

# Aditya Pratap

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

1,711  
citations

361413

20  
h-index

345221

36  
g-index

83  
all docs

83  
docs citations

83  
times ranked

1304  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Species diversity, phylogeny and evidence of recombination in begomoviruses associated with yellow mosaic disease of moth bean ( <i>Vigna aconitifolia</i> ) in South India. <i>Journal of Phytopathology</i> , 2022, 170, 300-314.	1.0	3
4	Genomic Designing for Abiotic Stress Tolerance in Mungbean and Urdbean. , 2022, , 271-343.		1
5	Genome-Wide Analysis of Late Embryogenesis Abundant Protein Gene Family in <i>Vigna</i> Species and Expression of VrLEA Encoding Genes in <i>Vigna glabrescens</i> Reveal Its Role in Heat Tolerance. <i>Frontiers in Plant Science</i> , 2022, 13, 843107.	3.6	9
6	Editorial: Accelerating Genetic Gains in Pulses. <i>Frontiers in Plant Science</i> , 2022, 13, 879377.	3.6	5
7	Mungbean Breeding. , 2022, , 1097-1149.		2
8	Genetic Enhancement in Mungbean ( <i>Vigna radiata</i> ) as Revealed by Genome-Wide Mapped Microsatellite Markers. <i>Agricultural Research</i> , 2021, 10, 369-377.	1.7	5
9	Urdbean. , 2021, , 33-54.		5
10	Mungbean. , 2021, , 1-32.		6
11	Assessment of root phenotypes in mungbean mini-core collection (MMC) from the World Vegetable Center (AVRDC) Taiwan. <i>PLoS ONE</i> , 2021, 16, e0247810.	2.5	15
12	Improving Drought Tolerance in Mungbean ( <i>Vigna radiata</i> L. Wilczek): Morpho-Physiological, Biochemical and Molecular Perspectives. <i>Agronomy</i> , 2021, 11, 1534.	3.0	19
13	Screening of endemic wild <i>Vigna</i> accessions for resistance to three bruchid species. <i>Journal of Stored Products Research</i> , 2021, 93, 101864.	2.6	7
14	Genetic diversity and population genetic structure analysis of an extensive collection of wild and cultivated <i>Vigna</i> accessions. <i>Molecular Genetics and Genomics</i> , 2021, 296, 1337-1353.	2.1	7
15	Microsatellite-based association mapping for agronomic traits in mungbean ( <i>Vigna radiata</i> L. Wilczek). <i>Journal of Genetics</i> , 2021, 100, 1.	0.7	6
16	Association Mapping for Yield Attributing Traits and Yellow Mosaic Disease Resistance in Mung Bean [ <i>Vigna radiata</i> (L.) Wilczek]. <i>Frontiers in Plant Science</i> , 2021, 12, 749439.	3.6	5
17	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
18	Halopriming Imparts Salt Tolerance by Reducing Oxidative, Osmotic Stress and DNA Damage in Five Different Legume Varieties. <i>Legume Research</i> , 2021, , .	0.1	3

