

Kuldeep Tripathi

List of Publications by Year in descending order

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221
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#	ARTICLE	IF	CITATIONS
1	Yellow Mosaic Disease (YMD) of Mungbean (<i>Vigna radiata</i> (L.) Wilczek): Current Status and Management Opportunities. <i>Frontiers in Plant Science</i> , 2020, 11, 918.	3.6	38
2	Identification of novel resistant sources for ascochyta blight (<i>Ascochyta rabiei</i>) in chickpea. <i>PLoS ONE</i> , 2020, 15, e0240589.	2.5	32
3	Genome-Wide Association Analysis for Phosphorus Use Efficiency Traits in Mungbean (<i>Vigna radiata</i> L.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.6	28
4	Delineating taxonomic identity of two closely related <i>Vigna</i> species of section <i>Aconitifoliae</i> : <i>V. trilobata</i> (L.) Verdc. and <i>V. stipulacea</i> (Lam.) Kuntz in India. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 1155-1165.	1.6	22
5	Genetic resources of pulse crops in India: An overview. <i>Indian Journal of Genetics and Plant Breeding</i> , 2016, 76, 420.	0.5	22
6	Identification and characterization of novel pentaâ€podded genotypes in the cultivated lentil. <i>Crop Science</i> , 2020, 60, 1974-1985.	1.8	21
7	Agro-Morphological Characterization of Lentil Germplasm of Indian National Genebank and Development of a Core Set for Efficient Utilization in Lentil Improvement Programs. <i>Frontiers in Plant Science</i> , 2021, 12, 751429.	3.6	19
8	Diversity in Phytochemical Composition, Antioxidant Capacities, and Nutrient Contents Among Mungbean and Lentil Microgreens When Grown at Plain-Altitude Region (Delhi) and High-Altitude Region (Leh-Ladakh), India. <i>Frontiers in Plant Science</i> , 2021, 12, 710812.	3.6	18
9	Insights into the Host-Pathogen Interaction Pathways through RNA-Seq Analysis of <i>Lens culinaris</i> Medik. in Response to <i>Rhizoctonia bataticola</i> Infection. <i>Genes</i> , 2022, 13, 90.	2.4	18
10	Rediscovering the Potential of Multifaceted Orphan Legume Grasspea- a Sustainable Resource With High Nutritional Values. <i>Frontiers in Nutrition</i> , 2021, 8, 826208.	3.7	15
11	Growth and Antioxidant Responses in Iron-Biofortified Lentil under Cadmium Stress. <i>Toxics</i> , 2021, 9, 182.	3.7	13
12	Development, Characterization, and Cross Species/Genera Transferability of Novel EST-SSR Markers in Lentil, with Their Molecular Applications. <i>Plant Molecular Biology Reporter</i> , 2020, 38, 114-129.	1.8	12
13	Understanding genetic variability in the mungbean (<i>Vigna radiata</i> L.) gene pool. <i>Annals of Applied Biology</i> , 2020, 177, 346-357.	2.5	12
14	Genetic Dissection of Phosphorous Uptake and Utilization Efficiency Traits Using GWAS in Mungbean. <i>Agronomy</i> , 2021, 11, 1401.	3.0	11
15	Morphological, Molecular, and Biochemical Characterization of a Unique Lentil (<i>Lens culinaris</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.5	11
16	Evaluation of wheat landraces of north-western Himalaya against rice weevil, <i>Sitophilus oryzae</i> L. vis-Ã-vis physical seed parameters. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2017, 15, 321-326.	0.8	9
17	Seed morphology, quality traits and imbibition behaviour study of atypical lentil (<i>Lens culinaris</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.6	9
18	Morphological and nutritional assessment of <i>Vigna vexillata</i> (L.) A. Rich.: a potential tuberous legume of India. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 397-408.	1.6	9

