

Record high levels of atmospheric ammonia over India:

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A decade of satellite observations reveal significant increase in atmospheric formaldehyde from shipping in Indian Ocean. <i>Atmospheric Environment</i> , 2021, 246, 118095.	4.1	12
2	Ammonia fluxes and emission factors under an intensively managed wetland rice ecosystem. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 132-143.	3.5	16
3	Performance of MODIS C6.1 Dark Target and Deep Blue aerosol products in Delhi National Capital Region, India: Application for aerosol studies. <i>Atmospheric Pollution Research</i> , 2021, 12, 65-74.	3.8	17
4	10-year satellite-constrained fluxes of ammonia improve performance of chemistry transport models. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 4431-4451.	4.9	21
5	Analysis of atmospheric ammonia over South and East Asia based on the MOZART-4 model and its comparison with satellite and surface observations. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6389-6409.	4.9	8
6	Two decades of aerosol observations by AATSR, MISR, MODIS and MERRA-2 over India and Indian Ocean. <i>Remote Sensing of Environment</i> , 2021, 257, 112363.	11.0	32
8	Global, regional and national trends of atmospheric ammonia derived from a decadal (2008-2018) satellite record. <i>Environmental Research Letters</i> , 2021, 16, 055017.	5.2	65
9	Revisiting the reaction of dicarbonyls in aerosol proxy solutions containing ammonia: the case of butenedial. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 8809-8821.	4.9	7
10	Hydrothermally synthesized hydroxyapatite cellulose composites thick films as ammonia gas sensor. <i>Emergent Materials</i> , 2022, 5, 445-454.	5.7	10
11	The Diel Cycle of NH_3 Observed From the FY-4A Geostationary Interferometric Infrared Sounder (GIIRS). <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093010.	4.0	11
12	Biogenic link to the recent increase in atmospheric methane over India. <i>Journal of Environmental Management</i> , 2021, 289, 112526.	7.8	9
13	Seasonal distribution and drivers of surface fine particulate matter and organic aerosol over the Indo-Gangetic Plain. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10881-10909.	4.9	15
14	Temporal evolution of mid-tropospheric CO_2 over the Indian Ocean. <i>Atmospheric Environment</i> , 2021, 257, 118475.	4.1	8
15	Tropospheric NO_2 and O_3 Response to COVID-19 Lockdown Restrictions at the National and Urban Scales in Germany. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035440.	3.3	13
16	A valorisation approach in recycling of organic wastes using low-grade rock minerals and microbial culture through vermicomposting. <i>Environmental Challenges</i> , 2021, 5, 100225.	4.2	12
17	Satellite observations of ammonia over South Asia. , 2022, , 227-237.		0
18	Sources of atmospheric pollution in India. , 2022, , 1-37.		6
19	Variation of trace gases in Kannur Town, a coastal South Indian city. <i>Environmental Challenges</i> , 2021, 5, 100336.	4.2	2

