

Xuejun Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6399564/publications.pdf>

Version: 2024-02-01

201
papers

14,030
citations

34076

52
h-index

22808

112
g-index

206
all docs

206
docs citations

206
times ranked

9578
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying drivers of soil acidification in three Chinese cropping systems. <i>Soil and Tillage Research</i> , 2022, 215, 105230.	2.6	23
2	Evaluating the effects of agricultural inputs on the soil quality of smallholdings using improved indices. <i>Catena</i> , 2022, 209, 105838.	2.2	21
3	Comprehensive quantification of global cropland ammonia emissions and potential abatement. <i>Science of the Total Environment</i> , 2022, 812, 151450.	3.9	18
4	Nitrogen losses from food production in the North China Plain: A case study for Quzhou. <i>Science of the Total Environment</i> , 2022, 816, 151557.	3.9	15
5	Overlooked Nonagricultural and Wintertime Agricultural NH ₃ Emissions in Quzhou County, North China Plain: Evidence from ¹⁵ N-Stable Isotopes. <i>Environmental Science and Technology Letters</i> , 2022, 9, 127-133.	3.9	38
6	PM2.5 and water-soluble inorganic ion concentrations decreased faster in urban than rural areas in China. <i>Journal of Environmental Sciences</i> , 2022, 122, 83-91.	3.2	10
7	Decline in bulk deposition of air pollutants in China lags behind reductions in emissions. <i>Nature Geoscience</i> , 2022, 15, 190-195.	5.4	27
8	Integrating life cycle assessment and a farmer survey of management practices to study environmental impacts of peach production in Beijing, China. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	2.7	1
9	Exploring global changes in agricultural ammonia emissions and their contribution to nitrogen deposition since 1980. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2121998119.	3.3	69
10	A significant diurnal pattern of ammonia dry deposition to a cropland is detected by an open-path quantum cascade laser-based eddy covariance instrument. <i>Atmospheric Environment</i> , 2022, 278, 119070.	1.9	2
11	Spatiotemporal variations of nitrogen and phosphorus deposition across China. <i>Science of the Total Environment</i> , 2022, 830, 154740.	3.9	24
12	A PM2.5 concentration estimation method based on multi-feature combination of image patches. <i>Environmental Research</i> , 2022, 211, 113051.	3.7	6
13	Characterization of atmospheric bulk phosphorus deposition in China. <i>Atmospheric Environment</i> , 2022, 279, 119127.	1.9	8
14	Trends in secondary inorganic aerosol pollution in China and its responses to emission controls of precursors in wintertime. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 6291-6308.	1.9	17
15	Adaptive digital elevation models construction method based on nonparametric regression. <i>Transactions in GIS</i> , 2022, 26, 2263-2282.	1.0	2
16	Mitigation of ammonia volatilization on farm using an N stabilizer – A demonstration in Quzhou, North China Plain. <i>Agriculture, Ecosystems and Environment</i> , 2022, 336, 108011.	2.5	7
17	Unexpected response of nitrogen deposition to nitrogen oxide controls and implications for land carbon sink. <i>Nature Communications</i> , 2022, 13, .	5.8	10
18	Ammonia mitigation potential in an optimized crop-layer production system. <i>Science of the Total Environment</i> , 2022, 841, 156701.	3.9	6

