Kuldeep Tripathi

List of Publications by Year
in descending order

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43 papers	422 citations	840776 11 h-index	996975 15 g-index
46 all docs	46 docs citations	46 times ranked	221 citing authors

#	Article	IF	Citations
1	Understanding genetic diversity in blackgram [Vigna mungo (L.) Hepper] collections of Indian National Genebank. Genetic Resources and Crop Evolution, 2022, 69, 1229.	1.6	3
2	Genetic Resources. , 2022, , 109-149.		1
3	Identification and development of key descriptors for phenotypic characterization of tuber cowpea [Vigna vexillata (L.) A. Rich.]. Genetic Resources and Crop Evolution, 2022, 69, 1375-1389.	1.6	3
4	Insights into the genetic diversity of an underutilized Indian legume, Vigna stipulacea (Lam.) Kuntz., using morphological traits and microsatellite markers. PLoS ONE, 2022, 17, e0262634.	2.5	6
5	Genotypic variation in root architectural traits under contrasting phosphorus levels in Mediterranean and Indian origin lentil genotypes. PeerJ, 2022, 10, e12766.	2.0	5
6	Insights into the Host-Pathogen Interaction Pathways through RNA-Seq Analysis of Lens culinaris Medik. in Response to Rhizoctonia bataticola Infection. Genes, 2022, 13, 90.	2.4	18
7	Field Pea Breeding. , 2022, , 1237-1321.		2
8	Lentil Breeding. , 2022, , 1181-1236.		7
9	Mungbean Breeding. , 2022, , 1097-1149.		2
10	Evaluation and Multivariate Analysis of Cowpea [Vigna unguiculata (L.) Walp] Germplasm for Selected Nutrientsâ€"Mining for Nutri-Dense Accessions. Frontiers in Sustainable Food Systems, 2022, 6, .	3.9	5
11	Morphological, Molecular, and Biochemical Characterization of a Unique Lentil (Lens culinaris) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2022, 11, 1815.	3.5	11
12	Morphological and nutritional assessment of Vigna vexillata (L.) A. Rich.: a potential tuberous legume of India. Genetic Resources and Crop Evolution, 2021, 68, 397-408.	1.6	9
13	First Report of a Novel Multi-flowering Germplasm with Fasciated Stem in Lentil (Lens culinaris) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.1	3
14	A note on distribution and potential of Japanese wild adzuki bean [Vigna angularis var. nipponensis (Ohwi) Ohwi and H. Ohashi] in India. Genetic Resources and Crop Evolution, 2021, 68, 2157-2166.	1.6	5
15	Variation in P-acquisition ability and acid phosphatase activity at the early vegetative stage of lentil and their validation on P-deficiency field. Acta Physiologiae Plantarum, 2021, 43, 1.	2.1	4
16	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. Frontiers in Plant Science, 2021, 12, 710812.	3.6	18
17	Growth and Antioxidant Responses in Iron-Biofortified Lentil under Cadmium Stress. Toxics, 2021, 9, 182.	3.7	13
18	Genetic Dissection of Phosphorous Uptake and Utilization Efficiency Traits Using GWAS in Mungbean. Agronomy, 2021, 11, 1401.	3.0	11

