

# Niveta Jain

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/663940/publications.pdf>

Version: 2024-02-01

23  
papers

1,474  
citations

516710

16  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal consortium and nitrogen supplementation stimulates soil microbial communities to accelerate in situ degradation of paddy straw. <i>Environmental Sustainability</i> , 2022, 5, 161-171.	2.8	3
2	Developing a spatial information system of biomass potential from crop residues over India: A decision support for planning and establishment of biofuel/biomass power plant. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 165, 112575.	16.4	7
3	Effect of elevated ozone and carbon dioxide interaction on growth, yield, nutrient content and wilt disease severity in chickpea grown in Northern India. <i>Heliyon</i> , 2021, 7, e06049.	3.2	17
4	Nitrogen Challenges and Opportunities for Agricultural and Environmental Science in India. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	29
5	Mitigation of yield-scaled greenhouse gas emissions from irrigated rice through Azolla, Blue-green algae, and plant growth-promoting bacteria. <i>Environmental Science and Pollution Research</i> , 2021, 28, 51425-51439.	5.3	30
6	Net Ecosystem Exchange of Carbon Dioxide in Rice-Spring Wheat System of Northwestern Indo-Gangetic Plains. <i>Land</i> , 2021, 10, 701.	2.9	12
7	Experimental comparison of continuous and intermittent flooding of rice in relation to methane, nitrous oxide and ammonia emissions and the implications for nitrogen use efficiency and yield. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107571.	5.3	19
8	Plummeting global warming potential by chemicals interventions in irrigated rice: A lab to field assessment. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107545.	5.3	14
9	Global warming impacts of nitrogen use in agriculture: an assessment for India since 1960. <i>Carbon Management</i> , 2020, 11, 291-301.	2.4	29
10	Nitrous oxide emission and mitigation from maize-wheat rotation in the upper Indo-Gangetic Plains. <i>Carbon Management</i> , 2019, 10, 489-499.	2.4	24
11	The effects of elevated CO <sub>2</sub> and elevated O <sub>3</sub> exposure on plant growth, yield and quality of grains of two wheat cultivars grown in north India. <i>Heliyon</i> , 2019, 5, e02317.	3.2	26
12	Methane production, oxidation and mitigation: A mechanistic understanding and comprehensive evaluation of influencing factors. <i>Science of the Total Environment</i> , 2016, 572, 874-896.	8.0	210
13	Effect of Sowing Date and Cultivars on Aphid Infestation in Wheat with Climate Change Adaptation Perspective. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2016, 86, 315-323.	1.0	6
14	Greenhouse gases emission from soils under major crops in Northwest India. <i>Science of the Total Environment</i> , 2016, 542, 551-561.	8.0	61
15	Biosorption of Cd(II) on jatropha fruit coat and seed coat. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 411.	2.7	27
16	Mitigation of greenhouse gas emission with system of rice intensification in the Indo-Gangetic Plains. <i>Paddy and Water Environment</i> , 2014, 12, 355-363.	1.8	76
17	Emission of Air Pollutants from Crop Residue Burning in India. <i>Aerosol and Air Quality Research</i> , 2014, 14, 422-430.	2.1	382
18	Methane and nitrous oxide emissions from Indian rice paddies, agricultural soils and crop residue burning. , 2013, 3, 196-211.		57

#	ARTICLE	IF	CITATIONS
19	Greenhouse gas emission from rice and wheat growing areas in India: spatial analysis and upscaling. , 2012, 2, 115-125.		41
20	Greenhouse gas mitigation in rice wheat system with leaf color chart-based urea application. Environmental Monitoring and Assessment, 2012, 184, 3095-3107.	2.7	71
21	Recycling of rice straw to improve wheat yield and soil fertility and reduce atmospheric pollution. Paddy and Water Environment, 2006, 4, 111-117.	1.8	118
22	Mitigating nitrous oxide and methane emissions from soil in rice wheat system of the Indo-Gangetic plain with nitrification and urease inhibitors. Chemosphere, 2005, 58, 141-147.	8.2	156
23	An isoflavone from Myristica malabarica. Phytochemistry, 2000, 53, 155-157.	2.9	58