#	ARTICLE	IF	CITATIONS
19	Long-term nitrogen addition consistently decreased litter decomposition rates in an alpine grassland. <i>Plant and Soil</i> , 2022, 479, 495-509.	1.8	6
20	Increasing importance of ammonia emission abatement in PM2.5 pollution control. <i>Science Bulletin</i> , 2022, 67, 1745-1749.	4.3	33
21	Estimation of surface ammonia concentrations and emissions in China from the polar-orbiting Infrared Atmospheric Sounding Interferometer and the FY-4A Geostationary Interferometric Infrared Sounder. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 9099-9110.	1.9	9
22	Are annual nitrous oxide fluxes sensitive to warming and increasing precipitation in the Gurbantunggut Desert?. <i>Land Degradation and Development</i> , 2021, 32, 1213-1223.	1.8	10
23	Atmospheric Ammonia in Beijing during the COVID-19 Outbreak: Concentrations, Sources, and Implications. <i>Environmental Science and Technology Letters</i> , 2021, 8, 32-38.	3.9	31
24	Enhanced nitrous oxide emissions caused by atmospheric nitrogen deposition in agroecosystems over China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 15350-15360.	2.7	3
25	Important contributions of non-fossil fuel nitrogen oxides emissions. <i>Nature Communications</i> , 2021, 12, 243.	5.8	54
26	Impacts of long-term nitrogen addition on nitrous oxide in a temperate grassland. <i>E3S Web of Conferences</i> , 2021, 293, 01001.	0.2	1
27	Effects of reactive nitrogen gases on the aerosol formation in Beijing from late autumn to early spring. <i>Environmental Research Letters</i> , 2021, 16, 025005.	2.2	6
28	Inorganic nitrogen deposition in arid land ecosystems of Central Asia. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31861-31871.	2.7	4
29	Global Wet-Reduced Nitrogen Deposition Derived From Combining Satellite Measurements With Output From a Chemistry Transport Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033977.	1.2	2
30	Soil Nitrous Oxide Emissions by Atmospheric Nitrogen Deposition over Global Agricultural Systems. <i>Environmental Science & Technology</i> , 2021, 55, 4420-4429.	4.6	39
31	Analysis of atmospheric ammonia over South and East Asia based on the MOZART-4 model and its comparison with satellite and surface observations. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6389-6409.	1.9	8
32	Responses and drivers of leaf nutrients and resorption to nitrogen enrichment across northern China's grasslands: A meta-analysis. <i>Catena</i> , 2021, 199, 105110.	2.2	22
33	Soil burial has a greater effect on litter decomposition rate than nitrogen enrichment in alpine grasslands. <i>Journal of Plant Ecology</i> , 2021, 14, 1047-1059.	1.2	9
34	Construction of Stretching-Bending Sequential Pattern to Recognize Work Cycles for Earthmoving Excavator from Long Video Sequences. <i>Sensors</i> , 2021, 21, 3427.	2.1	3
35	The driving effect of nitrogen-related functional microorganisms under water and nitrogen addition on N2O emission in a temperate desert. <i>Science of the Total Environment</i> , 2021, 772, 145470.	3.9	18
36	Field management practices drive ecosystem multifunctionality in a smallholder-dominated agricultural system. <i>Agriculture, Ecosystems and Environment</i> , 2021, 313, 107389.	2.5	34

#	ARTICLE	IF	CITATIONS
37	Evolution of secondary inorganic aerosols amidst improving PM _{2.5} air quality in the North China plain. <i>Environmental Pollution</i> , 2021, 281, 117027.	3.7	13
38	Contrasting effects of nitrogen addition on litter decomposition in forests and grasslands in China. <i>Journal of Arid Land</i> , 2021, 13, 717-729.	0.9	4
39	Winter air quality improvement in Beijing by clean air actions from 2014 to 2018. <i>Atmospheric Research</i> , 2021, 259, 105674.	1.8	16
40	Monitoring the Work Cycles of Earthmoving Excavators in Earthmoving Projects Using UAV Remote Sensing. <i>Remote Sensing</i> , 2021, 13, 3853.	1.8	7
41	Improved soil-crop system management aids in NH ₃ emission mitigation in China. <i>Environmental Pollution</i> , 2021, 289, 117844.	3.7	34
42	Nitrogen emission and deposition budget in an agricultural catchment in subtropical central China. <i>Environmental Pollution</i> , 2021, 289, 117870.	3.7	10
43	Decoupling of nitrogen and phosphorus in dominant grass species in response to long-term nitrogen addition in an Alpine Grassland in Central Asia. <i>Plant Ecology</i> , 2021, 222, 261-274.	0.7	15
44	Changes in precipitation and atmospheric N deposition affect the correlation between N, P and K but not the coupling of water-element in <i>Haloxylon ammodendron</i> . <i>PLoS ONE</i> , 2021, 16, e0258927.	1.1	0
45	Interannual variation of reactive nitrogen emissions and their impacts on PM _{2.5} air pollution in China during 2005–2015. <i>Environmental Research Letters</i> , 2021, 16, 125004.	2.2	16
46	Cd and Zn Concentrations in Soil and Silage Maize following the Addition of P Fertilizer. <i>Agronomy</i> , 2021, 11, 2336.	1.3	3
47	Persistent Nonagricultural and Periodic Agricultural Emissions Dominate Sources of Ammonia in Urban Beijing: Evidence from ¹⁵ N Stable Isotope in Vertical Profiles. <i>Environmental Science & Technology</i> , 2020, 54, 102-109.	4.6	42
48	Cropland acidification increases risk of yield losses and food insecurity in China. <i>Environmental Pollution</i> , 2020, 256, 113145.	3.7	62
49	Long-Term Increasing Productivity of High-Elevation Grassland Caused by Elevated Precipitation and Temperature. <i>Rangeland Ecology and Management</i> , 2020, 73, 156-161.	1.1	11
50	Effect of combining urea fertilizer with P and K fertilizers on the efficacy of urease inhibitors under different storage conditions. <i>Journal of Soils and Sediments</i> , 2020, 20, 2130-2140.	1.5	15
51	Precipitation chemistry and atmospheric nitrogen deposition at a rural site in Beijing, China. <i>Atmospheric Environment</i> , 2020, 223, 117253.	1.9	38
52	Effect of N stabilizers on fertilizer-N fate in the soil-crop system: A meta-analysis. <i>Agriculture, Ecosystems and Environment</i> , 2020, 290, 106763.	2.5	56
53	SVM+KF Target Tracking Strategy Using the Signal Strength in Wireless Sensor Networks. <i>Sensors</i> , 2020, 20, 3832.	2.1	12
54	Reviewing global estimates of surface reactive nitrogen concentration and deposition using satellite retrievals. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8641-8658.	1.9	16

