

# Anil Khar

## List of Publications by Year in descending order

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32  
papers

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citations

1040056

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32  
docs citations

32  
times ranked

258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of garlic ecotypes for allicin and other allyl thiosulphinates. Food Chemistry, 2011, 128, 988-996.	8.2	41
2	Microsatellite marker based analysis of genetic diversity in short day tropical Indian onion and cross amplification in related <i>Allium</i> spp.. Genetic Resources and Crop Evolution, 2011, 58, 741-752.	1.6	37
3	Segregations for Onion Bulb Colors Reveal That Red Is Controlled by at Least Three Loci. Journal of the American Society for Horticultural Science, 2008, 133, 42-47.	1.0	34
4	Limitations of PCR-based molecular markers to identify male-sterile and maintainer plants from Indian onion ( <i>Allium cepa</i> L.) populations. Plant Breeding, 2016, 135, 519-524.	1.9	22
5	First Report of <i>Iris yellow spot virus</i> on Garlic in India. Plant Disease, 2010, 94, 1066-1066.	1.4	16
6	Induced mutagenesis for genetic improvement of <i>Allium</i> genetic resources: a comprehensive review. Genetic Resources and Crop Evolution, 2021, 68, 2669-2690.	1.6	15
7	Physicochemical and Thermal Characteristics of Onion Skin from Fifteen Indian Cultivars for Possible Food Applications. Journal of Food Quality, 2021, 2021, 1-11.	2.6	14
8	Comparative sequence and genetic analyses of asparagus BACs reveal no microsynteny with onion or rice. Theoretical and Applied Genetics, 2006, 114, 31-39.	3.6	13
9	Genetic diversity of Indian garlic core germplasm using agro-biochemical traits and SRAP markers. Saudi Journal of Biological Sciences, 2021, 28, 4833-4844.	3.8	12
10	Successful deployment of marker assisted selection (MAS) for inbred and hybrid development in long-day onion ( <i>Allium cepa</i> L.). Indian Journal of Genetics and Plant Breeding, 2015, 75, 93.	0.5	12
11	Screening of onion accessions for <i>Stemphylium</i> blight resistance under artificially inoculated field experiments. Australasian Plant Pathology, 2019, 48, 375-384.	1.0	9
12	Optimization of EMS mutagen dose for short day onion. Indian Journal of Horticulture, 2021, 78, 35-40.	0.1	9
13	Genetic diversity and population structure in onion ( <i>Allium cepa</i> L.) accessions based on morphological and molecular approaches. Physiology and Molecular Biology of Plants, 2021, 27, 2517-2532.	3.1	9
14	Influence of Culture Media and Their Compositions on Haploid Induction in Indian Short Day Onion. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 739-746.	1.0	7
15	Development of a reverse transcription-recombinase polymerase amplification (RT-RPA) assay for the detection of onion yellow dwarf virus (OYDV) in onion cultivars. Indian Phytopathology, 2021, 74, 201-207.	1.2	6
16	Breeding and Genomic Approaches for Climate-Resilient Garlic. , 2020, , 359-383.		6
17	Rapid Methods for Onion Breeding. , 2020, , 77-99.		6
18	Utility of Simple Sequence Repeat (SSR) Markers to Realize Worth of Germplasm in Genus <i>Allium</i> . Indian Journal of Plant Genetic Resources, 2014, 27, 238.	0.1	5

#	ARTICLE	IF	CITATIONS
19	Garlic: Its Importance and Biotechnological Improvement. LS International Journal of Life Sciences, 2013, 2, 72.	0.2	4
20	Diversity analysis and trait association study for antioxidants and quality traits in landraces, farmersâ€™ varieties and commercial varieties of Indian short day garlic ( <i>Allium sativum</i> L.). Genetic Resources and Crop Evolution, 2019, 66, 1843-1859.	1.6	4
21	Expression analysis and association of bulbing to FLOWERING LOCUS T (FT) gene in short day onion ( <i>Allium cepa</i> L.). Indian Journal of Genetics and Plant Breeding, 2018, 79, .	0.5	4
22	Genetic analysis for resistance to leaf curl disease in Chilli Peppers ( <i>Capsicum annuum</i> L.) under specific situations. Indian Journal of Genetics and Plant Breeding, 2020, 79, .	0.5	4
23	Molecular marker-based characterization of cytoplasm and restorer of male sterility (Ms) locus in commercially grown onions in India. Molecular Biology Reports, 2022, 49, 5535-5545.	2.3	4
24	CROSS AMPLIFICATION OF ONION DERIVED MICROSATELLITES AND MINING OF GARLIC EST DATABASE FOR ASSESSMENT OF GENETIC DIVERSITY IN GARLIC. Acta Horticulturae, 2012, , 289-295.	0.2	3
25	Studies on mutagenesis in garlic using chemical mutagens to determine lethal dose (LD50) and create variability. Indian Journal of Horticulture, 2015, 72, 289.	0.1	3
26	Genetic analysis of Karnal bunt ( <i>Neovossia indica</i> ) resistance in wheat. Journal of Biosciences, 2003, 28, 199-203.	1.1	2
27	Development of polyclonal antibodies using bacterially expressed recombinant coat protein for the detection of Onion yellow dwarf virus (OYDV) and identification of virus free onion genotypes. 3 Biotech, 2021, 11, 388.	2.2	2
28	Characterization and association of phenotypic and biochemical traits in onion under short day tropical conditions. Indian Journal of Horticulture, 2018, 75, 226.	0.1	2
29	Study on dispersion of genetic variation among Indian garlic ecotypes using agro morphological traits. Indian Journal of Genetics and Plant Breeding, 2020, 80, .	0.5	2
30	Allium Breeding Against Biotic Stresses. , 2022, , 233-259.		2
31	Future Perspective. Compendium of Plant Genomes, 2018, , 215-217.	0.5	1
32	Variation in various antioxidant biochemicals and morphological traits in kharif onion. Indian Journal of Horticulture, 2017, 74, 67.	0.1	1