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19	Genotype by Environment Interaction Effect on Grain Iron and Zinc Concentration of Indian and Mediterranean Lentil Genotypes. <i>Agronomy</i> , 2021, 11, 1761.	3.0	9
20	Root Trait Variation in Lentil (<i>Lens culinaris</i> Medikus) Germplasm under Drought Stress. <i>Plants</i> , 2021, 10, 2410.	3.5	8
21	Understanding G × E Interaction for Nutritional and Antinutritional Factors in a Diverse Panel of <i>Vigna stipulacea</i> (Lam.) Kuntz Germplasm Tested Over the Locations. <i>Frontiers in Plant Science</i> , 2021, 12, 766645.	3.6	7
22	Genetic Variation for Traits Related to Phosphorus Use Efficiency in Lens Species at the Seedling Stage. <i>Plants</i> , 2021, 10, 2711.	3.5	7
23	Lentil Breeding. , 2022, , 1181-1236.		7
24	Evaluation of diverse germplasm of cowpea [<i>Vigna unguiculata</i> (L.) Walp.] against bruchid [<i>Callosobruchus maculatus</i> (Fab.)] and correlation with physical and biochemical parameters of seed. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2020, 18, 120-129.	0.8	6
25	Insights into the genetic diversity of an underutilized Indian legume, <i>Vigna stipulacea</i> (Lam.) Kuntz., using morphological traits and microsatellite markers. <i>PLoS ONE</i> , 2022, 17, e0262634.	2.5	6
26	A note on distribution and potential of Japanese wild adzuki bean [<i>Vigna angularis</i> var. <i>nipponensis</i> (Ohwi) Ohwi and H. Ohashi] in India. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 2157-2166.	1.6	5
27	Deciphering Morpho-taxonomic Variability in <i>Lathyrus</i> Species. <i>Indian Journal of Plant Genetic Resources</i> , 2021, 34, 279-289.	0.1	5
28	Genotypic variation in root architectural traits under contrasting phosphorus levels in Mediterranean and Indian origin lentil genotypes. <i>PeerJ</i> , 2022, 10, e12766.	2.0	5
29	Evaluation and Multivariate Analysis of Cowpea [<i>Vigna unguiculata</i> (L.) Walp] Germplasm for Selected Nutrients—Mining for Nutri-Dense Accessions. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	3.9	5
30	Variation in P-acquisition ability and acid phosphatase activity at the early vegetative stage of lentil and their validation on P-deficiency field. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	2.1	4
31	First Report of a Novel Multi-flowering Germplasm with Fasciated Stem in Lentil (<i>Lens culinaris</i>) Tj ETQq1 1 0.784314 _{0.1} rgBT /Overlock 3		3
32	Identification and revealing the potential traits of the unique germplasm with extended funiculus in pea (<i>Pisum sativum</i> L.). <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 3125-3132.	1.6	3
33	Screening of cowpea [<i>Vigna unguiculata</i> (L.) Walp.] accessions against pulse-beetle, <i>Callosobruchus chinensis</i> (L.). <i>Legume Research</i> , 2015, 38, .	0.1	3
34	Cowpea genetic resources and its utilization: Indian perspective – A review. <i>Legume Research</i> , 2019, , .	0.1	3
35	Understanding genetic diversity in blackgram [<i>Vigna mungo</i> (L.) Hepper] collections of Indian National Genebank. <i>Genetic Resources and Crop Evolution</i> , 2022, 69, 1229.	1.6	3
36	Identification and development of key descriptors for phenotypic characterization of tuber cowpea [<i>Vigna vexillata</i> (L.) A. Rich.]. <i>Genetic Resources and Crop Evolution</i> , 2022, 69, 1375-1389.	1.6	3

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37	Population structure and genetic diversity of wheat landraces from northwestern Indian Himalaya. Indian Journal of Plant Genetic Resources, 2018, 31, 169.	0.1	2
38	Automatic Detection of Cowpea leaves Using Image Processing and Inception-V3 Model of Deep Learning. , 2021, , .		2
39	Field Pea Breeding. , 2022, , 1237-1321.		2
40	Mungbean Breeding. , 2022, , 1097-1149.		2
41	Legume Genetic Resources: Status and Opportunities for Sustainability. , 2020, , .		1
42	Genetic Resources. , 2022, , 109-149.		1
43	Genetic diversity in wild <i>Lens</i> spp. using inter simple sequence repeat (ISSR) marker. Legume Research, 2015, 38, .	0.1	0