#	ARTICLE	IF	CITATIONS
55	Revisiting the Concentration Observations and Source Apportionment of Atmospheric Ammonia. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 933-938.	1.9	36
56	Changes of nitrogen deposition in China from 1980 to 2018. <i>Environment International</i> , 2020, 144, 106022.	4.8	169
57	A chronology of global air quality. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190314.	1.6	87
58	Chronic nitrogen addition differentially affects gross nitrogen transformations in alpine and temperate grassland soils. <i>Soil Biology and Biochemistry</i> , 2020, 149, 107962.	4.2	29
59	Atmospheric Nitrogen Deposition to a Southeast Tibetan Forest Ecosystem. <i>Atmosphere</i> , 2020, 11, 1331.	1.0	2
60	Soil organic carbon turnover recovers faster than plant diversity in the grassland when high nitrogen addition is ceased: Derived from soil 14C evidences. <i>Global Ecology and Conservation</i> , 2020, 24, e01229.	1.0	0
61	Enhanced atmospheric nitrogen deposition at a rural site in northwest China from 2011 to 2018. <i>Atmospheric Research</i> , 2020, 245, 105071.	1.8	9
62	Ammonia volatilization as the major nitrogen loss pathway in dryland agro-ecosystems. <i>Environmental Pollution</i> , 2020, 265, 114862.	3.7	43
63	Systematic low bias of passive samplers in characterizing nitrogen isotopic composition of atmospheric ammonia. <i>Atmospheric Research</i> , 2020, 243, 105018.	1.8	40
64	Impacts of nitrogen fertilizer type and application rate on soil acidification rate under a wheat-maize double cropping system. <i>Journal of Environmental Management</i> , 2020, 270, 110888.	3.8	71
65	Global estimates of dry ammonia deposition inferred from space-measurements. <i>Science of the Total Environment</i> , 2020, 730, 139189.	3.9	11
66	Puzzling Haze Events in China During the Coronavirus (COVID-19) Shutdown. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088533.	1.5	165
67	Nitrogen stabilizers mitigate reactive N and greenhouse gas emissions from an arable soil in North China Plain: Field and laboratory investigation. <i>Journal of Cleaner Production</i> , 2020, 258, 121025.	4.6	33
68	Ammonia should be considered in field experiments mimicking nitrogen deposition. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 248-251.	0.5	9
69	Challenges for Global Sustainable Nitrogen Management in Agricultural Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3354-3361.	2.4	46
70	Atmospheric reactive nitrogen concentration and deposition trends from 2011 to 2018 at an urban site in north China. <i>Atmospheric Environment</i> , 2020, 224, 117298.	1.9	9
71	Microbes changed their carbon use strategy to regulate the priming effect in an 11-year nitrogen addition experiment in grassland. <i>Science of the Total Environment</i> , 2020, 727, 138645.	3.9	29
72	An Overview of Atmospheric Reactive Nitrogen in China from a Global Perspective. , 2020, , 1-10.		3

