

# Neelam Mishra

## List of Publications by Year in descending order

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17  
papers

543  
citations

759233

12  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

701  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavanones: A potential natural inhibitor of the ATP binding site of PknG of <i>Mycobacterium tuberculosis</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 11885-11899.	3.5	4
2	Towards doubling fibre yield for cotton in the semiarid agricultural area by increasing tolerance to drought, heat and salinity simultaneously. <i>Plant Biotechnology Journal</i> , 2021, 19, 462-476.	8.3	29
3	In-silico genome wide analysis of Mitogen activated protein kinase kinase gene family in <i>C. sinensis</i> . <i>PLoS ONE</i> , 2021, 16, e0258657.	2.5	4
4	NHX Gene Family in <i>Camellia sinensis</i> : In-silico Genome-Wide Identification, Expression Profiles, and Regulatory Network Analysis. <i>Frontiers in Plant Science</i> , 2021, 12, 777884.	3.6	8
5	Defensive manoeuvres of NHX1 and SOS1 co-overexpression in plant salt tolerance. <i>Turkish Journal of Botany</i> , 2020, 44, 367-376.	1.2	3
6	MAPK cascade gene family in <i>Camellia sinensis</i> : In-silico identification, expression profiles and regulatory network analysis. <i>BMC Genomics</i> , 2020, 21, 613.	2.8	15
7	AKR2A interacts with KCS1 to improve VLCFAs contents and chilling tolerance of <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2020, 103, 1575-1589.	5.7	21
8	Thermodynamics of ferredoxin binding to cyanobacterial nitrate reductase. <i>Photosynthesis Research</i> , 2020, 144, 73-84.	2.9	1
9	Improving drought-, salinity-, and heat-tolerance in transgenic plants by co-overexpressing <i>Arabidopsis</i> vacuolar pyrophosphatase gene AVP1 and <i>Larrea</i> Rubisco activase gene RCA. <i>Plant Science</i> , 2020, 296, 110499.	3.6	25
10	The yield difference between wild-type cotton and transgenic cotton that expresses IPT depends on when water-deficit stress is applied. <i>Scientific Reports</i> , 2018, 8, 2538.	3.3	32
11	Co-overexpression of AVP1 and PP2A-C5 in <i>Arabidopsis</i> makes plants tolerant to multiple abiotic stresses. <i>Plant Science</i> , 2018, 274, 271-283.	3.6	17
12	Overexpression of the rice gene OsSIZ1 in <i>Arabidopsis</i> improves drought-, heat-, and salt-tolerance simultaneously. <i>PLoS ONE</i> , 2018, 13, e0201716.	2.5	41
13	Overexpression of the Rice SUMO E3 Ligase Gene OsSIZ1 in Cotton Enhances Drought and Heat Tolerance, and Substantially Improves Fiber Yields in the Field under Reduced Irrigation and Rainfed Conditions. <i>Plant and Cell Physiology</i> , 2017, 58, 735-746.	3.1	86
14	Identification and Functional Analysis of microRNAs Involved in the Anther Development in Cotton Genic Male Sterile Line Yu98-8A. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1677.	4.1	14
15	Co-overexpressing a Plasma Membrane and a Vacuolar Membrane Sodium/Proton Antiporter Significantly Improves Salt Tolerance in Transgenic <i>Arabidopsis</i> Plants. <i>Plant and Cell Physiology</i> , 2016, 57, 1069-1084.	3.1	78
16	Expression of the <i>Arabidopsis</i> vacuolar H <sup>+</sup> -pyrophosphatase gene AVP1 in peanut to improve drought and salt tolerance. <i>Plant Biotechnology Reports</i> , 2013, 7, 345-355.	1.5	61
17	Water-Deficit Inducible Expression of a Cytokinin Biosynthetic Gene IPT Improves Drought Tolerance in Cotton. <i>PLoS ONE</i> , 2013, 8, e64190.	2.5	104