

Xuejun Liu

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

14,030
citations

34105

52
h-index

22832

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.	5.6	23
2	Evaluating the effects of agricultural inputs on the soil quality of smallholdings using improved indices. <i>Catena</i> , 2022, 209, 105838.	5.0	21
3	Comprehensive quantification of global cropland ammonia emissions and potential abatement. <i>Science of the Total Environment</i> , 2022, 812, 151450.	8.0	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.	8.0	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.	8.7	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.	6.1	10
7	Decline in bulk deposition of air pollutants in China lags behind reductions in emissions. <i>Nature Geoscience</i> , 2022, 15, 190-195.	12.9	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.	5.3	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.	7.1	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.	4.1	2
11	Spatiotemporal variations of nitrogen and phosphorus deposition across China. <i>Science of the Total Environment</i> , 2022, 830, 154740.	8.0	24
12	A PM2.5 concentration estimation method based on multi-feature combination of image patches. <i>Environmental Research</i> , 2022, 211, 113051.	7.5	6
13	Characterization of atmospheric bulk phosphorus deposition in China. <i>Atmospheric Environment</i> , 2022, 279, 119127.	4.1	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.	4.9	17
15	Adaptive digital elevation models construction method based on nonparametric regression. <i>Transactions in GIS</i> , 2022, 26, 2263-2282.	2.3	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.	5.3	7
17	Unexpected response of nitrogen deposition to nitrogen oxide controls and implications for land carbon sink. <i>Nature Communications</i> , 2022, 13, .	12.8	10
18	Ammonia mitigation potential in an optimized crop-layer production system. <i>Science of the Total Environment</i> , 2022, 841, 156701.	8.0	6

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19	Long-term nitrogen addition consistently decreased litter decomposition rates in an alpine grassland. <i>Plant and Soil</i> , 2022, 479, 495-509.	3.7	6
20	Increasing importance of ammonia emission abatement in PM2.5 pollution control. <i>Science Bulletin</i> , 2022, 67, 1745-1749.	9.0	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.	4.9	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.	3.9	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.	8.7	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.	5.3	3
25	Important contributions of non-fossil fuel nitrogen oxides emissions. <i>Nature Communications</i> , 2021, 12, 243.	12.8	54
26	Impacts of long-term nitrogen addition on nitrous oxide in a temperate grassland. <i>E3S Web of Conferences</i> , 2021, 293, 01001.	0.5	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.	5.2	6
28	Inorganic nitrogen deposition in arid land ecosystems of Central Asia. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31861-31871.	5.3	4
29	Global Wetâ€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.	3.3	2
30	Soil Nitrous Oxide Emissions by Atmospheric Nitrogen Deposition over Global Agricultural Systems. <i>Environmental Science & Technology</i> , 2021, 55, 4420-4429.	10.0	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.	4.9	8
32	Responses and drivers of leaf nutrients and resorption to nitrogen enrichment across northern Chinaâ€™s grasslands: A meta-analysis. <i>Catena</i> , 2021, 199, 105110.	5.0	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.	2.3	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.	3.8	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.	8.0	18
36	Field management practices drive ecosystem multifunctionality in a smallholder-dominated agricultural system. <i>Agriculture, Ecosystems and Environment</i> , 2021, 313, 107389.	5.3	34

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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.	7.5	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.	2.3	4
39	Winter air quality improvement in Beijing by clean air actions from 2014 to 2018. <i>Atmospheric Research</i> , 2021, 259, 105674.	4.1	16
40	Monitoring the Work Cycles of Earthmoving Excavators in Earthmoving Projects Using UAV Remote Sensing. <i>Remote Sensing</i> , 2021, 13, 3853.	4.0	7
41	Improved soil-crop system management aids in NH ₃ emission mitigation in China. <i>Environmental Pollution</i> , 2021, 289, 117844.	7.5	34
42	Nitrogen emission and deposition budget in an agricultural catchment in subtropical central China. <i>Environmental Pollution</i> , 2021, 289, 117870.	7.5	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.	1.6	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.	2.5	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.	5.2	16
46	Cd and Zn Concentrations in Soil and Silage Maize following the Addition of P Fertilizer. <i>Agronomy</i> , 2021, 11, 2336.	3.0	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.	10.0	42
48	Cropland acidification increases risk of yield losses and food insecurity in China. <i>Environmental Pollution</i> , 2020, 256, 113145.	7.5	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.	2.3	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.	3.0	15
51	Precipitation chemistry and atmospheric nitrogen deposition at a rural site in Beijing, China. <i>Atmospheric Environment</i> , 2020, 223, 117253.	4.1	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.	5.3	56
53	SVM+KF Target Tracking Strategy Using the Signal Strength in Wireless Sensor Networks. <i>Sensors</i> , 2020, 20, 3832.	3.8	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.	4.9	16