#	ARTICLE	IF	CITATIONS
73	A green eco-environment for sustainable development: framework and action. <i>Frontiers of Agricultural Science and Engineering</i> , 2020, 7, 67.	0.9	13
74	Model Inter-Comparison Study for Asia (MICS-Asia) phase III: multimodel comparison of reactive nitrogen deposition over China. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 10587-10610.	1.9	23
75	Monitoring Atmospheric Nitrogen Deposition in China. , 2020, , 41-65.		2
76	Impacts of Nitrogen Deposition on China's Grassland Ecosystems. , 2020, , 215-243.		0
77	Quantification of the contribution of nitrogen fertilization and crop harvesting to soil acidification in a wheat-maize double cropping system. <i>Plant and Soil</i> , 2019, 434, 167-184.	1.8	58
78	A database of atmospheric nitrogen concentration and deposition from the nationwide monitoring network in China. <i>Scientific Data</i> , 2019, 6, 51.	2.4	50
79	Chemical compositions of fog and precipitation at Sejila Mountain in the southeast Tibetan Plateau, China. <i>Environmental Pollution</i> , 2019, 253, 560-568.	3.7	31
80	Atmospheric dry and bulk nitrogen deposition to forest environment in the North China Plain. <i>Atmospheric Pollution Research</i> , 2019, 10, 1636-1642.	1.8	11
81	Long-term effects of N deposition on N ₂ O emission in an alpine grassland of Central Asia. <i>Catena</i> , 2019, 182, 104100.	2.2	29
82	Increasing the agricultural, environmental and economic benefits of farming based on suitable crop rotations and optimum fertilizer applications. <i>Field Crops Research</i> , 2019, 240, 78-85.	2.3	21
83	Impact of 13-years of nitrogen addition on nitrous oxide and methane fluxes and ecosystem respiration in a temperate grassland. <i>Environmental Pollution</i> , 2019, 252, 675-681.	3.7	31
84	Stabilization of atmospheric nitrogen deposition in China over the past decade. <i>Nature Geoscience</i> , 2019, 12, 424-429.	5.4	490
85	The Growth and N Retention of Two Annual Desert Plants Varied Under Different Nitrogen Deposition Rates. <i>Frontiers in Plant Science</i> , 2019, 10, 356.	1.7	4
86	Impact of emission controls on air quality in Beijing during APEC 2014: Implications from water-soluble ions and carbonaceous aerosol in PM _{2.5} and their precursors. <i>Atmospheric Environment</i> , 2019, 210, 241-252.	1.9	56
87	Characteristics of Atmospheric Reactive Nitrogen Deposition in Nyingchi City. <i>Scientific Reports</i> , 2019, 9, 4645.	1.6	20
88	Atmospheric nitrogen deposition around the Dongting Lake, China. <i>Atmospheric Environment</i> , 2019, 207, 197-204.	1.9	14
89	Salinity Is a Key Determinant for Soil Microbial Communities in a Desert Ecosystem. <i>MSystems</i> , 2019, 4, .	1.7	238
90	Integration of Multi-Camera Video Moving Objects and GIS. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 561.	1.4	15

