Niveta Jain

List of Publications by Year in descending order

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

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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	Emission of Air Pollutants from Crop Residue Burning in India. Aerosol and Air Quality Research, 2014, 14, 422-430.	2.1	382
2	Methane production, oxidation and mitigation: A mechanistic understanding and comprehensive evaluation of influencing factors. Science of the Total Environment, 2016, 572, 874-896.	8.0	210
3	Mitigating nitrous oxide and methane emissions from soil in riceâ€“wheat system of the Indo-Gangetic plain with nitrification and urease inhibitors. Chemosphere, 2005, 58, 141-147.	8.2	156
4	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
5	Mitigation of greenhouse gas emission with system of rice intensification in the Indo-Gangetic Plains. Paddy and Water Environment, 2014, 12, 355-363.	1.8	76
6	Greenhouse gas mitigation in riceâ€“wheat system with leaf color chart-based urea application. Environmental Monitoring and Assessment, 2012, 184, 3095-3107.	2.7	71
7	Greenhouse gases emission from soils under major crops in Northwest India. Science of the Total Environment, 2016, 542, 551-561.	8.0	61
8	An isoflavone from Myristica malabarica. Phytochemistry, 2000, 53, 155-157.	2.9	58
9	Methane and nitrous oxide emissions from Indian rice paddies, agricultural soils and crop residue burning. , 2013, 3, 196-211.		57
10	Greenhouse gas emission from riceâ€•and wheatâ€growing areas in India: spatial analysis and upscaling. , 2012, 2, 115-125.		41
11	Mitigation of yield-scaled greenhouse gas emissions from irrigated rice through Azolla, Blue-green algae, and plant growthâ€“promoting bacteria. Environmental Science and Pollution Research, 2021, 28, 51425-51439.	5.3	30
12	Global warming impacts of nitrogen use in agriculture: an assessment for India since 1960. Carbon Management, 2020, 11, 291-301.	2.4	29
13	Nitrogen Challenges and Opportunities for Agricultural and Environmental Science in India. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	29
14	Biosorption of Cd(II) on jatropha fruit coat and seed coat. Environmental Monitoring and Assessment, 2015, 187, 411.	2.7	27
15	The effects of elevated CO2 and elevated O3 exposure on plant growth, yield and quality of grains of two wheat cultivars grown in north India. Heliyon, 2019, 5, e02317.	3.2	26
16	Nitrous oxide emission and mitigation from maizeâ€“wheat rotation in the upper Indo-Gangetic Plains. Carbon Management, 2019, 10, 489-499.	2.4	24
17	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. Agriculture, Ecosystems and Environment, 2021, 319, 107571.	5.3	19
18	Effect of elevated ozone and carbon dioxide interaction on growth, yield, nutrient content and wilt disease severity in chickpea grown in Northern India. Heliyon, 2021, 7, e06049.	3.2	17

#	Article	IF	Citations
19	Plummeting global warming potential by chemicals interventions in irrigated rice: A lab to field assessment. Agriculture, Ecosystems and Environment, 2021, 319, 107545.	5.3	14
20	Net Ecosystem Exchange of Carbon Dioxide in Rice-Spring Wheat System of Northwestern Indo-Gangetic Plains. Land, 2021, 10, 701.	2.9	12
21	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. Renewable and Sustainable Energy Reviews, 2022, 165, 112575.	16.4	7
22	Effect of Sowing Date and Cultivars on Aphid Infestation in Wheat with Climate Change Adaptation Perspective. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2016, 86, 315-323.	1.0	6
23	Fungal consortium and nitrogen supplementation stimulates soil microbial communities to accelerate in situ degradation of paddy straw. Environmental Sustainability, 2022, 5, 161-171.	2.8	3