation over Eastern North America. Atmospheric Environment, 2002, 36, 4529-4540.	4.1	83
113	Title is missing!. Biogeochemistry, 2001, 53, 269-306.	3.5	197
114	Acidification of the World: Natural and Anthropogenic. Water, Air, and Soil Pollution, 2001, 130, 17-24.	2.4	77
115	Effects of Disturbance on Nitrogen Export from Forested Lands of the Chesapeake Bay Watershed. Environmental Monitoring and Assessment, 2000, 63, 187-197.	2.7	10
116	Nitrogen mobilization in Asia. , 2000, 57, 1-12.		51
117	Organic nitrogen in precipitation at the mid-Atlantic U.S. Coastâ€"methods evaluation and preliminary measurements. Atmospheric Environment, 1998, 32, 1719-1728.	4.1	94
118	Sources of nitrogen in wet deposition to the Chesapeake Bay region. Atmospheric Environment, 1998, 32, 2453-2465.	4.1	210
119	The global nitrogen cycle: changes and consequences. Environmental Pollution, 1998, 102, 15-24.	7.5	357
120	Aerosol pH in the marine boundary layer. Journal of Aerosol Science, 1998, 29, 339-356.	3.8	246
121	Temporal patterns of nitrogen leakage from mid-Appalachian forested watersheds: Role of insect defoliation. Water Resources Research, 1998, 34, 2005-2016.	4.2	131
122	The global nitrogen cycle: changes and consequences. , 1998, , 15-24.		9
123	Peer Reviewed: East Central Europe: An Environment in Transition. Environmental Science & Technology, 1997, 31, 412A-416A.	10.0	19
124	Nitrogen mobilization in the United States of America and the People's Republic of China. Atmospheric Environment, 1996, 30, 1551-1561.	4.1	46
125	Processes controlling the composition of precipitation at a remote southern hemispheric location: Torres del Paine National Park, Chile. Journal of Geophysical Research, 1996, 101, 6883-6897.	3.3	64
126	ANTHROPOGENIC MOBILIZATION OF SULPHUR AND NITROGEN: Immediate and Delayed Consequences. Annual Review of Environment and Resources, 1996, 21, 261-292.	1.2	25

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127	Watershed base-cation cycle dynamics modeled over forest regrowth in a Central Appalachian ecosystem. Water, Air, and Soil Pollution, 1996, 89, 1-22.	2.4	12
128	The ?shenandoah national park: Fish in sensitive habitats? (SNP: FISH) project. An integrated assessment of fish community responses to stream acidification. Water, Air, and Soil Pollution, 1995, 85, 309-314.	2.4	20
129	Change in the acid-base status of an appalachian mountain catchment following forest defoliation by the gypsy moth. Water, Air, and Soil Pollution, 1995, 85, 535-540.	2.4	87
130	Acid deposition: Perspectives in time and space. Water, Air, and Soil Pollution, 1995, 85, 15-24.	2.4	279
131	Carboxylic acids in clouds at a high-elevation forested site in central Virginia. Journal of Geophysical Research, 1995, 100, 9345.	3.3	50
132	Nitrogen fixation: Anthropogenic enhancement-environmental response. Global Biogeochemical Cycles, 1995, 9, 235-252.	4.9	854
133	Volatile inorganic Cl in surface air over eastern North America. Geophysical Research Letters, 1995, 22, 3513-3516.	4.0	29
134	Steep declines in atmospheric base cations in regions of Europe and North America. Nature, 1994, 367, 351-354.	27.8	385
135	Sulfur and reactive nitrogen oxide fluxes in the North Atlantic atmosphere. Global Biogeochemical Cycles, 1994, 8, 481-493.	4.9	21
136	Comment on â€œAqueous phase chemical processes in deliquescent seaâ€salt aerosols: A mechanism that couples the atmospheric cycles of S and sea saltâ€•by W. L. Chameides and A. W. Stelson. Journal of Geophysical Research, 1993, 98, 9047-9049.	3.3	19
137	Measurement technique for inorganic chlorine gases in the marine boundary layer. Environmental Science & Technology, 1993, 27, 866-874.	10.0	97
138	Distribution of Pb between sediments and pore water in Woods Lake, Adirondack State Park, New York, U.S.A.. Applied Geochemistry, 1993, 8, 51-65.	3.0	27
139	The temporal and spatial variability of scavenging ratios for NSS sulfate, nitrate, methanesulfonate and sodium in the Atmosphere over the North Atalantic Ocean. Atmospheric Environment Part A General Topics, 1993, 27, 235-250.	1.3	114
