

Industrial and agricultural ammonia point sources expo

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Satellite pinpoints ammonia sources globally. <i>Nature</i> , 2018, 564, 49-50.	13.7	15
3	Fast molecular fingerprinting with a coherent, rapidly tunable dual-comb spectrometer near 3 μ m. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18400-18405.	1.3	16
4	Toward the improvement of total nitrogen deposition budgets in the United States. <i>Science of the Total Environment</i> , 2019, 691, 1328-1352.	3.9	29
5	Ammonium nitrate particles formed in upper troposphere from ground ammonia sources during Asian monsoons. <i>Nature Geoscience</i> , 2019, 12, 608-612.	5.4	95
6	Unprecedented Atmospheric Ammonia Concentrations Detected in the High Arctic From the 2017 Canadian Wildfires. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 8178-8202.	1.2	25
7	Implementation of a dynamical NH ₃ emissions parameterization in CMAQ for improving PM _{2.5} simulation in Taiwan. <i>Atmospheric Environment</i> , 2019, 218, 116923.	1.9	18
8	Relating high ozone, ultrafine particles, and new particle formation episodes using cluster analysis. <i>Atmospheric Environment: X</i> , 2019, 4, 100051.	0.8	9
9	Evaluating Ammonia (NH ₃) Predictions in the NOAA NAQFC for Eastern North Carolina Using Ground Level and Satellite Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 8242-8259.	1.2	6
10	Tracking down global NH ₃ point sources with wind-adjusted superresolution. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 5457-5473.	1.2	39
13	Nitrogen Speciation and Isotopic Composition of Aerosols Collected at Himalayan Forest (3326 m) Tj ETQq1 1 0.784314 rgBT /Overlock 12247-12256.	4.6	27
14	Improved Inversion of Monthly Ammonia Emissions in China Based on the Chinese Ammonia Monitoring Network and Ensemble Kalman Filter. <i>Environmental Science & Technology</i> , 2019, 53, 12529-12538.	4.6	72
15	Temporal characteristics and vertical distribution of atmospheric ammonia and ammonium in winter in Beijing. <i>Science of the Total Environment</i> , 2019, 681, 226-234.	3.9	29
17	Aerosol Ammonium in the Urban Boundary Layer in Beijing: Insights from Nitrogen Isotope Ratios and Simulations in Summer 2015. <i>Environmental Science and Technology Letters</i> , 2019, 6, 389-395.	3.9	38
18	The unintended consequence of SO ₂ and NO ₂ regulations over China: increase of ammonia levels and impact on PM _{2.5} concentrations. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6701-6716.	1.9	63
19	Effective and Reversible Capture of NH ₃ by Ethylamine Hydrochloride Plus Glycerol Deep Eutectic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10552-10560.	3.2	80
20	Atmospheric ammonia (NH ₃) emanations from Lake Natron's saline mudflats. <i>Scientific Reports</i> , 2019, 9, 4441.	1.6	24
21	NH ₃ emissions from large point sources derived from CrIS and IASI satellite observations. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12261-12293.	1.9	89
22	Estimating global surface ammonia concentrations inferred from satellite retrievals. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12051-12066.	1.9	31