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19	Association mapping for mungbean yellow mosaic India virus resistance in mungbean ( <i>Vigna radiata</i> L.) Tj ETQq1 1.0.784314 rgBT /Overlock	2.2	18
20	Delineating Genotype-Environment interactions towards durable resistance in mungbean against <i>Cercospora</i> leaf spot ( <i>Cercospora canescens</i> ) using GGE biplot. <i>Plant Breeding</i> , 2020, 139, 639-650.	1.9	17
21	Delineation of Genotype-by-Environment interactions for identification and validation of resistant genotypes in mungbean to root-knot nematode ( <i>Meloidogyne incognita</i> ) using GGE biplot. <i>Scientific Reports</i> , 2020, 10, 4108.	3.3	20
22	Current Perspectives on Introgression Breeding in Food Legumes. <i>Frontiers in Plant Science</i> , 2020, 11, 589189.	3.6	52
23	Breeding Progress and Future Challenges: Biotic Stresses. <i>Compendium of Plant Genomes</i> , 2020, , 55-80.	0.5	24
24	Breeding Progress and Future Challenges: Abiotic Stresses. <i>Compendium of Plant Genomes</i> , 2020, , 81-96.	0.5	15
25	Molecular and Conventional Breeding Strategies for Improving Biotic Stress Resistance in Common Bean. , 2020, , 389-421.		7
26	Mungbean And High-Temperature Stress: Responses And Strategies To Improve Heat Tolerance. , 2020, , 144-170.		1
27	Biotic and Abiotic Constraints in Mungbean Production-Progress in Genetic Improvement. <i>Frontiers in Plant Science</i> , 2019, 10, 1340.	3.6	120
28	Breeding for Enhancing Legumovirus Resistance in Mungbean: Current Understanding and Future Directions. <i>Agronomy</i> , 2019, 9, 622.	3.0	16
29	Towards Development of Climate Smart Mungbean: Challenges and Opportunities. , 2019, , 235-264.		18
30	Using Plant Phenomics to Exploit the Gains of Genomics. <i>Agronomy</i> , 2019, 9, 126.	3.0	44
31	Crop Genetic Biodiversity with Special Reference to Oilseed Brassicas and Wild Allies: Conservation and Their Utilization. <i>Sustainability in Plant and Crop Protection</i> , 2019, , 47-62.	0.4	0
32	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
33	Physiological Traits for Shortening Crop Duration and Improving Productivity of Greengram ( <i>Vigna</i> ) Tj ETQq1 1.0.784314 rgBT /Overlock	3.6	28
34	Potential, constraints and applications of in vitro methods in improving grain legumes. <i>Plant Breeding</i> , 2018, 137, 235-249.	1.9	36
35	Variation in pre-harvest sprouting tolerance and fresh seed germination in mungbean ( <i>Vigna</i> ) Tj ETQq1 1.0.784314 rgBT /Overlock	0.8	22
36	Genetic and Genomic Approaches for Improvement in Mungbean ( <i>Vigna radiata</i> L.). , 2018, , 175-189.		3

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37	Field characterization of endemic wild <i>Vigna</i> accessions collected from biodiversity hotspots of India to identify promising genotypes for multiple agronomic and adaptive traits. <i>Indian Journal of Agricultural Research</i> , 2018, , .	0.1	0
38	Field characterization of endemic wild <i>Vigna</i> accessions collected from biodiversity hotspots of India to identify promising genotypes for multiple agronomic and adaptive traits. <i>Legume Research</i> , 2018, , .	0.1	0
39	Breeding for Insect Resistance in Mung Bean and Urd Bean. , 2017, , 353-385.		3
40	Marker-assisted introgression of resistance to fusarium wilt race 2 in Pusa 256, an elite cultivar of desi chickpea. <i>Molecular Genetics and Genomics</i> , 2017, 292, 1237-1245.	2.1	61
41	Improving food legumes of semi-arid tropics for the benefit of smallholder farmers: Status and way forward. <i>Current Advances in Agricultural Sciences(an International Journal)</i> , 2017, 9, 190.	0.0	0
42	Soybean. , 2016, , 293-315.		17
43	Cross- $\infty$ genera amplification of informative microsatellite markers from common bean and scarlet runner bean for assessment of genetic diversity in mungbean ( <i>Vigna radiata</i> ). <i>Plant Breeding</i> , 2016, 135, 499-505.	1.9	16
44	Food Legumes for Nutritional Security and Health Benefits. , 2016, , 41-50.		15
45	Pre- and Post-harvest Management of Physical and Nutritional Quality of Pulses. , 2016, , 421-431.		2
46	Genetic improvement of mungbean and urdbean and their role in enhancing pulse production in India. <i>Indian Journal of Genetics and Plant Breeding</i> , 2016, 76, 550.	0.5	23
47	Phenomics in Crop Plants: Trends, Options and Limitations. , 2015, , .		29
48	Genome scanning of Asiatic <i>Vigna</i> species for discerning population genetic structure based on microsatellite variation. <i>Molecular Breeding</i> , 2015, 35, 1.	2.1	29
49	Plant Phenomics: An Overview. , 2015, , 1-10.		14
50	High-Throughput Plant Phenotyping Platforms. , 2015, , 285-296.		7
51	Phenotyping Crop Plants for Drought and Heat-Related Traits. , 2015, , 89-100.		3
52	Online database and information system for mungbean germplasm. <i>Legume Research</i> , 2015, , .	0.1	0
53	Evaluation of wild species of lentil for agro-morphological traits. <i>Legume Research</i> , 2014, 37, 11.	0.1	11
54	<i>Vigna</i> . , 2014, , 163-189.		14