140	Episodic inputs of atmospheric nitrogen to the Sargasso Sea: Contributions to new production and phytoplankton blooms. Global Biogeochemical Cycles, 1993, 7, 339-351.	4.9	99
141	Evidence of inorganic chlorine gases other than hydrogen chloride in marine surface air. Geophysical Research Letters, 1993, 20, 699-702.	4.0	311
142	Air-Sea Exchange of Sulphur and Nitrogen and Their Interaction in the Marine Atmosphere. , 1993, , 259-281.		31
143	Episodic atmospheric nitrogen deposition to oligotrophic oceans. Nature, 1992, 357, 397-399.	27.8	132
144	Water-soluble primary amine compounds in rural continental precipitation. Atmospheric Environment Part A General Topics, 1992, 26, 1005-1018.	1.3	55

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145	Covariations in oceanic dimethyl sulfide, its oxidation products and rain acidity at Amsterdam Island in the Southern Indian Ocean. Journal of Atmospheric Chemistry, 1992, 15, 39-53.	3.2	93
146	Heterogeneous sulfur conversion in sea-salt aerosol particles: the role of aerosol water content and size distribution. Atmospheric Environment Part A General Topics, 1991, 25, 1479-1487.	1.3	130
147	The atmospheric input of trace species to the world ocean. Global Biogeochemical Cycles, 1991, 5, 193-259.	4.9	1,478
148	A comparison of sulfurâ€free and ambient air enclosure techniques for measuring the exchange of reduced sulfur gases between soils and the atmosphere. Journal of Geophysical Research, 1991, 96, 15427-15437.	3.3	63
149	Mountains of Western Virginia. , 1991, , 297-318.		13
150	The geochemical cycling of reactive chlorine through the marine troposphere. Global Biogeochemical Cycles, 1990, 4, 407-430.	4.9	240
151	Overview of the 1988 GCE/CASE/WATOX Studies of biogeochemical cycles in the North Atlantic region. Global Biogeochemical Cycles, 1990, 4, 121-131.	4.9	24
152	A technique using highâ€flow, dichotomous filter packs for measuring major atmospheric chemical constituents. Global Biogeochemical Cycles, 1990, 4, 151-163.	4.9	19
153	Horizontal diffusion and new production in the Sargasso Sea. Global Biogeochemical Cycles, 1990, 4, 253-265.	4.9	5
154	Inorganic nitrogen over the western North Atlantic Ocean. Global Biogeochemical Cycles, 1990, 4, 267-278.	4.9	14
155	Amine nitrogen in the atmospheric environment over the North Atlantic Ocean. Global Biogeochemical Cycles, 1990, 4, 309-333.	4.9	77
156	Sulfur in the western North Atlantic Ocean atmosphere: Results from a summer 1988 ship/aircraft experiment. Global Biogeochemical Cycles, 1990, 4, 349-365.	4.9	20
157	Measurements of dimethyl sulfide oxidation products in the summertime North Atlantic marine boundary layer. Global Biogeochemical Cycles, 1990, 4, 367-379.	4.9	33
158	Sulfur dioxide over the western North Atlantic Ocean during GCE/CASE/WATOX. Global Biogeochemical Cycles, 1990, 4, 381-393.	4.9	26
159	Carbon Dioxide Dynamics in Acid Forest Soils in Shenandoah National Park, Virginia. Soil Science Society of America Journal, 1990, 54, 252-257.	2.2	73
160	The Long-Range Transport of Sulfur and Nitrogen Compounds. , 1990, , 231-257.		5
161	The Intercontinental Transport of Sulfur and Nitrogen. , 1990, , 87-104.		6
162	The relationship between dimethyl sulfide and particulate sulfate in the mid-atlantic ocean atmosphere. Atmospheric Environment, 1989, 23, 139-147.	1.0	32

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163	Acidification of native brook trout streams in Virginia. Water Resources Research, 1989, 25, 1367-1377.	4.2	29
164	Changes in the chemical composition of stream water in two catchments in the Shenandoah National Park, Virginia, in response to atmospheric deposition of sulfur. Water Resources Research, 1989, 25, 2091-2099.	4.2	40
165	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
166	A study of the sulfur cycle in the Antarctic marine boundary layer. Journal of Geophysical Research, 1989, 94, 9818-9830.	3.3	104
167	Standard error calculations for non-seasalt constituents in marine precipitation. Water, Air, and Soil Pollution, 1988, 42, 87.	2.4	19
168	Local influences on the composition of precipitation on Bermuda. Tellus, Series B: Chemical and Physical Meteorology, 1988, 40B, 178-188.	1.6	12
