

Dinesh Kumar Jaiswal

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

388
citations

933447

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h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Saltational evolution of the heterotrimeric G protein signaling mechanisms in the plant kingdom. <i>Science Signaling</i> , 2016, 9, ra93.	3.6	71
2	Comparative Proteomics of Tuber Induction, Development and Maturation Reveal the Complexity of Tuberization Process in Potato (<i>Solanum tuberosum</i> L.). <i>Journal of Proteome Research</i> , 2008, 7, 3803-3817.	3.7	62
3	Direct Modulation of Heterotrimeric G Protein-coupled Signaling by a Receptor Kinase Complex. <i>Journal of Biological Chemistry</i> , 2016, 291, 13918-13925.	3.4	59
4	Dehydration-Responsive Reversible and Irreversible Changes in the Extracellular Matrix: Comparative Proteomics of Chickpea Genotypes with Contrasting Tolerance. <i>Journal of Proteome Research</i> , 2011, 10, 2027-2046.	3.7	40
5	Membrane-associated proteomics of chickpea identifies Sad1/UNC-84 protein (CaSUN1), a novel component of dehydration signaling. <i>Scientific Reports</i> , 2014, 4, 4177.	3.3	29
6	Predicted Functional Implications of Phosphorylation of Regulator of G Protein Signaling Protein in Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 1456.	3.6	25
7	Comparative proteomics of dehydration response in the rice nucleus: New insights into the molecular basis of genotype-specific adaptation. <i>Proteomics</i> , 2013, 13, 3478-3497.	2.2	24
8	GCR1 and GPA1 coupling regulates nitrate, cell wall, immunity and light responses in Arabidopsis. <i>Scientific Reports</i> , 2019, 9, 5838.	3.3	23
9	Proteomic analysis reveals the diversity and complexity of membrane proteins in chickpea (<i>Cicer</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.7 15		
10	Transcriptomic and network analyses reveal distinct nitrate responses in light and dark in rice leaves (<i>Oryza sativa</i> Indica var. Panvel1). <i>Scientific Reports</i> , 2020, 10, 12228.	3.3	15
11	Heterotrimeric G-protein β subunit (RGA1) regulates tiller development, yield, cell wall, nitrogen response and biotic stress in rice. <i>Scientific Reports</i> , 2021, 11, 2323.	3.3	14
12	Time-dependent, glucose-regulated Arabidopsis Regulator of G-protein Signaling 1 network. <i>Current Plant Biology</i> , 2016, 5, 25-35.	4.7	10
13	Nutrient Perception and Signaling in Plants. , 2019, , 59-77.		1