#	ARTICLE	IF	CITATIONS
91	Comparison of nitrogen deposition across different land use types in agro-pastoral catchments of western China and Mongolia. <i>Atmospheric Environment</i> , 2019, 199, 313-322.	1.9	8
92	Yield and the 15 N Fate in Rice/Maize Season in the Yangtze River Basin. <i>Agronomy Journal</i> , 2019, 111, 517-527.	0.9	3
93	Fluxes of N ₂ O, CH ₄ and soil respiration as affected by water and nitrogen addition in a temperate desert. <i>Geoderma</i> , 2019, 337, 770-772.	2.3	19
94	Response of ammonia volatilization to biochar addition: A meta-analysis. <i>Science of the Total Environment</i> , 2019, 655, 1387-1396.	3.9	112
95	Cadmium pollution from phosphate fertilizers in arable soils and crops: an overview. <i>Frontiers of Agricultural Science and Engineering</i> , 2019, 6, 419.	0.9	36
96	Imbalanced nitrogen and phosphorus deposition in the urban and forest environments in southeast Tibet. <i>Atmospheric Pollution Research</i> , 2018, 9, 774-782.	1.8	19
97	Responses of soil organic carbon turnover to nitrogen deposition are associated with nitrogen input rates: Derived from soil 14C evidences. <i>Environmental Pollution</i> , 2018, 238, 500-507.	3.7	10
98	Agricultural ammonia emissions in China: reconciling bottom-up and top-down estimates. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 339-355.	1.9	220
99	Ambient concentrations and deposition rates of selected reactive nitrogen species and their contribution to PM _{2.5} aerosols at three locations with contrasting land use in southwest China. <i>Environmental Pollution</i> , 2018, 233, 1164-1176.	3.7	14
100	Enhanced acidification in Chinese croplands as derived from element budgets in the period 1980-2010. <i>Science of the Total Environment</i> , 2018, 618, 1497-1505.	3.9	82
101	Enhanced efficiency fertilizers are not a panacea for resolving the nitrogen problem. <i>Global Change Biology</i> , 2018, 24, e511-e521.	4.2	200
102	Modeling soil acidification in typical Chinese cropping systems. <i>Science of the Total Environment</i> , 2018, 613-614, 1339-1348.	3.9	86
103	Atmospheric nitrogen deposition in the Yangtze River basin: Spatial pattern and source attribution. <i>Environmental Pollution</i> , 2018, 232, 546-555.	3.7	79
104	Cumulative and partially recoverable impacts of nitrogen addition on a temperate steppe. <i>Ecological Applications</i> , 2018, 28, 237-248.	1.8	23
105	MCR-Modified CA-Markov Model for the Simulation of Urban Expansion. <i>Sustainability</i> , 2018, 10, 3116.	1.6	23
106	A multi-objective scheduling optimization algorithm of a camera network for directional road network coverage. <i>PLoS ONE</i> , 2018, 13, e0206038.	1.1	1
107	The vertical variability of ammonia in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16385-16398.	1.9	42
108	New high-fidelity terrain modeling method constrained by terrain semantics. <i>PLoS ONE</i> , 2018, 13, e0198530.	1.1	0

#	ARTICLE	IF	CITATIONS
109	Rapid SO ₂ and PM _{2.5} emission reductions significantly increase tropospheric ammonia concentrations over the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17933-17943.	1.9	121
110	Spatial-temporal patterns of inorganic nitrogen air concentrations and deposition in eastern China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10931-10954.	1.9	65
111	Impact of elevated precipitation, nitrogen deposition and warming on soil respiration in a temperate desert. <i>Biogeosciences</i> , 2018, 15, 2007-2019.	1.3	25
112	Letter to the editor: Critical assessments of the current state of scientific knowledge, terminology, and research needs concerning the ecological effects of elevated atmospheric nitrogen deposition in China. <i>Atmospheric Environment</i> , 2017, 153, 109-116.	1.9	3
113	Atmospheric nitrogen deposition to China: A model analysis on nitrogen budget and critical load exceedance. <i>Atmospheric Environment</i> , 2017, 153, 32-40.	1.9	152
114	Atmospheric Nitrogen Emission, Deposition, and Air Quality Impacts in China: an Overview. <i>Current Pollution Reports</i> , 2017, 3, 65-77.	3.1	61
115	Dry Particulate Nitrate Deposition in China. <i>Environmental Science & Technology</i> , 2017, 51, 5572-5581.	4.6	24
116	Bulk deposition of organic and inorganic nitrogen in southwest China from 2008 to 2013. <i>Environmental Pollution</i> , 2017, 227, 157-166.	3.7	63
117	Source apportionment of fine particulate matter in China in 2013 using a source-oriented chemical transport model. <i>Science of the Total Environment</i> , 2017, 601-602, 1476-1487.	3.9	86
118	Evidence for the Importance of Atmospheric Nitrogen Deposition to Eutrophic Lake Dianchi, China. <i>Environmental Science & Technology</i> , 2017, 51, 6699-6708.	4.6	80
119	Impacts of water and nitrogen addition on nitrogen recovery in Haloxylon ammodendron dominated desert ecosystems. <i>Science of the Total Environment</i> , 2017, 601-602, 1280-1288.	3.9	28
120	A new urease-inhibiting formulation decreases ammonia volatilization and improves maize nitrogen utilization in North China Plain. <i>Scientific Reports</i> , 2017, 7, 43853.	1.6	45
121	Model-Based Analysis of the Long-Term Effects of Fertilization Management on Cropland Soil Acidification. <i>Environmental Science & Technology</i> , 2017, 51, 3843-3851.	4.6	115
122	Nitrous oxide and methane emissions from paddy soils in southwest China. <i>Geoderma Regional</i> , 2017, 8, 1-11.	0.9	13
123	Ammonia Emissions May Be Substantially Underestimated in China. <i>Environmental Science & Technology</i> , 2017, 51, 12089-12096.	4.6	160
124	Atmospheric deposition of inorganic nitrogen in a semi-arid grassland of Inner Mongolia, China. <i>Journal of Arid Land</i> , 2017, 9, 810-822.	0.9	19
125	Crop yields and soil organic carbon dynamics in a long-term fertilization experiment in an extremely arid region of northern Xinjiang, China. <i>Journal of Arid Land</i> , 2017, 9, 345-354.	0.9	6
126	Air quality improvement in a megacity: implications from 2015 Beijing Blue pollution control actions. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 31-46.	1.9	91

