

Nitin Uttam Kamble

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

334
citations

9
h-index

16
g-index

16
ext. papers

460
ext. citations

5.5
avg, IF

3.53
L-index

#	Paper	IF	Citations
15	ABI transcription factors and PROTEIN L-ISOASPARTYL METHYLTRANSFERASE module mediate seed desiccation tolerance and longevity in <i>Oryza sativa</i> . <i>Development (Cambridge)</i> , 2022 , 149,	6.6	3
14	A conserved NAG motif is critical to the catalytic activity of galactinol synthase, a key regulatory enzyme of RFO biosynthesis. <i>Biochemical Journal</i> , 2021 , 478, 3939-3955	3.8	1
13	Ectopic overexpression of cytosolic ascorbate peroxidase gene (Apx1) improves salinity stress tolerance in <i>Brassica juncea</i> by strengthening antioxidative defense mechanism. <i>Acta Physiologiae Plantarum</i> , 2020 , 42, 1	2.6	17
12	PROTEIN L-ISOASPARTYL METHYLTRANSFERASE (PIMT) in plants: regulations and functions. <i>Biochemical Journal</i> , 2020 , 477, 4453-4471	3.8	3
11	Arabidopsis protein L-ISOASPARTYL METHYLTRANSFERASE repairs isoaspartyl damage to antioxidant enzymes and increases heat and oxidative stress tolerance. <i>Journal of Biological Chemistry</i> , 2020 , 295, 783-799	5.4	8
10	Deciphering the structural basis of the broad substrate specificity of myo-inositol monophosphatase (IMP) from <i>Cicer arietinum</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 151, 967-975	7.9	2
9	protein L-ISOASPARTYL METHYLTRANSFERASE repairs isoaspartyl damage to antioxidant enzymes and increases heat and oxidative stress tolerance. <i>Journal of Biological Chemistry</i> , 2020 , 295, 783-799	5.4	10
8	Ectopic over-expression of ABA-responsive Chickpea galactinol synthase (CaGolS) gene results in improved tolerance to dehydration stress by modulating ROS scavenging. <i>Environmental and Experimental Botany</i> , 2020 , 171, 103957	5.9	17
7	A protein repairing enzyme, PROTEIN L- ISOASPARTYL METHYLTRANSFERASE is involved in salinity stress tolerance by increasing efficiency of ROS-scavenging enzymes. <i>Environmental and Experimental Botany</i> , 2020 , 180, 104266	5.9	5
6	Stress-Inducible Galactinol Synthase of Chickpea (CaGolS) is Implicated in Heat and Oxidative Stress Tolerance Through Reducing Stress-Induced Excessive Reactive Oxygen Species Accumulation. <i>Plant and Cell Physiology</i> , 2018 , 59, 155-166	4.9	41
5	Arabidopsis SKP1-like protein13 (ASK13) positively regulates seed germination and seedling growth under abiotic stress. <i>Journal of Experimental Botany</i> , 2018 , 69, 3899-3915	7	18
4	Differentially expressed galactinol synthase(s) in chickpea are implicated in seed vigor and longevity by limiting the age induced ROS accumulation. <i>Scientific Reports</i> , 2016 , 6, 35088	4.9	47
3	Rice PROTEIN L-ISOASPARTYL METHYLTRANSFERASE isoforms differentially accumulate during seed maturation to restrict deleterious isoAsp and reactive oxygen species accumulation and are implicated in seed vigor and longevity. <i>New Phytologist</i> , 2016 , 211, 627-45	9.8	44
2	Differentially expressed seed aging responsive heat shock protein OsHSP18.2 implicates in seed vigor, longevity and improves germination and seedling establishment under abiotic stress. <i>Frontiers in Plant Science</i> , 2015 , 6, 713	6.2	72
1	Differentially expressed myo-inositol monophosphatase gene (CaIMP) in chickpea (<i>Cicer arietinum</i> L.) encodes a lithium-sensitive phosphatase enzyme with broad substrate specificity and improves seed germination and seedling growth under abiotic stresses. <i>Journal of Experimental Botany</i> , 2013 , 64, 5123-33	7	44