

# 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	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. Archives of Agronomy and Soil Science, 2023, 69, 1236-1250.	2.6	2
2	Conservation agriculture based integrated crop management sustains productivity and economic profitability along with soil properties of the maize-wheat rotation. Scientific Reports, 2022, 12, 1962.	3.3	12
3	Effect of potassium fertilization on water productivity, irrigation water use efficiency, and grain quality under direct seeded rice-wheat cropping system. Journal of Plant Nutrition, 2022, 45, 2023-2038.	1.9	7
4	Effect of Crop Establishment Methods and Microbial Inoculations on Augmenting the Energy Efficiency and Nutritional Status of Rice and Wheat in Cropping System Mode. Sustainability, 2022, 14, 5986.	3.2	1
5	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. Agriculture, Ecosystems and Environment, 2021, 318, 107492.	5.3	23
6	Physiological and molecular response under salinity stress in bread wheat ( <i>Triticum aestivum</i> L.). Journal of Plant Biochemistry and Biotechnology, 2020, 29, 125-133.	1.7	16
7	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. Communications in Soil Science and Plant Analysis, 2020, 51, 2331-2348.	1.4	15
8	Nutrient removal by rice-wheat cropping system as influenced by crop establishment techniques and fertilization options in conjunction with microbial inoculation. Scientific Reports, 2020, 10, 21944.	3.3	19
9	Zinc nutrition of rice as influenced by crop establishment methods, rates of nitrogen and phosphorus fertilization and inoculation with microbial consortia. Journal of Plant Nutrition, 2019, 42, 1967-1981.	1.9	3
10	Predicting Post-Harvest Soil Test Values in Hybrid Rice ( <i>Oryza Sativa</i> L.) - Wheat ( <i>Triticum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Science and Plant Analysis, 2019, 50, 1624-1639.	1.4	3
11	Nitrogen nutrition and use efficiency in rice as influenced by crop establishment methods, cyanobacterial and phosphate solubilizing bacterial consortia and zinc fertilization. Communications in Soil Science and Plant Analysis, 2019, 50, 1487-1499.	1.4	7
12	Interaction effect of nitrogen, phosphorus, and zinc fertilization on growth, yield, and nutrient contents of aromatic rice varieties. Journal of Plant Nutrition, 2018, 41, 2344-2355.	1.9	8
13	Coating of essential oils onto prilled urea retards its nitrification in soil. Archives of Agronomy and Soil Science, 2017, 63, 96-105.	2.6	4
14	Water productivity, nutrients uptake and quality of aerobic rice as influenced by varieties and iron nutrition. Paddy and Water Environment, 2017, 15, 821-830.	1.8	5
15	Monitoring nitrogen, phosphorus and sulphur in hybrid rice ( <i>Oryza sativa</i> L.) using hyperspectral remote sensing. Precision Agriculture, 2017, 18, 736-761.	6.0	65
16	Relationship of Hyperspectral Reflectance Indices with Leaf N and P Concentration, Dry Matter Accumulation and Grain Yield of Wheat. Journal of the Indian Society of Remote Sensing, 2017, 45, 773-784.	2.4	2
17	Sulfur regulates iron uptake and iron use efficiency in bread and durum wheat. Indian Journal of Plant Physiology, 2016, 21, 189-196.	0.8	7
18	Agronomic evaluation of mulching and iron nutrition on productivity, nutrient uptake, iron use efficiency and economics of aerobic rice-wheat cropping system. Journal of Plant Nutrition, 2016, 39, 116-135.	1.9	7

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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	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
21	Agronomic Biofortification of Cereal Grains with Iron and Zinc. <i>Advances in Agronomy</i> , 2014, 125, 55-91.	5.2	121
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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