

# Nikhil Malhotra

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

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citations

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide Identification and Characterization of Heat Shock Protein Family Reveals Role in Development and Stress Conditions in <i>Triticum aestivum</i> L.. Scientific Reports, 2020, 10, 7858.	3.3	44
2	Next-generation sequencing (NGS) transcriptomes reveal association of multiple genes and pathways contributing to secondary metabolites accumulation in tuberous roots of <i>Aconitum heterophyllum</i> Wall.. Planta, 2015, 242, 239-258.	3.2	34
3	Evaluation and identification of wild lentil accessions for enhancing genetic gains of cultivated varieties. PLoS ONE, 2020, 15, e0229554.	2.5	34
4	Buckwheat ( <i>Fagopyrum</i> sp.) genetic resources: What can they contribute towards nutritional security of changing world?. Genetic Resources and Crop Evolution, 2020, 67, 1639-1658.	1.6	28
5	Transgressive segregations for agronomic improvement using interspecific crosses between <i>C. arietinum</i> L. x <i>C. reticulatum</i> Ladiz. and <i>C. arietinum</i> L. x <i>C. echinospermum</i> Davis species. PLoS ONE, 2018, 13, e0203082.	2.5	25
6	Multiple genes of mevalonate and non-mevalonate pathways contribute to high aconites content in an endangered medicinal herb, <i>Aconitum heterophyllum</i> Wall. Phytochemistry, 2014, 108, 26-34.	2.9	20
7	Widening the genetic base of cultivated gene pool following introgression from wild <i>Lens</i> taxa. Plant Breeding, 2018, 137, 470-485.	1.9	20
8	Mining whole genomes and transcriptomes of <i>Jatropha</i> ( <i>Jatropha curcas</i> ) and Castor bean ( <i>Ricinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Biology Reports, 2014, 41, 7683-7695.	2.3	16
9	Molecular dissection of pathway components unravel atisine biosynthesis in a non-toxic <i>Aconitum</i> species, <i>A. heterophyllum</i> Wall. 3 Biotech, 2016, 6, 106.	2.2	13
10	Broadening the genetic base of cultivated chickpea following introgression of wild <i>Cicer</i> species-progress, constraints and prospects. Genetic Resources and Crop Evolution, 2021, 68, 2181-2205.	1.6	12
11	Genetic Resources: Collection, Conservation, Characterization and Maintenance. , 2019, , 21-41.		11
12	Effect of Salicylic Acid on the Activity of PAL and PHB Geranyltransferase and Shikonin Derivatives Production in Cell Suspension Cultures of <i>Arnebia euchroma</i> (Royle) Johnston" a Medicinally Important Plant Species. Applied Biochemistry and Biotechnology, 2014, 173, 248-258.	2.9	9
13	Global production, demand, and supply. , 2021, , 7-18.		9
14	Chickpea genetic resources: collection, conservation, characterization, and maintenance. , 2020, , 37-61.		7
15	<i>Aconitum heterophyllum</i> . , 2021, , 5-25.		7
16	Transcriptome-wide mining suggests conglomerate of genes associated with tuberous root growth and development in <i>Aconitum heterophyllum</i> Wall. 3 Biotech, 2016, 6, 152.	2.2	6
17	Advances in potato functional genomics: implications for crop improvement. Plant Cell, Tissue and Organ Culture, 2022, 148, 447-464.	2.3	4
18	Agro-Morphological Characterization and Nutritional Profiling of Traditional Himalayan Crop Landraces for Their Promotion Toward Mainstream Agriculture. Frontiers in Plant Science, 0, 13, .	3.6	4

#	ARTICLE	IF	CITATIONS
19	Introgression of anthracnose resistance into the background of locally adapted common bean landraces. <i>Euphytica</i> , 2021, 217, 1.	1.2	3
20	Expression analysis of steroid pathway genes revealed positive correlation with diosgenin biosynthesis in <i>Trillium govianum</i> . <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	2
21	Origin, domestication, and spread. , 2021, , 33-38.		2
22	<i>Stevia rebaudiana</i> . , 2021, , 199-221.		1
23	Induced Mutants in Locally Adapted Landraces of French Bean ( <i>Phaseolus vulgaris</i> L.), their Mutagenic Sensitivity and Mutability for Crop Improvement. <i>Acta Scientific Agriculture</i> , 0, , 10-16.	0.2	1
24	Genome-wide analysis of long noncoding RNAs in Sorghum and their roles in development and stress. , 2021, , 75-91.		0