#	ARTICLE	IF	CITATIONS
127	Temporal characteristics of atmospheric ammonia and nitrogen dioxide over China based on emission data, satellite observations and atmospheric transport modeling since 1980. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 9365-9378.	1.9	54
128	Ground Ammonia Concentrations over China Derived from Satellite and Atmospheric Transport Modeling. <i>Remote Sensing</i> , 2017, 9, 467.	1.8	30
129	Integration of GIS and Moving Objects in Surveillance Video. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 94.	1.4	18
130	Camera Coverage Estimation Based on Multistage Grid Subdivision. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 110.	1.4	9
131	Analysis of Burglary Hot Spots and Near-Repeat Victimization in a Large Chinese City. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 148.	1.4	24
132	Surveillance Video Synopsis in GIS. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 333.	1.4	8
133	Evaluating medical convenience in ethnic minority areas of Southwest China via road network vulnerability: a case study for Dehong autonomous prefecture. <i>International Journal for Equity in Health</i> , 2017, 16, 206.	1.5	3
134	Chemical Characteristics of PM _{2.5} during 2015 Spring Festival in Beijing, China. <i>Aerosol and Air Quality Research</i> , 2017, 17, 1169-1180.	0.9	31
135	Highly Arid Oasis Yield, Soil Mineral N Accumulation and N Balance in a Wheat-Cotton Rotation with Drip Irrigation and Mulching Film Management. <i>PLoS ONE</i> , 2016, 11, e0165404.	1.1	5
136	High nitrogen deposition in an agricultural ecosystem of Shaanxi, China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13210-13221.	2.7	20
137	Wet and dry nitrogen deposition in the central Sichuan Basin of China. <i>Atmospheric Environment</i> , 2016, 143, 39-50.	1.9	56
138	A five-year study of the impact of nitrogen addition on methane uptake in alpine grassland. <i>Scientific Reports</i> , 2016, 6, 32064.	1.6	33
139	Source apportionment of atmospheric ammonia before, during, and after the 2014 APEC summit in Beijing using stable nitrogen isotope signatures. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11635-11647.	1.9	116
140	High-resolution ammonia emissions inventories in China from 1980 to 2012. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 2043-2058.	1.9	281
141	Imbalanced phosphorus and nitrogen deposition in China's forests. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8571-8579.	1.9	98
142	Concentrations and isotopic characteristics of atmospheric reactive nitrogen around typical sources in Beijing, China. <i>Journal of Arid Land</i> , 2016, 8, 910-920.	0.9	10
143	Reduced nitrogen dominated nitrogen deposition in the United States, but its contribution to nitrogen deposition in China decreased. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3590-1.	3.3	27
144	The contribution of atmospheric deposition and forest harvesting to forest soil acidification in China since 1980. <i>Atmospheric Environment</i> , 2016, 146, 215-222.	1.9	67