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55	Alien Gene Transfer in Crop Plants, Volume 2. , 2014, , .		10
56	Lentil. , 2014, , 191-205.		3
57	Alien Gene Transfer in Crop Plants: An Introduction. , 2014, , 1-23.		2
58	Alien Gene Transfer in Crop Plants, Volume 1. , 2014, , .		2
59	Identification and characterization of sources for photoâ€and thermoâ€insensitivity in <i>Vigna</i> species. Plant Breeding, 2014, 133, 756-764.	1.9	35
60	Towards Enriching Genomic Resources in Legumes. , 2014, , 221-248.		3
61	Genomics in Studying the Legume Genome Evolution. , 2014, , 287-300.		1
62	Evaluation of Screening Methods for Bruchid Beetle (<i>Callosobruchus chinensis</i>) resistance in Greengram (<i>Vigna radiata</i>) and Blackgram (<i>Vigna mungo</i>) genotypes and influence of seed physical characteristics on its infestation. Vegetos, 2014, 27, 60.	1.5	19
63	Achievements and prospects of genomics-assisted breeding in three legume crops of the semi-arid tropics. Biotechnology Advances, 2013, 31, 1120-1134.	11.7	289
64	Inheritance and molecular tagging of MYMIV resistance gene in blackgram (Vigna mungo L. Hepper). Euphytica, 2013, 193, 27-37.	1.2	50
65	Characterization of a new begomovirus and a beta satellite associated with the leaf curl disease of French bean in northern India. Virus Genes, 2013, 46, 120-127.	1.6	20
66	Genomic resources for improving food legume crops. Journal of Agricultural Science, 2012, 150, 289-318.	1.3	41
67	Soybean. , 2012, , 293-321.		22
68	Hybrid Technology. , 2012, , 1-21.		1
69	Towards markerâ€assisted selection in pulses: a review. Plant Breeding, 2011, 130, 297-313.	1.9	156
70	History, origin and evolution.. , 2011, , 1-18.		5
71	First report of natural infection of <i>Mungbean yellow mosaic India virus</i> in two wild species of <i>Vigna</i>. New Disease Reports, 2011, 23, 21-21.	0.8	22
72	Biotechnological Interventions in Host Plant Resistance. , 2009, , 183-206.		2

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73	Microsporogenesis and Haploidy Breeding. , 2009, , 293-307.		6
74	Biology and Ecology of Wild Crucifers. , 2009, , 37-67.		13
75	History, Origin, and Evolution. Advances in Botanical Research, 2007, 45, 1-20.	1.1	39
76	Breeding Methods. Advances in Botanical Research, 2007, 45, 21-48.	1.1	7
77	Relative Efficiency of Anther Culture and Chromosome Elimination Techniques for Haploid Induction in Triticale $\bar{A}$ – Wheat and Triticale $\bar{A}$ – Triticale Hybrids. Euphytica, 2006, 150, 339-345.	1.2	31
78	Efficient haploid induction in wheat by using pollen of Imperata cylindrica. Plant Breeding, 2005, 124, 96-98.	1.9	57
79	Relative efficiency of different Gramineae genera for haploid induction in triticale and triticale x wheat hybrids through the chromosome elimination technique. Plant Breeding, 2005, 124, 147-153.	1.9	49
80	Resistance status of mungbean ( <i>Vigna radiata</i> (L.) Wilczek) advanced breeding materials against mungbean yellow mosaic India virus. Archives of Phytopathology and Plant Protection, 0, , 1-14.	1.3	1