

Xiuming Zhang

List of Publications by Year in descending order

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16
papers

928
citations

840585

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23
all docs

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docs citations

23
times ranked

801
citing authors

#	ARTICLE	IF	CITATIONS
1	Abating ammonia is more cost-effective than nitrogen oxides for mitigating PM _{2.5} air pollution. <i>Science</i> , 2021, 374, 758-762.	6.0	191
2	PM _{2.5} pollution is substantially affected by ammonia emissions in China. <i>Environmental Pollution</i> , 2016, 218, 86-94.	3.7	183
3	Ammonia Emissions May Be Substantially Underestimated in China. <i>Environmental Science & Technology</i> , 2017, 51, 12089-12096.	4.6	160
4	Societal benefits of halving agricultural ammonia emissions in China far exceed the abatement costs. <i>Nature Communications</i> , 2020, 11, 4357.	5.8	95
5	Consolidation of agricultural land can contribute to agricultural sustainability in China. <i>Nature Food</i> , 2021, 2, 1014-1022.	6.2	92
6	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
7	Integrated livestock sector nitrogen pollution abatement measures could generate net benefits for human and ecosystem health in China. <i>Nature Food</i> , 2022, 3, 161-168.	6.2	39
8	Increasing importance of ammonia emission abatement in PM _{2.5} pollution control. <i>Science Bulletin</i> , 2022, 67, 1745-1749.	4.3	33
9	Socioeconomic barriers of nitrogen management for agricultural and environmental sustainability. <i>Agriculture, Ecosystems and Environment</i> , 2022, 333, 107950.	2.5	20
10	Characterization of haze episodes and factors contributing to their formation using a panel model. <i>Chemosphere</i> , 2016, 149, 320-327.	4.2	16
11	A high-resolution map of reactive nitrogen inputs to China. <i>Scientific Data</i> , 2020, 7, 379.	2.4	12
12	Uncertainty of nitrogen budget in China. <i>Environmental Pollution</i> , 2021, 286, 117216.	3.7	11
13	Pollution controls in Lake Tai with the reduction of the watershed nitrogen footprint. <i>Journal of Cleaner Production</i> , 2022, 332, 130132.	4.6	5
14	Reactive Nitrogen Budgets in China. , 2020, , 87-109.		1
15	Costs and benefits of ammonia abatement in Australia. <i>Resources, Conservation and Recycling</i> , 2022, 182, 106318.	5.3	1
16	Dry Climate Aggravates Riverine Nitrogen Pollution in Australia by Water Volume Reduction. <i>Environmental Science & Technology</i> , 2021, 55, 16455-16464.	4.6	1