#	ARTICLE	IF	CITATIONS
145	Parallel viewshed analysis on a PC cluster system using triple-based irregular partition scheme. <i>Earth Science Informatics</i> , 2016, 9, 511-523.	1.6	14
146	Evidence for a Historic Change Occurring in China. <i>Environmental Science & Technology</i> , 2016, 50, 505-506.	4.6	105
147	Characteristics of ammonia, acid gases, and PM2.5 for three typical land-use types in the North China Plain. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1158-1172.	2.7	81
148	Nitrogen fertilization directly affects soil bacterial diversity and indirectly affects bacterial community composition. <i>Soil Biology and Biochemistry</i> , 2016, 92, 41-49.	4.2	484
149	Effect of a new urease inhibitor on ammonia volatilization and nitrogen utilization in wheat in north and northwest China. <i>Field Crops Research</i> , 2015, 175, 96-105.	2.3	89
150	Liu et al. suspect that Zhu et al. (2015) may have underestimated dissolved organic nitrogen (N) but overestimated total particulate N in wet deposition in China. <i>Science of the Total Environment</i> , 2015, 520, 300-301.	3.9	29
151	A Multiyear Assessment of Air Quality Benefits from China's Emerging Shale Gas Revolution: Urumqi as a Case Study. <i>Environmental Science & Technology</i> , 2015, 49, 2066-2072.	4.6	36
152	Long-term changes in soil pH across major forest ecosystems in China. <i>Geophysical Research Letters</i> , 2015, 42, 933-940.	1.5	60
153	Response of alpine grassland to elevated nitrogen deposition and water supply in China. <i>Oecologia</i> , 2015, 177, 65-72.	0.9	43
154	Contribution of atmospheric nitrogen deposition to diffuse pollution in a typical hilly red soil catchment in southern China. <i>Journal of Environmental Sciences</i> , 2014, 26, 1797-1805.	3.2	14
155	Atmospheric NH ₃ dynamics at a typical pig farm in China and their implications. <i>Atmospheric Pollution Research</i> , 2014, 5, 455-463.	1.8	27
156	Greenhouse gas intensity and net annual global warming potential of cotton cropping systems in an extremely arid region. <i>Nutrient Cycling in Agroecosystems</i> , 2014, 98, 15-26.	1.1	20
157	Fluxes of methane, carbon dioxide and nitrous oxide in an alpine wetland and an alpine grassland of the Tianshan Mountains, China. <i>Journal of Arid Land</i> , 2014, 6, 717-724.	0.9	26
158	High Rates of Wet Nitrogen Deposition in China: A Synthesis. , 2014, , 49-56.		9
159	Leaching of veterinary antibiotics in calcareous Chinese croplands. <i>Chemosphere</i> , 2013, 91, 928-934.	4.2	53
160	Video surveillance GIS: A novel application. , 2013, , .		4
161	Atmospheric dry and wet nitrogen deposition on three contrasting land use types of an agricultural catchment in subtropical central China. <i>Atmospheric Environment</i> , 2013, 67, 415-424.	1.9	92
162	Enhanced nitrogen deposition over China. <i>Nature</i> , 2013, 494, 459-462.	13.7	2,009

#	ARTICLE	IF	CITATIONS
163	Atmospheric Nitrogen Deposition at Two Sites in an Arid Environment of Central Asia. PLoS ONE, 2013, 8, e67018.	1.1	26
164	Research on Data Parallel and Scheduling Mechanism Based on Petri Nets. , 2012, , .		0
165	Dry and Wet Deposition of Inorganic Nitrogen at Urban and Rural Sites in a Semi-arid Environment. , 2012, , .		1
166	Stemming PM _{2.5} Pollution in China: Re-evaluating the Role of Ammonia, Aviation and Non-exhaust Road Traffic Emissions. Environmental Science & Technology, 2012, 46, 13035-13036.	4.6	18
167	Real-Time Monitoring for Crowd Counting Using Video Surveillance and GIS. , 2012, , .		10
168	Integrated Nutrient Management for Food Security and Environmental Quality in China. Advances in Agronomy, 2012, , 1-40.	2.4	253
169	Responses of CH ₄ , CO ₂ and N ₂ O fluxes to increasing nitrogen deposition in alpine grassland of the Tianshan Mountains. Chemosphere, 2012, 88, 140-143.	4.2	69
170	No significant nitrous oxide emissions during spring thaw under grazing and nitrogen addition in an alpine grassland. Global Change Biology, 2012, 18, 2546-2554.	4.2	59
171	Impact of nitrogen addition on plant community in a semi-arid temperate steppe in China. Journal of Arid Land, 2012, 4, 3-10.	0.9	41
172	Impacts of Pollution Controls on Air Quality in Beijing during the 2008 Olympic Games. Journal of Environmental Quality, 2011, 40, 37-45.	1.0	39
173	Nitrogen deposition and its ecological impact in China: An overview. Environmental Pollution, 2011, 159, 2251-2264.	3.7	652
174	Atmospheric ammonia and particulate ammonium from agricultural sources in the North China Plain. Atmospheric Environment, 2011, 45, 5033-5041.	1.9	84
175	Total nitrogen deposition at key growing stages of maize and wheat as affected by pot surface area and crop variety. Plant and Soil, 2011, 339, 137-145.	1.8	6
176	Analysis and experimentation of key technologies in service-oriented optical internet. Science China Information Sciences, 2011, 54, 215-226.	2.7	13
177	Plane geometric information extraction from single image based on cross ratio. , 2010, , .		1
178	The Research of 3D GIS Section for the True Three-Dimensional Geo-Spatial Model. , 2010, , .		0
179	Nitrogen deposition and its contribution to nutrient inputs to intensively managed agricultural ecosystems. Ecological Applications, 2010, 20, 80-90.	1.8	50
180	Nutrient from Environment and Its Effect in Nutrient Resources Management of Ecosystems – A Case Study on Atmospheric Nitrogen Deposition. Arid Zone Research, 2010, 26, 306-311.	0.1	11

