Yam Kanta Gaihre

List of Publications by Year
in descending order

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Version: 2024-02-01

25	897	567281 15	642732 23
papers	citations	h-index	g-index

25	25	25	722
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mitigating greenhouse gas emissions from irrigated rice cultivation through improved fertilizer and water management. Journal of Environmental Management, 2022, 307, 114520.	7.8	47
2	Enhanced-efficiency nitrogen fertilizer boosts cauliflower productivity and farmersâ€™ income: Multi-location and multi-year field trials across Nepal. Experimental Agriculture, 2022, 58, .	0.9	1
3	Field evaluation of slow-release nitrogen fertilizers and real-time nitrogen management tools to improve grain yield and nitrogen use efficiency of spring maize in Nepal. Heliyon, 2022, 8, e09566.	3.2	3
4	Real-time nitrogen management using decision support-tools increases nitrogen use efficiency of rice. Nutrient Cycling in Agroecosystems, 2021, 119, 355-368.	2.2	9
5	Optimizing N Fertilization for Increasing Yield and Profits of Rainfed Maize Grown under Sandy Loam Soil. Nitrogen, 2021, 2, 359-377.	1.3	9
6	Soil Properties. World Soils Book Series, 2021, , 91-110.	0.2	0
7	Movement and Retention of NH4-N in Wetland Rice Soils as Affected by Urea Application Methods. Journal of Soil Science and Plant Nutrition, 2020, 20, 589-597.	3.4	17
8	Increasing nitrogen use efficiency in rice through fertilizer application method under rainfed drought conditions in Nepal. Nutrient Cycling in Agroecosystems, 2020, 118, 103-114.	2.2	18
9	Mitigating N2O and NO Emissions from Direct-Seeded Rice with Nitrification Inhibitor and Urea Deep Placement. Rice Science, 2020, 27, 434-444.	3.9	24
10	Effects of water management on greenhouse gas emissions from farmers' rice fields in Bangladesh. Science of the Total Environment, 2020, 734, 139382.	8.0	66
11	Deep Placement of Briquette Urea Increases Agronomic and Economic Efficiency of Maize in Sandy Loam Soil. Agrivita, 2020, 42, .	0.4	4
12	New records of very high nitrous oxide fluxes from rice cannot be generalized for water management and climate impacts. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1464-1465.	7.1	14
13	Quantifying nitric oxide emissions under rice-wheat cropping systems. Environmental Pollution, 2019, 250, 856-862.	7.5	9
14	Nitrous oxide and nitric oxide emissions and nitrogen use efficiency as affected by nitrogen placement in lowland rice fields. Nutrient Cycling in Agroecosystems, 2018, 110, 277-291.	2.2	45
15	Different nitrogen rates and methods of application for dry season rice cultivation with alternate wetting and drying irrigation: Fate of nitrogen and grain yield. Agricultural Water Management, 2018, 196, 144-153.	5.6	67
16	Nitrous oxide and nitric oxide emissions from lowland rice cultivation with urea deep placement and alternate wetting and drying irrigation. Scientific Reports, 2018, 8, 17623.	3.3	32
17	How does burning of rice straw affect CH4 and N2O emissions? A comparative experiment of different on-field straw management practices. Agriculture, Ecosystems and Environment, 2017, 239, 143-153.	5.3	145
18	Design, Development and Field Evaluation of Manual-Operated Applicators for Deep Placement of Fertilizer in Puddled Rice Fields. Agricultural Research, 2017, 6, 259-266.	1.7	6

#	Article	IF	Citations
19	Fertilizer Deep Placement Increases Rice Production: Evidence from Farmersâ€™ Fields in Southern Bangladesh. Agronomy Journal, 2016, 108, 805-812.	1.8	58
20	Rice yields and nitrogen use efficiency with different fertilizers and water management under intensive lowland rice cropping systems in Bangladesh. Nutrient Cycling in Agroecosystems, 2016, 106, 143-156.	2.2	41
21	Floodwater ammonium, nitrogen use efficiency and rice yields with fertilizer deep placement and alternate wetting and drying under triple rice cropping systems. Nutrient Cycling in Agroecosystems, 2016, 104, 53-66.	2.2	86
22	Impacts of urea deep placement on nitrous oxide and nitric oxide emissions from rice fields in Bangladesh. Geoderma, 2015, 259-260, 370-379.	5.1	115
23	Seasonal assessment of greenhouse gas emissions from irrigated lowland rice fields under infrared warming. Agriculture, Ecosystems and Environment, 2014, 184, 88-100.	5.3	35
24	Impact of elevated temperatures on greenhouse gas emissions in rice systems: interaction with straw incorporation studied in a growth chamber experiment. Plant and Soil, 2013, 373, 857-875.	3.7	44
25	Slow but sure: the potential of slow-release nitrogen fertilizers to increase crop productivity and farm profit in Nepal. Journal of Plant Nutrition, 0, , 1-18.	1.9	2