169	The biogeochemical cycling of formic and acetic acids through the troposphere: an overview of current understanding. Tellus, Series B: Chemical and Physical Meteorology, 1988, 40B, 322-334.	1.6	141
170	Quantifying the relationship between atmospheric transport and the chemical composition of precipitation on Bermuda. Tellus, Series B: Chemical and Physical Meteorology, 1988, 40B, 463-479.	1.6	83
171	Eastward sulfur flux from the Northeastern United States. Atmospheric Environment, 1988, 22, 1847-1854.	1.0	11
172	Watox-85: A preface. Atmospheric Environment, 1988, 22, 2343-2344.	1.0	1
173	WATOX-85: An aircraft and ground sampling program to determine the transport of trace gases and aerosols across the Western Atlantic Ocean. Atmospheric Environment, 1988, 22, 2345-2360.	1.0	9
174	Cloudwater chemistry from ten sites in North America. Environmental Science & Technology, 1988, 22, 1018-1026.	10.0	179
175	The biogeochemical cycling of formic and acetic acids through the troposphere: an overview of current understanding. Tellus, Series B: Chemical and Physical Meteorology, 1988, 40, 322-334.	1.6	52
176	Chemical Concentrations in Cloud Water from Four Sites in the Eastern United States. , 1988, , 345-357.		13
177	Quantifying the relationship between atmospheric transport and the chemical composition of precipitation on Bermuda. Tellus, Series B: Chemical and Physical Meteorology, 1988, 40, 463-479.	1.6	64
178	The Western Atlantic Ocean Experiment. ACS Symposium Series, 1987, , 39-55.	0.5	8
179	Watoxâ€86 overview and western North Atlantic Ocean S and N atmospheric budgets. Global Biogeochemical Cycles, 1987, 1, 261-281.	4.9	85
180	Chemistry of precipitation from a remote, terrestrial site in Australia. Journal of Geophysical Research, 1987, 92, 13299-13314.	3.3	143

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181	Processes and Causes of Lake Acidification during Spring Snowmelt in the West-Central Adirondack Mountains, New York. Canadian Journal of Fisheries and Aquatic Sciences, 1987, 44, 1595-1602.	1.4	63
182	Acid Rain: China, United States, and a Remote Area. Science, 1987, 236, 1559-1562.	12.6	193
183	AN examination of SOx, NOx and trace metal washout ratios over the western Atlantic ocean. Atmospheric Environment, 1987, 21, 2623-2628.	1.0	13
184	Bacterial utilization of formic and acetic acid in rainwater. Atmospheric Environment, 1987, 21, 2397-2402.	1.0	108
185	Estimating catchment water quality response to acid deposition using mathematical models of soil ion exchange processes. Geoderma, 1986, 38, 77-95.	5.1	17
186	A regional acidic cloud/fog water event in the eastern United States. Nature, 1986, 319, 657-658.	27.8	101
187	Seaâ€salt corrections and interpretation of constituent ratios in marine precipitation. Journal of Geophysical Research, 1986, 91, 6647-6658.	3.3	671
188	Considerations regarding sources for formic and acetic acids in the troposphere. Journal of Geophysical Research, 1986, 91, 14466-14474.	3.3	202
189	Reply [to â€œComment on â€˜Modeling the Effects of Acid Deposition: Assessment of a Lumped Parameter Model of Soil Water and Stream Water Chemistryâ€™ by B. J. Cosby et al.â€]. Water Resources Research, 1986, 22, 999-1000.	4.2	1
190	Modeling the Effects of Acid Deposition: Control of Longâ€Term Sulfate Dynamics by Soil Sulfate Adsorption. Water Resources Research, 1986, 22, 1283-1291.	4.2	83
191	Modeling the Effects of Acid Deposition: Uncertainty and Spatial Variability in Estimation of Longâ€Term Sulfate Dynamics in a Region. Water Resources Research, 1986, 22, 1293-1302.	4.2	52
192	Significance of atmospheric-derived fixed nitrogen on productivity of the Sargasso Sea. Nature, 1986, 320, 158-160.	27.8	108
193	An analysis of precipitation chemistry data from Alaska. Atmospheric Environment, 1985, 19, 651-657.	1.0	30
194	Comparison of the ARL/ATAD constant level and the NCAR isentropic trajectory analyses for selected case studies. Atmospheric Environment, 1985, 19, 47-63.	1.0	45
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