#	ARTICLE	IF	CITATIONS
181	Reducing environmental risk by improving N management in intensive Chinese agricultural systems. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3041-3046.	3.3	2,071
182	Triangular Transplanting Pattern and Split Nitrogen Fertilizer Application Increase Rice Yield and Nitrogen Fertilizer Recovery. Agronomy Journal, 2009, 101, 1421-1425.	0.9	54
183	Research on the slope spectrum of the Loess Plateau. Science in China Series D: Earth Sciences, 2008, 51, 175-185.	0.9	54
184	Evidence for organic N deposition and its anthropogenic sources in China. Atmospheric Environment, 2008, 42, 1035-1041.	1.9	160
185	Influence of Unflooded Mulching Cultivation on Nitrogen Uptake and Utilization of Fertilizer Nitrogen by Rice. Communications in Soil Science and Plant Analysis, 2008, 39, 1056-1066.	0.6	2
186	Quantifying the total airborne nitrogen input into agroecosystems in the North China Plain. Agriculture, Ecosystems and Environment, 2007, 121, 395-400.	2.5	117
187	Nitrogen input, ¹⁵ N balance and mineral N dynamics in a rice-wheat rotation in southwest China. Nutrient Cycling in Agroecosystems, 2007, 79, 255-265.	1.1	54
188	Terrain complexity and uncertainties in grid-based digital terrain analysis. International Journal of Geographical Information Science, 2006, 20, 1137-1147.	2.2	32
189	Effect of Long-Term Fertilization on Organic Nitrogen Forms in a Calcareous Alluvial Soil on the North China Plain. Pedosphere, 2006, 16, 224-229.	2.1	21
190	Spatial and temporal variation of atmospheric nitrogen deposition in the North China Plain. Acta Ecologica Sinica, 2006, 26, 1633-1638.	0.9	50
191	Nitrogen deposition in agroecosystems in the Beijing area. Agriculture, Ecosystems and Environment, 2006, 113, 370-377.	2.5	144
192	The Impact of Nitrogen Placement and Tillage on NO, N ₂ O, CH ₄ and CO ₂ Fluxes from a Clay Loam Soil. Plant and Soil, 2006, 280, 177-188.	1.8	151
193	Crop production, nitrogen recovery and water use efficiency in rice-wheat rotation as affected by non-flooded mulching cultivation (NFMC). Nutrient Cycling in Agroecosystems, 2005, 71, 289-299.	1.1	65
194	Crop Yields, Internal Nutrient Efficiency, and Changes in Soil Properties in Rice-Wheat Rotations Under Non-Flooded Mulching Cultivation. Plant and Soil, 2005, 277, 265-276.	1.8	54
195	Nitrogen Fertilization, Soil Nitrate Accumulation, and Policy Recommendations in Several Agricultural Regions of China. Ambio, 2004, 33, 300-305.	2.8	237
196	NO and N ₂ O fluxes from agricultural soils in Beijing area*. Progress in Natural Science: Materials International, 2004, 14, 489-494.	1.8	10
197	Nitrogen Recommendation for Winter Wheat Using NminTest and Rapid Plant Tests in North China Plain. Communications in Soil Science and Plant Analysis, 2003, 34, 2539-2551.	0.6	22
198	Nitrogen dynamics and budgets in a winter wheat-maize cropping system in the North China Plain. Field Crops Research, 2003, 83, 111-124.	2.3	302

#	ARTICLE	IF	CITATIONS
199	Multi-camera video synopsis of a geographic scene based on optimal virtual viewpoint. Transactions in GIS, 0, , .	1.0	4
200	Representing dynamic lanes in road network models. International Journal of Geographical Information Science, 0, , 1-17.	2.2	1
201	Developing Nitrogen Isotopic Source Profiles of Atmospheric Ammonia for Source Apportionment of Ammonia in Urban Beijing. Frontiers in Environmental Science, 0, 10, .	1.5	2