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23	Wintertime spatial distribution of ammonia and its emission sources in the Great Salt Lake region. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 15691-15709.	1.9	15
24	Crop production in Pakistan and low nitrogen use efficiencies. <i>Nature Sustainability</i> , 2019, 2, 1106-1114.	11.5	54
25	Causes of Large Increases in Atmospheric Ammonia in the Last Decade across North America. <i>ACS Omega</i> , 2019, 4, 22133-22142.	1.6	14
26	Combining deep flooding and slow-release urea to reduce ammonia emission from rice fields. <i>Journal of Cleaner Production</i> , 2020, 244, 118745.	4.6	23
27	Spatial hazard assessment of the PM10 using machine learning models in Barcelona, Spain. <i>Science of the Total Environment</i> , 2020, 701, 134474.	3.9	91
28	Electric field-modulated high sensitivity and selectivity for NH ₃ on $\hat{1}\pm$ -C ₂ N ₂ nanosheet: Insights from DFT calculations. <i>Applied Surface Science</i> , 2020, 505, 144619.	3.1	39
29	Adsorbing and Activating N ₂ on Heterogeneous Au@Fe ₃ O ₄ Nanoparticles for N ₂ Fixation. <i>Advanced Functional Materials</i> , 2020, 30, 1906579.	7.8	114
30	Fossil fuel-related emissions were the major source of NH ₃ pollution in urban cities of northern China in the autumn of 2017. <i>Environmental Pollution</i> , 2020, 256, 113428.	3.7	63
31	Estimating exposure to hydrogen sulfide from animal husbandry operations using satellite ammonia as a proxy: Methodology demonstration. <i>Science of the Total Environment</i> , 2020, 709, 134508.	3.9	4
32	Liquefied Sunshine: Transforming Renewables into Fertilizers and Energy Carriers with Electromaterials. <i>Advanced Materials</i> , 2020, 32, e1904804.	11.1	49
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36	Fall of oxidized while rise of reduced reactive nitrogen deposition in China. <i>Journal of Cleaner Production</i> , 2020, 272, 122875.	4.6	14
37	Aircraft measurements reveal vertical distribution of atmospheric ammonia over the North China Plain in early autumn. <i>Environmental Chemistry Letters</i> , 2020, 18, 2149-2156.	8.3	3
38	The Global Cycles of Nitrogen, Phosphorus and Potassium. , 2020, , 483-508.		2
40	Sources and trends of oxidized and reduced nitrogen wet deposition in a typical medium-sized city of eastern China during 2010–2016. <i>Science of the Total Environment</i> , 2020, 744, 140558.	3.9	2
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42	Regional transport and urban emissions are important ammonia contributors in Beijing, China. <i>Environmental Pollution</i> , 2020, 265, 115062.	3.7	17
43	Ammonia capture with ionic liquid systems: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 767-809.	6.6	23
44	Glycerine-based synthesis of a highly efficient Fe ₂ O ₃ electrocatalyst for N ₂ fixation. <i>RSC Advances</i> , 2020, 10, 29575-29579.	1.7	13
45	Global nitrous acid emissions and levels of regional oxidants enhanced by wildfires. <i>Nature Geoscience</i> , 2020, 13, 681-686.	5.4	51
46	Exposure of Definite Palladium Facets Boosts Electrocatalytic Nitrogen Fixation at Low Overpotential. <i>Advanced Energy Materials</i> , 2020, 10, 2002131.	10.2	45
47	Quantitative Determination of Hydroxymethanesulfonate (HMS) Using Ion Chromatography and UHPLC-LTQ-Orbitrap Mass Spectrometry: A Missing Source of Sulfur during Haze Episodes in Beijing. <i>Environmental Science and Technology Letters</i> , 2020, 7, 701-707.	3.9	25
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52	Overcoming socioeconomic barriers to reduce agricultural ammonia emission in China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 25813-25817.	2.7	17
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55	Advances in electrospun nanofiber fabrication for polyaniline (PANI)-based chemoresistive sensors for gaseous ammonia. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 129, 115938.	5.8	77
56	Global estimates of dry ammonia deposition inferred from space-measurements. <i>Science of the Total Environment</i> , 2020, 730, 139189.	3.9	11
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60	Air Pollution and Sea Pollution Seen from Space. <i>Surveys in Geophysics</i> , 2020, 41, 1583-1609.	2.1	15

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61	Tracking ammonia morning peak, sources and transport with 1ÂHz measurements at a rural site in North China Plain. <i>Atmospheric Environment</i> , 2020, 235, 117630.	1.9	23
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65	Long-range and local air pollution: what can we learn from chemical speciation of particulate matter at paired sites?. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 409-429.	1.9	24
66	Ammonia Emissions from Mudflats of River, Lake, and Sea. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 614-619.	1.2	5
67	Nitrogen emissions along global livestock supply chains. <i>Nature Food</i> , 2020, 1, 437-446.	6.2	160
69	Real-time measurement and source apportionment of elements in Delhi's atmosphere. <i>Science of the Total Environment</i> , 2020, 742, 140332.	3.9	78
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78	Characterization of the Global Sources of Atmospheric Ammonia from Agricultural Soils. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031684.	1.2	18
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82	A TPA-DCPP organic semiconductor film-based room temperature NH ₃ sensor for insight into the sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128940.	4.0	25
83	Sulfuric acid modified expanded vermiculite cover for reducing ammonia emissions from animal slurry storage. <i>Journal of Hazardous Materials</i> , 2021, 403, 123954.	6.5	14
84	Water-soluble organic and inorganic nitrogen in ambient aerosols over the Himalayan middle hills: Seasonality, sources, and transport pathways. <i>Atmospheric Research</i> , 2021, 250, 105376.	1.8	18
85	Mapping anthropogenic emissions in China at 1 km spatial resolution and its application in air quality modeling. <i>Science Bulletin</i> , 2021, 66, 612-620.	4.3	64
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88	From South Asia to the world: embracing the challenge of global sustainable nitrogen management. <i>One Earth</i> , 2021, 4, 22-27.	3.6	21
89	Degradation of ammonia gas by Cu ₂ O/TiO ₂ and its mechanistic analysis. <i>RSC Advances</i> , 2021, 11, 3695-3702.	1.7	7
90	Isolating metallophthalocyanine sites into graphene-supported microporous polyaniline enables highly efficient sensing of ammonia. <i>Journal of Materials Chemistry A</i> , 2021, 9, 4150-4158.	5.2	11
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119	Isolation of Metalloid Boron Atoms in Intermetallic Carbide Boosts the Catalytic Selectivity for Electrocatalytic N ₂ Fixation. <i>Advanced Energy Materials</i> , 2021, 11, 2102138.	10.2	42
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133	Satellite observations of ammonia over South Asia. , 2022, , 227-237.		0
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158	Mitigation potential of global ammonia emissions and related health impacts in the trade network. Nature Communications, 2021, 12, 6308.	5.8	32

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164	Influence of hydraulic retention time on municipal wastewater treatment using microalgae-bacteria flocs in sequencing batch reactors. <i>Bioresource Technology Reports</i> , 2022, 17, 100884.	1.5	5
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