

Yuanhong Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4853635/publications.pdf>

Version: 2024-02-01

23
papers

3,076
citations

471061

17
h-index

676716

22
g-index

27
all docs

27
docs citations

27
times ranked

3929
citing authors

#	ARTICLE	IF	CITATIONS
1	The Global Methane Budget 2000–2017. <i>Earth System Science Data</i> , 2020, 12, 1561-1623.	3.7	1,199
2	Severe Surface Ozone Pollution in China: A Global Perspective. <i>Environmental Science and Technology Letters</i> , 2018, 5, 487-494.	3.9	570
3	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
4	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
5	Identifying Ammonia Hotspots in China Using a National Observation Network. <i>Environmental Science & Technology</i> , 2018, 52, 3926-3934.	4.6	146
6	The underappreciated role of agricultural soil nitrogen oxide emissions in ozone pollution regulation in North China. <i>Nature Communications</i> , 2021, 12, 5021.	5.8	98
7	Global atmospheric carbon monoxide budget 2000–2017 inferred from multi-species atmospheric inversions. <i>Earth System Science Data</i> , 2019, 11, 1411-1436.	3.7	96
8	Sources and Processes Affecting Fine Particulate Matter Pollution over North China: An Adjoint Analysis of the Beijing APEC Period. <i>Environmental Science & Technology</i> , 2016, 50, 8731-8740.	4.6	87
9	Atmospheric nitrogen deposition in the Yangtze River basin: Spatial pattern and source attribution. <i>Environmental Pollution</i> , 2018, 232, 546-555.	3.7	79
10	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
11	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
12	Observing carbon dioxide emissions over China's cities and industrial areas with the Orbiting Carbon Observatory-2. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8501-8510.	1.9	64
13	Inter-model comparison of global hydroxyl radical (OH) distributions and their impact on atmospheric methane over the 2000–2016 period. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 13701-13723.	1.9	52
14	Precipitation chemistry and atmospheric nitrogen deposition at a rural site in Beijing, China. <i>Atmospheric Environment</i> , 2020, 223, 117253.	1.9	38
15	Atmospheric nitrogen deposition: A review of quantification methods and its spatial pattern derived from the global monitoring networks. <i>Ecotoxicology and Environmental Safety</i> , 2021, 216, 112180.	2.9	31
16	Characteristics of Atmospheric Reactive Nitrogen Deposition in Nyingchi City. <i>Scientific Reports</i> , 2019, 9, 4645.	1.6	20
17	Anthropogenic emission is the main contributor to the rise of atmospheric methane during 1993–2017. <i>National Science Review</i> , 2022, 9, nwab200.	4.6	20
18	Influences of hydroxyl radicals (OH) on top-down estimates of the global and regional methane budgets. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9525-9546.	1.9	19

#	ARTICLE	IF	CITATIONS
19	On the role of trend and variability in the hydroxyl radical (OH) in the global methane budget. Atmospheric Chemistry and Physics, 2020, 20, 13011-13022.	1.9	18
20	Responses of surface ozone air quality to anthropogenic nitrogen deposition in the Northern Hemisphere. Atmospheric Chemistry and Physics, 2017, 17, 9781-9796.	1.9	16
21	Effects of elevated ozone concentration and nitrogen addition on ammonia stomatal compensation point in a poplar clone. Environmental Pollution, 2018, 238, 760-770.	3.7	10
22	An integrated analysis of contemporary methane emissions and concentration trends over China using in situ and satellite observations and model simulations. Atmospheric Chemistry and Physics, 2022, 22, 1229-1249.	1.9	3
23	Modelling Atmospheric Nitrogen Deposition in China. , 2020, , 67-85.		0