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55	Revisiting the Concentration Observations and Source Apportionment of Atmospheric Ammonia. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 933-938.	4.3	36
56	Changes of nitrogen deposition in China from 1980 to 2018. <i>Environment International</i> , 2020, 144, 106022.	10.0	169
57	A chronology of global air quality. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190314.	3.4	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.	8.8	29
59	Atmospheric Nitrogen Deposition to a Southeast Tibetan Forest Ecosystem. <i>Atmosphere</i> , 2020, 11, 1331.	2.3	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.	2.1	0
61	Enhanced atmospheric nitrogen deposition at a rural site in northwest China from 2011 to 2018. <i>Atmospheric Research</i> , 2020, 245, 105071.	4.1	9
62	Ammonia volatilization as the major nitrogen loss pathway in dryland agro-ecosystems. <i>Environmental Pollution</i> , 2020, 265, 114862.	7.5	43
63	Systematic low bias of passive samplers in characterizing nitrogen isotopic composition of atmospheric ammonia. <i>Atmospheric Research</i> , 2020, 243, 105018.	4.1	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.	7.8	71
65	Global estimates of dry ammonia deposition inferred from space-measurements. <i>Science of the Total Environment</i> , 2020, 730, 139189.	8.0	11
66	Puzzling Haze Events in China During the Coronavirus (COVID-19) Shutdown. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088533.	4.0	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.	9.3	33
68	Ammonia should be considered in field experiments mimicking nitrogen deposition. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 248-251.	1.3	9
69	Challenges for Global Sustainable Nitrogen Management in Agricultural Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3354-3361.	5.2	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.	4.1	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.	8.0	29
72	An Overview of Atmospheric Reactive Nitrogen in China from a Global Perspective. , 2020, , 1-10.		3

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73	A green eco-environment for sustainable development: framework and action. <i>Frontiers of Agricultural Science and Engineering</i> , 2020, 7, 67.	1.4	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.	4.9	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.	3.7	58
78	A database of atmospheric nitrogen concentration and deposition from the nationwide monitoring network in China. <i>Scientific Data</i> , 2019, 6, 51.	5.3	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.	7.5	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.	3.8	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.	5.0	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.	5.1	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.	7.5	31
84	Stabilization of atmospheric nitrogen deposition in China over the past decade. <i>Nature Geoscience</i> , 2019, 12, 424-429.	12.9	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.	3.6	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.	4.1	56
87	Characteristics of Atmospheric Reactive Nitrogen Deposition in Nyingchi City. <i>Scientific Reports</i> , 2019, 9, 4645.	3.3	20
88	Atmospheric nitrogen deposition around the Dongting Lake, China. <i>Atmospheric Environment</i> , 2019, 207, 197-204.	4.1	14
89	Salinity Is a Key Determinant for Soil Microbial Communities in a Desert Ecosystem. <i>MSystems</i> , 2019, 4, .	3.8	238
90	Integration of Multi-Camera Video Moving Objects and GIS. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 561.	2.9	15

