

# Jasdeep Chatrath Padaria

## List of Publications by Year in descending order

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15  
papers

238  
citations

1040056

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h-index

996975

15  
g-index

17  
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17  
docs citations

17  
times ranked

255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional profiling in pearl millet ( <i>Pennisetum glaucum</i> L.R. Br.) for identification of differentially expressed drought responsive genes. <i>Physiology and Molecular Biology of Plants</i> , 2015, 21, 187-196.	3.1	38
2	Heat stress transcripts, differential expression, and profiling of heat stress tolerant gene TaHsp90 in Indian wheat ( <i>Triticum aestivum</i> L.) cv C306. <i>PLoS ONE</i> , 2018, 13, e0198293.	2.5	31
3	Molecular cloning and characterization of drought stress responsive abscisic acid-stress-ripening (Asr 1) gene from wild jujube, <i>Ziziphus nummularia</i> (Burm.f.) Wight & Arn. <i>Molecular Biology Reports</i> , 2016, 43, 849-859.	2.3	30
4	Identification of phenazine-1-carboxylic acid gene ( <i>phc</i> CD) from <i>Bacillus pumilus</i> MTCC7615 and its role in antagonism against <i>Rhizoctonia solani</i> . <i>Journal of Basic Microbiology</i> , 2016, 56, 999-1008.	3.3	25
5	Molecular cloning and in-silico characterization of high temperature stress responsive pAPX gene isolated from heat tolerant Indian wheat cv. Raj 3765. <i>BMC Research Notes</i> , 2014, 7, 713.	1.4	18
6	Transcript profiling and gene expression analysis under drought stress in <i>Ziziphus nummularia</i> (Burm.f.) Wright & Arn.. <i>Molecular Biology Reports</i> , 2018, 45, 163-174.	2.3	13
7	Drought tolerance in <i>Triticum aestivum</i> L. genotypes associated with enhanced antioxidative protection and declined lipid peroxidation. <i>3 Biotech</i> , 2020, 10, 281.	2.2	13
8	Heat stress inducible cytoplasmic isoform of ClpB1 from <i>Z. nummularia</i> exhibits enhanced thermotolerance in transgenic tobacco. <i>Molecular Biology Reports</i> , 2020, 47, 3821-3831.	2.3	12
9	Molecular cloning and characterization of a novel vip3-type gene from <i>Bacillus thuringiensis</i> and evaluation of its toxicity against <i>Helicoverpa armigera</i> . <i>Microbial Pathogenesis</i> , 2018, 114, 464-469.	2.9	11
10	Expression of a <i>Pennisetum glaucum</i> gene DREB2A confers enhanced heat, drought and salinity tolerance in transgenic <i>Arabidopsis</i> . <i>Molecular Biology Reports</i> , 2022, 49, 7347-7358.	2.3	11
11	Transcriptome sequence analysis and mining of SSRs in Jhar Ber ( <i>Ziziphus nummularia</i> (Burm.f.) Wight) Tj ETQq1 1.0.784314. <i>rgBT /Over</i>	3.3	10
12	Novel ASR isolated from drought stress responsive SSH library in pearl millet confers multiple abiotic stress tolerance in PgASR3 transgenic <i>Arabidopsis</i> . <i>Plant Physiology and Biochemistry</i> , 2020, 156, 7-19.	5.8	8
13	Characterization of lepidopteran-specific cry1 and cry2 gene harbouring native <i>Bacillus thuringiensis</i> isolates toxic against <i>Helicoverpa armigera</i> . <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2017, 15, 27-32.	4.4	7
14	A quick, easy and cost-effective in planta method to develop direct transformants in wheat. <i>3 Biotech</i> , 2019, 9, 180.	2.2	6
15	Cloning, characterization and in silico studies on abiotic stress responsive Hsp17.9 from <i>Prosopis cineraria</i> . <i>Indian Journal of Plant Physiology</i> , 2018, 23, 731-740.	0.8	3