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20	Wet deposition of atmospheric inorganic reactive nitrogen (Nr) across an urban-industrial-rural transect of Nr emission hotspot (India). <i>Journal of Atmospheric Chemistry</i> , 2021, 78, 271.	3.2	2
21	Enhanced secondary aerosol formation driven by excess ammonia during fog episodes in Delhi, India. <i>Chemosphere</i> , 2022, 289, 133155.	8.2	19
22	Investigation of long-term trends and major sources of atmospheric HCHO over India. <i>Environmental Challenges</i> , 2022, 7, 100477.	4.2	7
23	Photosynthetic trends in India derived from remote sensing measurements during 2000–2019: vegetation dynamics and key climate drivers. <i>Geocarto International</i> , 2022, 37, 11813-11829.	3.5	6
24	Rapid rise in premature mortality due to anthropogenic air pollution in fast-growing tropical cities from 2005 to 2018. <i>Science Advances</i> , 2022, 8, eabm4435.	10.3	31
25	Decadal variations in CO ₂ during agricultural seasons in India and role of management as sustainable approach. <i>Environmental Technology and Innovation</i> , 2022, 27, 102498.	6.1	12
26	Air Quality during the COVID-19 Lockdown and Unlock Periods in India Analyzed Using Satellite and Ground-based Measurements. <i>Environmental Processes</i> , 2022, 9, 1.	3.5	17
28	Secondary PM _{2.5} decreases significantly less than NO ₂ emission reductions during COVID lockdown in Germany. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 7105-7129.	4.9	15
29	Nutrient management may reduce global warming potential of rice cultivation in subtropical India. <i>Current Research in Environmental Sustainability</i> , 2022, 4, 100169.	3.5	10
30	Improvements in SO ₂ pollution in India: role of technology and environmental regulations. <i>Environmental Science and Pollution Research</i> , 2022, 29, 78637-78649.	5.3	25
31	Large sub-regional differences of ammonia seasonal patterns over India reveal inventory discrepancies. <i>Environmental Research Letters</i> , 2022, 17, 104006.	5.2	5
32	The increasing atmospheric CO ₂ over India: Comparison to global trends. <i>IScience</i> , 2022, 25, 104863.	4.1	14
33	Crop residue interactions with fertilizer rate enhances volatilization loss and reduces nitrogen use efficiency in irrigated maize and potato. <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 1833-1845.	2.6	4
34	Demystifying risk attitudes and fertilizer use: A review focusing on the behavioral factors associated with agricultural nitrogen emissions in South Asia. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	3.9	4
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36	Aging in Rural Communities. <i>Current Epidemiology Reports</i> , 2023, 10, 1-16.	2.4	4
37	Understanding the influence of summer biomass burning on air quality in North India: Eight cities field campaign study. <i>Science of the Total Environment</i> , 2023, 861, 160361.	8.0	8
38	A seasonal OH minimum region over the Indian Ocean?. <i>Atmospheric Environment</i> , 2023, 295, 119536.	4.1	5

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40	Enhanced Wet Deposition of Nitrogen Induced by a Landfalling Typhoon over East Asia: Implications for the Marine Eco-Environment. Environmental Science and Technology Letters, 2022, 9, 1014-1021.	8.7	3
41	Analysis and Variation of the Maiac Aerosol Optical Depth in Underexplored Urbanized Area of National Capital Region, India. Journal of Landscape Ecology(Czech Republic), 2022, 15, 82-101.	0.9	3
42	Abundance and variation of gaseous NH ₃ in relation with inorganic fertilizers and soil moisture during Kharif and Rabi season. Environmental Monitoring and Assessment, 2023, 195, .	2.7	1
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45	A Century Ammonium Record Retrieved From the Central Tibetan Plateau. Journal of Geophysical Research D: Atmospheres, 2023, 128, .	3.3	0
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50	Increasing NH ₃ Emissions in High Emission Seasons and Its Spatiotemporal Evolution Characteristics during 1850–2060. Atmosphere, 2023, 14, 1056.	2.3	0
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52	Seasonal and regional variations of atmospheric ammonia across the South Korean Peninsula. Asian Journal of Atmospheric Environment, 2023, 17, .	1.1	2
53	Analysing role of airborne particulate matter in abetting SARS-CoV-2 outbreak for scheming regional pandemic regulatory modalities. Environmental Research, 2023, 236, 116646.	7.5	1
54	Comparative Analysis of Pigeonpea Stalk Biochar Characteristics and Energy Use under Different Biochar Production Methods. Sustainability, 2023, 15, 14394.	3.2	2
55	Hollow cylindrical ternary ZnO/Co ₃ O ₄ /CuO nanocomposite thick film on inter-digitated electrodes for selective ammonia gas sensing. Surfaces and Interfaces, 2023, 42, 103404.	3.0	1
56	Removal of Inorganic Pollutants from Wastewater: Innovative Technologies and Toxicity Assessment. Sustainability, 2023, 15, 16376.	3.2	0

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58	A comprehensive assessment of yield loss in rice due to surface ozone pollution in India during 2005–2020: A great concern for food security. <i>Agricultural Systems</i> , 2024, 215, 103849.	6.1	0
59	A multi-scenario Lagrangian trajectory analysis to identify source regions of the Asian tropopause aerosol layer on the Indian subcontinent in August 2016. <i>Atmospheric Chemistry and Physics</i> , 2024, 24, 763-787.	4.9	0
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