

Dinesh Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

906
citations

687363

13
h-index

477307

29
g-index

35
all docs

35
docs citations

35
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of synergistic effects of bacterial and cyanobacterial strains as biofertilizers for wheat. <i>Plant and Soil</i> , 2010, 331, 217-230.	3.7	132
2	Agronomic Biofortification of Cereal Grains with Iron and Zinc. <i>Advances in Agronomy</i> , 2014, 125, 55-91.	5.2	121
3	Using hyperspectral remote sensing techniques to monitor nitrogen, phosphorus, sulphur and potassium in wheat (<i>Triticum aestivum</i> L.). <i>Precision Agriculture</i> , 2014, 15, 499-522.	6.0	112
4	Relative yield and zinc uptake by rice from zinc sulphate and zinc oxide coatings onto urea. <i>Nutrient Cycling in Agroecosystems</i> , 2008, 80, 181-188.	2.2	86
5	Effect of zinc-enriched urea on productivity, zinc uptake and efficiency of an aromatic rice-wheat cropping system. <i>Nutrient Cycling in Agroecosystems</i> , 2008, 81, 229-243.	2.2	85
6	Monitoring nitrogen, phosphorus and sulphur in hybrid rice (<i>Oryza sativa</i> L.) using hyperspectral remote sensing. <i>Precision Agriculture</i> , 2017, 18, 736-761.	6.0	65
7	Relative Efficiency of Zinc Sulfate and Zinc Oxide-Coated Urea in Rice-Wheat Cropping System. <i>Communications in Soil Science and Plant Analysis</i> , 2008, 39, 1154-1167.	1.4	32
8	Rhizospheric Flora and the Influence of Agronomic Practices on Them: A Review. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2013, 83, 1-14.	1.0	28
9	Zinc Fertilization of Cereals for Increased Production and Alleviation of Zinc Malnutrition in India. <i>Agricultural Research</i> , 2013, 2, 111-118.	1.7	25
10	EFFECT OF NEEM-OIL COATED PRILLED UREA WITH VARYING THICKNESS OF NEEM-OIL COATING AND NITROGEN RATES ON PRODUCTIVITY AND NITROGEN-USE EFFICIENCY OF LOWLAND IRRIGATED RICE UNDER INDO-GANGETIC PLAINS. <i>Journal of Plant Nutrition</i> , 2010, 33, 1939-1959.	1.9	23
11	Five years integrated crop management in direct seeded rice-zero till wheat rotation of north-western India: Effects on soil carbon dynamics, crop yields, water productivity and economic profitability. <i>Agriculture, Ecosystems and Environment</i> , 2021, 318, 107492.	5.3	23
12	Nutrient removal by rice-wheat cropping system as influenced by crop establishment techniques and fertilization options in conjunction with microbial inoculation. <i>Scientific Reports</i> , 2020, 10, 21944.	3.3	19
13	Influence of nitrogen levels and plant spacing on growth, productivity and quality of two inbred varieties and a hybrid of aromatic rice. <i>Archives of Agronomy and Soil Science</i> , 2008, 54, 515-532.	2.6	17
14	Physiological and molecular response under salinity stress in bread wheat (<i>Triticum aestivum</i> L.). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2020, 29, 125-133.	1.7	16
15	Impact of 12-year-long rice based organic farming on soil quality in terms of soil physical properties, available micronutrients and rice yield in a typical Ustochrept soil of India. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 2331-2348.	1.4	15
16	Conservation agriculture based integrated crop management sustains productivity and economic profitability along with soil properties of the maize-wheat rotation. <i>Scientific Reports</i> , 2022, 12, 1962.	3.3	12
17	Relative efficiency of diammonium phosphate and mussoorie rock phosphate on productivity and phosphorus balance in a rice-rapeseed-mungbean cropping system. <i>Nutrient Cycling in Agroecosystems</i> , 2010, 86, 199-209.	2.2	11
18	Development of Critical Values for the Leaf Color Chart, SPAD and Fieldscout CM 1000 for Fixed Time Adjustable Nitrogen Management in Aromatic Hybrid Rice (<i>Oryza sativa</i> L.). <i>Communications in Soil Science and Plant Analysis</i> , 2014, 45, 1877-1893.	1.4	10

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19	Water productivity and nutrient status of rice soil in response to cultivation techniques and nitrogen fertilization. <i>Paddy and Water Environment</i> , 2015, 13, 443-453.	1.8	10
20	Interaction effect of nitrogen, phosphorus, and zinc fertilization on growth, yield, and nutrient contents of aromatic rice varieties. <i>Journal of Plant Nutrition</i> , 2018, 41, 2344-2355.	1.9	8
21	Sulfur regulates iron uptake and iron use efficiency in bread and durum wheat. <i>Indian Journal of Plant Physiology</i> , 2016, 21, 189-196.	0.8	7
22	Agronomic evaluation of mulching and iron nutrition on productivity, nutrient uptake, iron use efficiency and economics of aerobic rice-wheat cropping system. <i>Journal of Plant Nutrition</i> , 2016, 39, 116-135.	1.9	7
23	Nitrogen nutrition and use efficiency in rice as influenced by crop establishment methods, cyanobacterial and phosphate solubilizing bacterial consortia and zinc fertilization. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 1487-1499.	1.4	7
24	Effect of potassium fertilization on water productivity, irrigation water use efficiency, and grain quality under direct seeded rice-wheat cropping system. <i>Journal of Plant Nutrition</i> , 2022, 45, 2023-2038.	1.9	7
25	Fertilizer Nitrogen, Phosphorus and Sulphur Prescription for Aromatic Hybrid Rice (<i>Oryza sativa</i> L.) using Targeted Yield Approach. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2014, 84, 537-547.	1.0	5
26	Water productivity, nutrients uptake and quality of aerobic rice as influenced by varieties and iron nutrition. <i>Paddy and Water Environment</i> , 2017, 15, 821-830.	1.8	5
27	Coating of essential oils onto prilled urea retards its nitrification in soil. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 96-105.	2.6	4
28	Zinc nutrition of rice as influenced by crop establishment methods, rates of nitrogen and phosphorus fertilization and inoculation with microbial consortia. <i>Journal of Plant Nutrition</i> , 2019, 42, 1967-1981.	1.9	3
29	Predicting Post-Harvest Soil Test Values in Hybrid Rice (<i>Oryza Sativa</i> L.) & Wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Ov <i>Science and Plant Analysis</i> , 2019, 50, 1624-1639.	1.4	3
30	Relative efficiency of sources of sulfur at varying rate of its application to wheat and rapeseed. <i>Archives of Agronomy and Soil Science</i> , 2007, 53, 103-112.	2.6	2
31	Relationship of Hyperspectral Reflectance Indices with Leaf N and P Concentration, Dry Matter Accumulation and Grain Yield of Wheat. <i>Journal of the Indian Society of Remote Sensing</i> , 2017, 45, 773-784.	2.4	2
32	Designing resource efficient integrated crop management modules for direct seeded rice-zero till wheat rotation of north western India: Impacts on system productivity, energy-nutrient-carbon dynamics. <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 1236-1250.	2.6	2
33	Effect of Crop Establishment Methods and Microbial Inoculations on Augmenting the Energy Efficiency and Nutritional Status of Rice and Wheat in Cropping System Mode. <i>Sustainability</i> , 2022, 14, 5986.	3.2	1
34	Dry matter production, seed yield and economics of French bean under different cropping system and irrigation regimes. <i>Indian Journal of Plant Physiology</i> , 2013, 18, 73-77.	0.8	0