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19	Genotype by Environment Interaction Effect on Grain Iron and Zinc Concentration of Indian and Mediterranean Lentil Genotypes. Agronomy, 2021, 11, 1761.	3.0	9
20	Identification and revealing the potential traits of the unique germplasm with extended funiculus in pea (Pisum sativum L.). Genetic Resources and Crop Evolution, 2021, 68, 3125-3132.	1.6	3
21	Root Trait Variation in Lentil (Lens culinaris Medikus) Germplasm under Drought Stress. Plants, 2021, 10, 2410.	3.5	8
22	Automatic Detection of Cowpea leaves Using Image Processing and Inception-V3 Model of Deep Learning. , 2021, , .		2
23	Agro-Morphological Characterization of Lentil Germplasm of Indian National Genebank and Development of a Core Set for Efficient Utilization in Lentil Improvement Programs. Frontiers in Plant Science, 2021, 12, 751429.	3.6	19
24	Understanding G Ã— E Interaction for Nutritional and Antinutritional Factors in a Diverse Panel of Vigna stipulacea (Lam.) Kuntz Germplasm Tested Over the Locations. Frontiers in Plant Science, 2021, 12, 766645.	3.6	7
25	Deciphering Morpho-taxonomic Variability in Lathyrus Species. Indian Journal of Plant Genetic Resources, 2021, 34, 279-289.	0.1	5
26	Rediscovering the Potential of Multifaceted Orphan Legume Grasspea- a Sustainable Resource With High Nutritional Values. Frontiers in Nutrition, 2021, 8, 826208.	3.7	15
27	Genetic Variation for Traits Related to Phosphorus Use Efficiency in Lens Species at the Seedling Stage. Plants, 2021, 10, 2711.	3.5	7
28	Development, Characterization, and Cross Species/Genera Transferability of Novel EST-SSR Markers in Lentil, with Their Molecular Applications. Plant Molecular Biology Reporter, 2020, 38, 114-129.	1.8	12
29	Understanding genetic variability in the mungbean (<scp>Vigna radiata</scp> L.) genepool. Annals of Applied Biology, 2020, 177, 346-357.	2.5	12
30	Genome-Wide Association Analysis for Phosphorus Use Efficiency Traits in Mungbean (Vigna radiata L.) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	28
31	Evaluation of diverse germplasm of cowpea [Vigna unguiculata(L.) Walp.] against bruchid [Callosobruchus maculatus(Fab.)] and correlation with physical and biochemical parameters of seed. Plant Genetic Resources: Characterisation and Utilisation, 2020, 18, 120-129.	0.8	6
32	Legume Genetic Resources: Status and Opportunities for Sustainability. , 2020, , .		1
33	Yellow Mosaic Disease (YMD) of Mungbean (Vigna radiata (L.) Wilczek): Current Status and Management Opportunities. Frontiers in Plant Science, 2020, 11, 918.	3.6	38
34	Identification and characterization of novel pentaâ€podded genotypes in the cultivated lentil. Crop Science, 2020, 60, 1974-1985.	1.8	21
35	Identification of novel resistant sources for ascochyta blight (Ascochyta rabiei) in chickpea. PLoS ONE, 2020, 15, e0240589.	2.5	32
36	Delineating taxonomic identity of two closely related Vigna species of section Aconitifoliae: V. trilobata (L.) Verdc. and V. stipulacea (Lam.) Kuntz in India. Genetic Resources and Crop Evolution, 2019, 66, 1155-1165.	1.6	22

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37	Seed morphology, quality traits and imbibition behaviour study of atypical lentil (Lens culinaris) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	9
38	Cowpea genetic resources and its utilization: Indian perspective â€“ A review. Legume Research, 2019, , .	0.1	3
39	Population structure and genetic diversity of wheat landraces from northwestern Indian Himalaya. Indian Journal of Plant Genetic Resources, 2018, 31, 169.	0.1	2
40	Evaluation of wheat landraces of north-western Himalaya against rice weevil,Sitophilus oryzaeL. vis-Ã-vis physical seed parameters. Plant Genetic Resources: Characterisation and Utilisation, 2017, 15, 321-326.	0.8	9
41	Genetic resources of pulse crops in India: An overview. Indian Journal of Genetics and Plant Breeding, 2016, 76, 420.	0.5	22
42	Screening of cowpea [<italic>Vigna unguiculata</italic> (L.) Walp.] accessions against pulse-beetle, <italic>Callosobruchus chinensis</italic> (L.). Legume Research, 2015, 38, .	0.1	3
43	Genetic diversity in wild <italic>Lens</italic> spp. using inter simple sequence repeat (ISSR) marker. Legume Research, 2015, 38, .	0.1	0