Nikhil Malhotra

List of Publications by Year
in descending order

24	317	1040056 9	996975 15
papers	citations	h-index	g-index

25	25	25	324
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advances in potato functional genomics: implications for crop improvement. Plant Cell, Tissue and Organ Culture, 2022, 148, 447-464.	2.3	4
2	Global production, demand, and supply. , 2021, , 7-18.		9
3	Aconitum heterophyllum. , 2021, , 5-25.		7
4	Genome-wide analysis of long noncoding RNAs in Sorghum and their roles in development and stress. , 2021, , 75-91.		0
5	Stevia rebaudiana. , 2021, , 199-221.		1
6	Introgression of anthracnose resistance into the background of locally adapted common bean landraces. Euphytica, 2021, 217, 1.	1.2	3
7	Broadening the genetic base of cultivated chickpea following introgression of wild Cicer species-progress, constraints and prospects. Genetic Resources and Crop Evolution, 2021, 68, 2181-2205.	1.6	12
8	Origin, domestication, and spread. , 2021, , 33-38.		2
9	Genome-wide Identification and Characterization of Heat Shock Protein Family Reveals Role in Development and Stress Conditions in Triticum aestivum L.. Scientific Reports, 2020, 10, 7858.	3.3	44
10	Buckwheat (Fagopyrum 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
11	Chickpea genetic resources: collection, conservation, characterization, and maintenance. , 2020, , 37-61.		7
12	Evaluation and identification of wild lentil accessions for enhancing genetic gains of cultivated varieties. PLoS ONE, 2020, 15, e0229554.	2.5	34
13	Genetic Resources: Collection, Conservation, Characterization and Maintenance. , 2019, , 21-41.		11
14	Transgressive segregations for agronomic improvement using interspecific crosses between C. arietinum L. x C. reticulatum Ladiz. and C. arietinum L. x C. echinospermum Davis species. PLoS ONE, 2018, 13, e0203082.	2.5	25
15	Widening the genetic base of cultivated gene pool following introgression from wild Lens taxa. Plant Breeding, 2018, 137, 470-485.	1.9	20
16	Transcriptome-wide mining suggests conglomerate of genes associated with tuberous root growth and development in Aconitum heterophyllum Wall. 3 Biotech, 2016, 6, 152.	2.2	6
17	Expression analysis of steroid pathway genes revealed positive correlation with diosgenin biosynthesis in Trillium govanianum. Acta Physiologiae Plantarum, 2016, 38, 1.	2.1	2
18	Molecular dissection of pathway components unravel atisine biosynthesis in a non-toxic Aconitum species, A. heterophyllum Wall. 3 Biotech, 2016, 6, 106.	2.2	13

#	Article	IF	Citations
19	Next-generation sequencing (NGS) transcriptomes reveal association of multiple genes and pathways contributing to secondary metabolites accumulation in tuberous roots of Aconitum heterophyllum Wall.. Planta, 2015, 242, 239-258.	3.2	34
20	Effect of Salicylic Acid on the Activity of PAL and PHB Geranyltransferase and Shikonin Derivatives Production in Cell Suspension Cultures of Arnebia euchroma (Royle) Johnstâ€"a Medicinally Important Plant Species. Applied Biochemistry and Biotechnology, 2014, 173, 248-258.	2.9	9
21	Multiple genes of mevalonate and non-mevalonate pathways contribute to high aconites content in an endangered medicinal herb, Aconitum heterophyllum Wall. Phytochemistry, 2014, 108, 26-34.	2.9	20
22	Mining whole genomes and transcriptomes of Jatropha (Jatropha curcas) and Castor bean (Ricinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Biology Reports, 2014, 41, 7683-7695.	2.3	16
23	Induced Mutants in Locally Adapted Landraces of French Bean (Phaseolus vulgaris L.), their Mutagenic Sensitivity and Mutability for Crop Improvement. Acta Scientific Agriculture, 0, , 10-16.	0.2	1
24	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