

Bikram Pant

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

3,890
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

4404
citing authors

#	ARTICLE	IF	CITATIONS
1	PHO2, MicroRNA399, and PHR1 Define a Phosphate-Signaling Pathway in Plants. <i>Plant Physiology</i> , 2006, 141, 988-999.	4.8	1,021
2	MicroRNA399 is a long-distance signal for the regulation of plant phosphate homeostasis. <i>Plant Journal</i> , 2008, 53, 731-738.	5.7	652
3	Genome-wide reprogramming of metabolism and regulatory networks of Arabidopsis in response to phosphorus. <i>Plant, Cell and Environment</i> , 2007, 30, 85-112.	5.7	533
4	Arabidopsis miR156 Regulates Tolerance to Recurring Environmental Stress through SPL Transcription Factors. <i>Plant Cell</i> , 2014, 26, 1792-1807.	6.6	511
5	Identification of Nutrient-Responsive Arabidopsis and Rapeseed MicroRNAs by Comprehensive Real-Time Polymerase Chain Reaction Profiling and Small RNA Sequencing. <i>Plant Physiology</i> , 2009, 150, 1541-1555.	4.8	414
6	Expression Pattern Suggests a Role of MiR399 in the Regulation of the Cellular Response to Local Pi Increase During Arbuscular Mycorrhizal Symbiosis. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 915-926.	2.6	157
7	Hypoxia responsive gene expression is mediated by various subsets of transcription factors and miRNAs that are determined by the actual oxygen availability. <i>New Phytologist</i> , 2011, 190, 442-456.	7.3	149
8	The transcription factor PHR1 regulates lipid remodeling and triacylglycerol accumulation in Arabidopsis thaliana during phosphorus starvation. <i>Journal of Experimental Botany</i> , 2015, 66, 1907-1918.	4.8	146
9	Gene structures and processing of Arabidopsis thaliana HYL1-dependent pri-miRNAs. <i>Nucleic Acids Research</i> , 2009, 37, 3083-3093.	14.5	130
10	Expression of Sucrose Transporter cDNAs Specifically in Companion Cells Enhances Phloem Loading and Long-Distance Transport of Sucrose but Leads to an Inhibition of Growth and the Perception of a Phosphate Limitation. <i>Plant Physiology</i> , 2014, 165, 715-731.	4.8	72
11	GENERAL CONTROL NONREPRESSIBLE4 Degrades 14-3-3 and the RIN4 Complex to Regulate Stomatal Aperture with Implications on Nonhost Disease Resistance and Drought Tolerance. <i>Plant Cell</i> , 2017, 29, 2233-2248.	6.6	56
12	Involvement of microRNA-related regulatory pathways in the glucose-mediated control of Arabidopsis early seedling development. <i>Journal of Experimental Botany</i> , 2013, 64, 4301-4312.	4.8	20
13	Antagonistic Regulation by CPN60A and CLPC1 of TRXL1 that Regulates MDH Activity Leading to Plant Disease Resistance and Thermotolerance. <i>Cell Reports</i> , 2020, 33, 108512.	6.4	15
14	Overexpression of Arabidopsis nucleolar GTP-binding 1 (NOG1) proteins confers drought tolerance in rice. <i>Plant Physiology</i> , 2022, 189, 988-1004.	4.8	10
15	Protocol for determining protein cysteine thiol redox status using western blot analysis. <i>STAR Protocols</i> , 2021, 2, 100566.	1.2	4