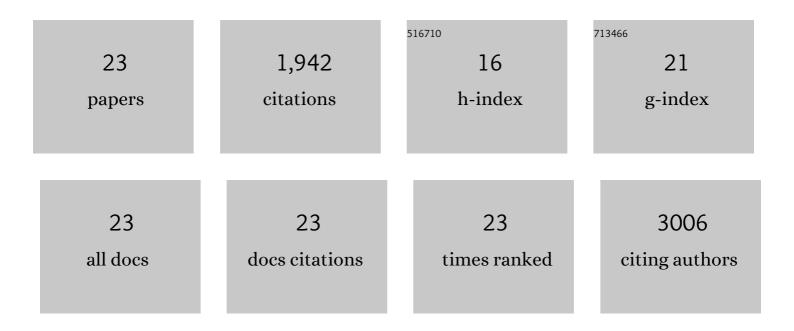


List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3170489/publications.pdf Version: 2024-02-01



ΠΛ ΡΛΝ

#	Article	IF	CITATIONS
1	A new openâ€path eddy covariance method for nitrous oxide and other trace gases that minimizes temperature corrections. Global Change Biology, 2022, 28, 1446-1457.	9.5	3
2	Environmental Consequences of Potential Strategies for China to Prepare for Natural Gas Import Disruptions. Environmental Science & Technology, 2022, 56, 1183-1193.	10.0	6
3	Monthly Patterns of Ammonia Over the Contiguous United States at 2â€km Resolution. Geophysical Research Letters, 2021, 48, e2020GL090579.	4.0	16
4	Validation of IASI Satellite Ammonia Observations at the Pixel Scale Using In Situ Vertical Profiles. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033475.	3.3	28
5	Ammonia Dry Deposition in an Alpine Ecosystem Traced to Agricultural Emission Hotpots. Environmental Science & Technology, 2021, 55, 7776-7785.	10.0	13
6	Air quality, nitrogen use efficiency and food security in China are improved by cost-effective agricultural nitrogen management. Nature Food, 2020, 1, 648-658.	14.0	131
7	Methane emissions from natural gas vehicles in China. Nature Communications, 2020, 11, 4588.	12.8	30
8	Variability of Ammonia and Methane Emissions from Animal Feeding Operations in Northeastern Colorado. Environmental Science & Technology, 2020, 54, 11015-11024.	10.0	23
9	Importance of Superemitter Natural Gas Well Pads in the Marcellus Shale. Environmental Science & Technology, 2019, 53, 4747-4754.	10.0	32
10	Socioeconomic and atmospheric factors affecting aerosol radiative forcing: Production-based versus consumption-based perspective. Atmospheric Environment, 2019, 200, 197-207.	4.1	12
11	Quantifying uncertainties from mobile-laboratory-derived emissions of well pads using inverse Gaussian methods. Atmospheric Chemistry and Physics, 2018, 18, 15145-15168.	4.9	47
12	Vehicle Emissions as an Important Urban Ammonia Source in the United States and China. Environmental Science & Technology, 2017, 51, 2472-2481.	10.0	202
13	Transboundary health impacts of transported global air pollution and international trade. Nature, 2017, 543, 705-709.	27.8	737
14	Effluent Gas Flux Characterization during Pyrolysis of Chicken Manure. ACS Sustainable Chemistry and Engineering, 2017, 5, 7568-7575.	6.7	4
15	Lightweight mid-infrared methane sensor for unmanned aerial systems. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	39
16	Open-Path C2H6 Sensor for Fast, Low-Power, Measurement of Natural Gas Emissions. , 2017, , .		1
17	Global climate forcing of aerosols embodied in international trade. Nature Geoscience, 2016, 9, 790-794.	12.9	79
18	Characterization of Ammonia, Methane, and Nitrous Oxide Emissions from Concentrated Animal Feeding Operations in Northeastern Colorado. Environmental Science & Technology, 2016, 50, 10885-10893.	10.0	48

Da Pan

#	Article	IF	CITATIONS
19	Ammonia and methane dairy emission plumes in the San Joaquin Valley of California from individual feedlot to regional scales. Journal of Geophysical Research D: Atmospheres, 2015, 120, 9718-9738.	3.3	30
20	Low-power, open-path mobile sensing platform for high-resolution measurements of greenhouse gases and air pollutants. Applied Physics B: Lasers and Optics, 2015, 119, 153-164.	2.2	42
21	UAV-based laser spectrometer to quantify methane from agricultural and petrochemical activities. , 2015, , .		1
22	Reply to Lopez et al.: Consumption-based accounting helps mitigate global air pollution. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2631.	7.1	27
23	China's international trade and air pollution in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1736-1741.	7.1	391