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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.	4.1	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.	1.8	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.	5.1	19
94	Response of ammonia volatilization to biochar addition: A meta-analysis. <i>Science of the Total Environment</i> , 2019, 655, 1387-1396.	8.0	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.	1.4	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.	3.8	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.	7.5	10
98	Agricultural ammonia emissions in China: reconciling bottom-up and top-down estimates. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 339-355.	4.9	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.	7.5	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.	8.0	82
101	Enhanced efficiency fertilizers are not a panacea for resolving the nitrogen problem. <i>Global Change Biology</i> , 2018, 24, e511-e521.	9.5	200
102	Modeling soil acidification in typical Chinese cropping systems. <i>Science of the Total Environment</i> , 2018, 613-614, 1339-1348.	8.0	86
103	Atmospheric nitrogen deposition in the Yangtze River basin: Spatial pattern and source attribution. <i>Environmental Pollution</i> , 2018, 232, 546-555.	7.5	79
104	Cumulative and partially recoverable impacts of nitrogen addition on a temperate steppe. <i>Ecological Applications</i> , 2018, 28, 237-248.	3.8	23
105	MCR-Modified CA-Markov Model for the Simulation of Urban Expansion. <i>Sustainability</i> , 2018, 10, 3116.	3.2	23
106	A multi-objective scheduling optimization algorithm of a camera network for directional road network coverage. <i>PLoS ONE</i> , 2018, 13, e0206038.	2.5	1
107	The vertical variability of ammonia in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16385-16398.	4.9	42
108	New high-fidelity terrain modeling method constrained by terrain semanteme. <i>PLoS ONE</i> , 2018, 13, e0198530.	2.5	0

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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.	4.9	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.	4.9	65
111	Impact of elevated precipitation, nitrogen deposition and warming on soil respiration in a temperate desert. <i>Biogeosciences</i> , 2018, 15, 2007-2019.	3.3	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.	4.1	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.	4.1	152
114	Atmospheric Nitrogen Emission, Deposition, and Air Quality Impacts in China: an Overview. <i>Current Pollution Reports</i> , 2017, 3, 65-77.	6.6	61
115	Dry Particulate Nitrate Deposition in China. <i>Environmental Science & Technology</i> , 2017, 51, 5572-5581.	10.0	24
116	Bulk deposition of organic and inorganic nitrogen in southwest China from 2008 to 2013. <i>Environmental Pollution</i> , 2017, 227, 157-166.	7.5	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.	8.0	86
118	Evidence for the Importance of Atmospheric Nitrogen Deposition to Eutrophic Lake Dianchi, China. <i>Environmental Science & Technology</i> , 2017, 51, 6699-6708.	10.0	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.	8.0	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.	3.3	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.	10.0	115
122	Nitrous oxide and methane emissions from paddy soils in southwest China. <i>Geoderma Regional</i> , 2017, 8, 1-11.	2.1	13
123	Ammonia Emissions May Be Substantially Underestimated in China. <i>Environmental Science & Technology</i> , 2017, 51, 12089-12096.	10.0	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.	2.3	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.	2.3	6
126	Air quality improvement in a megacity: implications from 2015 Beijing Parade Blue pollution control actions. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 31-46.	4.9	91

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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.	4.9	54
128	Ground Ammonia Concentrations over China Derived from Satellite and Atmospheric Transport Modeling. <i>Remote Sensing</i> , 2017, 9, 467.	4.0	30
129	Integration of GIS and Moving Objects in Surveillance Video. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 94.	2.9	18
130	Camera Coverage Estimation Based on Multistage Grid Subdivision. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 110.	2.9	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.	2.9	24
132	Surveillance Video Synopsis in GIS. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 333.	2.9	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.	3.5	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.	2.1	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.	2.5	5
136	High nitrogen deposition in an agricultural ecosystem of Shaanxi, China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13210-13221.	5.3	20
137	Wet and dry nitrogen deposition in the central Sichuan Basin of China. <i>Atmospheric Environment</i> , 2016, 143, 39-50.	4.1	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.	3.3	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.	4.9	116
140	High-resolution ammonia emissions inventories in China from 1980 to 2012. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 2043-2058.	4.9	281
141	Imbalanced phosphorus and nitrogen deposition in China's forests. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8571-8579.	4.9	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.	2.3	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.	7.1	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.	4.1	67

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145	Parallel viewshed analysis on a PC cluster system using triple-based irregular partition scheme. <i>Earth Science Informatics</i> , 2016, 9, 511-523.	3.2	14
146	Evidence for a Historic Change Occurring in China. <i>Environmental Science & Technology</i> , 2016, 50, 505-506.	10.0	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.	5.3	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.	8.8	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.	5.1	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.	8.0	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.	10.0	36
152	Long-term changes in soil pH across major forest ecosystems in China. <i>Geophysical Research Letters</i> , 2015, 42, 933-940.	4.0	60
153	Response of alpine grassland to elevated nitrogen deposition and water supply in China. <i>Oecologia</i> , 2015, 177, 65-72.	2.0	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.	6.1	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.	3.8	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.	2.2	20
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