

Xiuying Zhang

List of Publications by Year in descending order

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38
papers

1,320
citations

304743

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345221

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docs citations

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times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	Global and Regional Patterns of Soil Nitrous Acid Emissions and Their Acceleration of Rural Photochemical Reactions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	7
2	Long-term ambient SO ₂ concentration and its exposure risk across China inferred from OMI observations from 2005 to 2018. <i>Atmospheric Research</i> , 2021, 247, 105150.	4.1	20
3	Comparison analysis of global methane concentration derived from SCIAMACHY, AIRS, and GOSAT with surface station measurements. <i>International Journal of Remote Sensing</i> , 2021, 42, 1823-1840.	2.9	3
4	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.	3.3	2
5	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
6	Global estimates of dry ammonia deposition inferred from space-measurements. <i>Science of the Total Environment</i> , 2020, 730, 139189.	8.0	11
7	Declining precipitation acidity from H ₂ SO ₄ and HNO ₃ across China inferred by OMI products. <i>Atmospheric Environment</i> , 2020, 224, 117359.	4.1	3
8	Estimating Ground-Level Ozone Concentrations in Eastern China Using Satellite-Based Precursors. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 4754-4763.	6.3	40
9	Multiangle land use-linked carbon balance examination in Nanjing City, China. <i>Land Use Policy</i> , 2019, 84, 305-315.	5.6	50
10	Estimating global surface ammonia concentrations inferred from satellite retrievals. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12051-12066.	4.9	31
11	Concentration of heavy metals in vegetables and potential health risk assessment in China. <i>Environmental Geochemistry and Health</i> , 2018, 40, 313-322.	3.4	98
12	Decadal Trends in Wet Sulfur Deposition in China Estimated From OMI SO ₂ Columns. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 10,796.	3.3	23
13	Detecting Sulfuric and Nitric Acid Rain Stresses on <i>Quercus glauca</i> through Hyperspectral Responses. <i>Sensors</i> , 2018, 18, 830.	3.8	7
14	Land degradation monitoring using terrestrial ecosystem carbon sinks/sources and their response to climate change in China. <i>Land Degradation and Development</i> , 2018, 29, 3489-3502.	3.9	42
15	Dry Particulate Nitrate Deposition in China. <i>Environmental Science & Technology</i> , 2017, 51, 5572-5581.	10.0	24
16	Spatial distribution and risk assessment of copper in agricultural soils, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 1404-1416.	3.4	8
17	Estimation of monthly bulk nitrate deposition in China based on satellite NO ₂ measurement by the Ozone Monitoring Instrument. <i>Remote Sensing of Environment</i> , 2017, 199, 93-106.	11.0	29
18	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

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19	Ground Ammonia Concentrations over China Derived from Satellite and Atmospheric Transport Modeling. <i>Remote Sensing</i> , 2017, 9, 467.	4.0	30
20	Identification of Potential Sources of Mercury (Hg) in Farmland Soil Using a Decision Tree Method in China. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1111.	2.6	14
21	Spatial Distribution of Mercury (Hg) Concentration in Agricultural Soil and Its Risk Assessment on Food Safety in China. <i>Sustainability</i> , 2016, 8, 795.	3.2	26
22	A Review of Spatial Variation of Inorganic Nitrogen (N) Wet Deposition in China. <i>PLoS ONE</i> , 2016, 11, e0146051.	2.5	23
23	Bulk sulfur (S) deposition in China. <i>Atmospheric Environment</i> , 2016, 135, 41-49.	4.1	29
24	Satellite-based detection of bamboo expansion over the past 30 years in Mount Tianmushan, China. <i>International Journal of Remote Sensing</i> , 2016, 37, 2908-2922.	2.9	29
25	Estimating 40 years of nitrogen deposition in global biomes using the SCIAMACHY NO ₂ column. <i>International Journal of Remote Sensing</i> , 2016, 37, 4964-4978.	2.9	7
26	Relationship between nitrogen deposition and LUCC and its impact on terrestrial ecosystem carbon budgets in China. <i>Science China Earth Sciences</i> , 2016, 59, 2285-2294.	5.2	14
27	Improvement of ecological geographic regionalization based on remote sensing and canonical correspondence analysis: A case study in China. <i>Science China Earth Sciences</i> , 2016, 59, 1745-1753.	5.2	14
28	The composition, seasonal variation, and potential sources of the atmospheric wet sulfur (S) and nitrogen (N) deposition in the southwest of China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6363-6375.	5.3	31
29	Chromium occurrences in arable soil and its influence on food production in China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	35
30	Assessment of arsenic (As) occurrence in arable soil and its related health risk in China. <i>Environmental Geochemistry and Health</i> , 2016, 38, 691-702.	3.4	29
31	Pollution and health risk assessment of heavy metals in urban soil in China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2016, 22, 424-434.	3.4	72
32	Evaluation of Lead in Arable Soils, China. <i>Clean - Soil, Air, Water</i> , 2015, 43, 1232-1240.	1.1	13
33	Spatial-Temporal Variations of Chlorophyll-a in the Adjacent Sea Area of the Yangtze River Estuary Influenced by Yangtze River Discharge. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 5420-5438.	2.6	39
34	Assessment of cadmium (Cd) concentration in arable soil in China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4932-4941.	5.3	125
35	Comparison analysis of the global carbon dioxide concentration column derived from SCIAMACHY, AIRS, and GOSAT with surface station measurements. <i>International Journal of Remote Sensing</i> , 2015, 36, 1406-1423.	2.9	13
36	Impact of Soil Heavy Metal Pollution on Food Safety in China. <i>PLoS ONE</i> , 2015, 10, e0135182.	2.5	198

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37	Remote-sensing assessment of forest damage by Typhoon Saomai and its related factors at landscape scale. <i>International Journal of Remote Sensing</i> , 2013, 34, 7874-7886.	2.9	31
38	Analysis of acid rain patterns in northeastern China using a decision tree method. <i>Atmospheric Environment</i> , 2012, 46, 590-596.	4.1	79