

# Mukesh Choudhary

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

830  
citations

840776

11  
h-index

552781

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

534  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy metal incorporation in foraminiferal calcite under variable environmental and acute level seawater pollution: multi-element culture experiments for <i>Amphisorus hemprichii</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 3826-3839.	5.3	2
2	Quantitative Trait Loci for Heat Stress Tolerance in <i>Brassica rapa</i> L. Are Distributed across the Genome and Occur in Diverse Genetic Groups, Flowering Phenologies and Morphotypes. <i>Genes</i> , 2022, 13, 296.	2.4	1
3	How do plants defend themselves against pathogens-Biochemical mechanisms and genetic interventions. <i>Physiology and Molecular Biology of Plants</i> , 2022, 28, 485-504.	3.1	95
4	Impacts, Tolerance, Adaptation, and Mitigation of Heat Stress on Wheat under Changing Climates. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2838.	4.1	55
5	Genetic Diversity, Population Structure and Linkage Disequilibrium Analyses in Tropical Maize Using Genotyping by Sequencing. <i>Plants</i> , 2022, 11, 799.	3.5	11
6	Molecular mechanisms, genetic mapping, and genome editing for insect pest resistance in field crops. <i>Theoretical and Applied Genetics</i> , 2022, 135, 3875-3895.	3.6	12
7	Salinity stress tolerance and omics approaches: revisiting the progress and achievements in major cereal crops. <i>Heredity</i> , 2022, 128, 497-518.	2.6	34
8	Population Structure Analysis and Association Mapping for Turicum Leaf Blight Resistance in Tropical Maize Using SSR Markers. <i>Genes</i> , 2022, 13, 618.	2.4	9
9	Pangenomics in Microbial and Crop Research: Progress, Applications, and Perspectives. <i>Genes</i> , 2022, 13, 598.	2.4	9
10	Heat Stress during Meiosis Has Lasting Impacts on Plant Growth and Reproduction in Wheat (Triticum) Tj ETQq0 0.0 rgBT /Overlock 10	3.0	7
11	Wheat Proteomics for Abiotic Stress Tolerance and Root System Architecture: Current Status and Future Prospects. <i>Proteomes</i> , 2022, 10, 17.	3.5	14
12	Maize microbiome: current insights for the sustainable agriculture. , 2021, , 267-297.		10
13	Isolation of genes/quantitative trait loci for drought stress tolerance in maize.. , 2021, , 267-281.		0
14	Coping with low moisture stress: Remembering and responding. <i>Physiologia Plantarum</i> , 2021, 172, 1162-1169.	5.2	6
15	<i>Heterosis in Genomic Era: Advances in the Molecular Understanding and Techniques for Rapid Exploitation</i>. <i>Critical Reviews in Plant Sciences</i> , 2021, 40, 218-242.	5.7	8
16	Skim sequencing: an advanced NGS technology for crop improvement. <i>Journal of Genetics</i> , 2021, 100, 1.	0.7	10
17	Meta-analysis of QTLs associated with popping traits in maize ( <i>Zea mays</i> L.). <i>PLoS ONE</i> , 2021, 16, e0256389.	2.5	23
18	Harnessing the Wild Relatives and Landraces for Fe and Zn Biofortification in Wheat through Genetic Interventionsâ€™A Review. <i>Sustainability</i> , 2021, 13, 12975.	3.2	3

#	ARTICLE	IF	CITATIONS
19	Nitrogen use efficiency (NUE): elucidated mechanisms, mapped genes and gene networks in maize ( <i>Zea mays</i> ) Tj ETQq1 1 0.784314 rgBT /Ov	3.1	14
20	Enabling technologies for utilization of maize as a bioenergy feedstock. <i>Biofuels, Bioproducts and Biorefining</i> , 2020, 14, 402-416.	3.7	18
21	Genetically modified crops: current status and future prospects. <i>Planta</i> , 2020, 251, 91.	3.2	218
22	Recent Advances in Genomics Assisted Breeding for Drought Stress Tolerance in Major Cereals. <i>Journal of Cereal Research</i> , 2020, 12, .	0.1	12
23	GGE biplot analysis of genotype $\times$ environment interaction and identification of mega-environment for baby corn hybrids evaluation in India. <i>Indian Journal of Genetics and Plant Breeding</i> , 2020, 79, .	0.5	7
24	Green Production Strategies. , 2019, , 492-500.		4
25	QTLian breeding for climate resilience in cereals: progress and prospects. <i>Functional and Integrative Genomics</i> , 2019, 19, 685-701.	3.5	34
26	Marker-Assisted Breeding for Abiotic Stress Tolerance in Crop Plants. , 2018, , 1-23.		8
27	Harnessing Crop Wild Relatives for Crop Improvement. <i>LS International Journal of Life Sciences</i> , 2017, 6, 73.	0.2	17
28	An Overview on Molecular Basis of Genetic Recombination. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2017, 6, 1154-1167.	0.1	1
29	Microsatellite marker-based genetic diversity analyses of novel maize inbreds possessing rare allele of $\beta$ -carotene hydroxylase ( <i>crtRB1</i> ) for their utilization in $\beta$ -carotene enrichment. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2016, 25, 12-20.	1.7	19
30	DUS characterization and diversity assessment in pearl millet inbreds. <i>Electronic Journal of Plant Breeding</i> , 2016, 7, 925.	0.1	2
31	Popping quality attributes of popcorn hybrids in relation to weevil ( <i>Sitophilus oryzae</i> ) infestation. <i>Indian Journal of Genetics and Plant Breeding</i> , 2015, 75, 510.	0.5	11
32	Development of $\beta$ -Carotene Rich Maize Hybrids through Marker-Assisted Introgression of $\beta$ -carotene hydroxylase Allele. <i>PLoS ONE</i> , 2014, 9, e113583.	2.5	154
33	Assessment of Genetic Diversity in Rice ( <i>Oryza sativa</i> L.) under Irrigated and Drought Stress Condition. <i>Current Journal of Applied Science and Technology</i> , 0, , 112-125.	0.3	2