

List of Publications by Year in descending order

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39
papers

2,190
citations

218592

26
h-index

302012

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41
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41
docs citations

41
times ranked

1551
citing authors

#	ARTICLE	IF	CITATIONS
1	Accounting for interactions between Sustainable Development Goals is essential for water pollution control in China. <i>Nature Communications</i> , 2022, 13, 730.	5.8	97
2	Relocate 10 billion livestock to reduce harmful nitrogen pollution exposure for 90% of China's population. <i>Nature Food</i> , 2022, 3, 152-160.	6.2	50
3	Role of Organic and Conservation Agriculture in Ammonia Emissions and Crop Productivity in China. <i>Environmental Science & Technology</i> , 2022, 56, 2977-2989.	4.6	23
4	Policy-enabled stabilization of nitrous oxide emissions from livestock production in China over 1978-2017. <i>Nature Food</i> , 2022, 3, 356-366.	6.2	20
5	Urbanization: an increasing source of multiple pollutants to rivers in the 21st century. <i>Npj Urban Sustainability</i> , 2021, 1, .	3.7	84
6	Strategies to reduce ammonia emissions from livestock and their cost-benefit analysis: A case study of Sheyang county. <i>Environmental Pollution</i> , 2021, 290, 118045.	3.7	7
7	China's future food demand and its implications for trade and environment. <i>Nature Sustainability</i> , 2021, 4, 1042-1051.	11.5	112
8	Food and feed trade has greatly impacted global land and nitrogen use efficiencies over 1961-2017. <i>Nature Food</i> , 2021, 2, 780-791.	6.2	15
9	Seasonal River Export of Nitrogen to Guanting and Baiyangdian Lakes in the Hai He Basin. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005689.	1.3	7
10	Cost-effective management of coastal eutrophication: A case study for the Yangtze river basin. <i>Resources, Conservation and Recycling</i> , 2020, 154, 104635.	5.3	38
11	Air quality, nitrogen use efficiency and food security in China are improved by cost-effective agricultural nitrogen management. <i>Nature Food</i> , 2020, 1, 648-658.	6.2	131
12	Modeling the Contribution of Crops to Nitrogen Pollution in the Yangtze River. <i>Environmental Science & Technology</i> , 2020, 54, 11929-11939.	4.6	26
13	Spatial Planning Needed to Drastically Reduce Nitrogen and Phosphorus Surpluses in China's Agriculture. <i>Environmental Science & Technology</i> , 2020, 54, 11894-11904.	4.6	50
14	Global Change Can Make Coastal Eutrophication Control in China More Difficult. <i>Earth's Future</i> , 2020, 8, e2019EF001280.	2.4	35
15	A food system revolution for China in the post-pandemic world. <i>Resources, Environment and Sustainability</i> , 2020, 2, 100013.	2.9	14
16	Reply to Comment on "Multi-Scale Modeling of Nutrient Pollution in the Rivers of China". <i>Environmental Science & Technology</i> , 2020, 54, 2046-2047.	4.6	2
17	How to avoid coastal eutrophication - a back-casting study for the North China Plain. <i>Science of the Total Environment</i> , 2019, 692, 676-690.	3.9	26
18	Dietary manipulation to reduce nitrogen and phosphorus excretion by dairy cows. <i>Livestock Science</i> , 2019, 228, 61-66.	0.6	5

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19	Multi-scale Modeling of Nutrient Pollution in the Rivers of China. <i>Environmental Science & Technology</i> , 2019, 53, 9614-9625.	4.6	76
20	Transformation of nitrogen and carbon during composting of manure litter with different methods. <i>Bioresource Technology</i> , 2019, 293, 122046.	4.8	72
21	Further Improvement of Air Quality in China Needs Clear Ammonia Mitigation Target. <i>Environmental Science & Technology</i> , 2019, 53, 10542-10544.	4.6	32
22	Reducing Ammonia Emissions from Dairy Cattle Production via Cost-Effective Manure Management Techniques in China. <i>Environmental Science & Technology</i> , 2019, 53, 11840-11848.	4.6	31
23	China's pig relocation in balance. <i>Nature Sustainability</i> , 2019, 2, 888-888.	11.5	48
24	Seasonality in river export of nitrogen: A modelling approach for the Yangtze River. <i>Science of the Total Environment</i> , 2019, 671, 1282-1292.	3.9	52
25	Agricultural nitrogen and phosphorus emissions to water and their mitigation options in the Haihe Basin, China. <i>Agricultural Water Management</i> , 2019, 212, 262-272.	2.4	34
26	Modeling nutrients in Lake Dianchi (China) and its watershed. <i>Agricultural Water Management</i> , 2019, 212, 48-59.	2.4	54
27	Exploring Future Food Provision Scenarios for China. <i>Environmental Science & Technology</i> , 2019, 53, 1385-1393.	4.6	62
28	Nitrogen and carbon footprints of dairy farm systems in China and New Zealand, as influenced by productivity, feed sources and mitigations. <i>Agricultural Water Management</i> , 2019, 213, 155-163.	2.4	25
29	Nutrient losses to surface waters in Hai He basin: A case study of Guanting reservoir and Baiyangdian lake. <i>Agricultural Water Management</i> , 2019, 213, 62-75.	2.4	43
30	Accumulation and leaching of nitrate in soils in wheat-maize production in China. <i>Agricultural Water Management</i> , 2019, 212, 407-415.	2.4	93
31	Hotspots for Nitrogen and Phosphorus Losses from Food Production in China: A County-Scale Analysis. <i>Environmental Science & Technology</i> , 2018, 52, 5782-5791.	4.6	129
32	Global environmental costs of China's thirst for milk. <i>Global Change Biology</i> , 2018, 24, 2198-2211.	4.2	56
33	Environmental impacts and resource use of milk production on the North China Plain, based on life cycle assessment. <i>Science of the Total Environment</i> , 2018, 625, 486-495.	3.9	36
34	Nutrient use efficiencies, losses, and abatement strategies for peri-urban dairy production systems. <i>Journal of Environmental Management</i> , 2018, 228, 232-238.	3.8	11
35	China's livestock transition: Driving forces, impacts, and consequences. <i>Science Advances</i> , 2018, 4, eaar8534.	4.7	253
36	Designing Vulnerable Zones of Nitrogen and Phosphorus Transfers To Control Water Pollution in China. <i>Environmental Science & Technology</i> , 2018, 52, 8987-8988.	4.6	49

#	ARTICLE	IF	CITATIONS
37	Livestock Housing and Manure Storage Need to Be Improved in China. Environmental Science & Technology, 2017, 51, 8212-8214.	4.6	46
38	Mitigating ammonia emission from agriculture reduces PM2.5 pollution in the Hai River Basin in China. Science of the Total Environment, 2017, 609, 1152-1160.	3.9	57
39	Nitrogen, Phosphorus, and Potassium Flows through the Manure Management Chain in China. Environmental Science & Technology, 2016, 50, 13409-13418.	4.6	189