

Kazuya Yoshimura

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

579
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

778
citing authors

#	ARTICLE	IF	CITATIONS
1	Light regulation of ascorbate biosynthesis is dependent on the photosynthetic electron transport chain but independent of sugars in Arabidopsis. <i>Journal of Experimental Botany</i> , 2007, 58, 2661-2671.	4.8	220
2	AtNUDX1, an 8-Oxo-7,8-Dihydro-2'-Deoxyguanosine 5'-Triphosphate Pyrophosphohydrolase, is Responsible for Eliminating Oxidized Nucleotides in Arabidopsis. <i>Plant and Cell Physiology</i> , 2007, 48, 1438-1449.	3.1	53
3	Transient expression analysis revealed the importance of <i>VTC2</i> expression level in light/dark regulation of ascorbate biosynthesis in Arabidopsis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 60-66.	1.3	51
4	Versatile physiological functions of the Nudix hydrolase family in Arabidopsis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 354-366.	1.3	45
5	Wild plant resources for studying molecular mechanisms of drought/strong light stress tolerance. <i>Plant Biotechnology</i> , 2008, 25, 257-263.	1.0	44
6	Activation of NADPH-recycling systems in leaves and roots of Arabidopsis thaliana under arsenic-induced stress conditions is accelerated by knock-out of Nudix hydrolase 19 (AtNUDX19) gene. <i>Journal of Plant Physiology</i> , 2016, 192, 81-89.	3.5	38
7	Identification of Alternative Splicing Events Regulated by an Arabidopsis Serine/Arginine-Like Protein, atSR45a, in Response to High-Light Stress using a Tiling Array. <i>Plant and Cell Physiology</i> , 2011, 52, 1786-1805.	3.1	29
8	Modulation of NADH Levels by Arabidopsis Nudix Hydrolases, AtNUDX6 and 7, and the Respective Proteins Themselves Play Distinct Roles in the Regulation of Various Cellular Responses Involved in Biotic/Abiotic Stresses. <i>Plant and Cell Physiology</i> , 2016, 57, 1295-1308.	3.1	20
9	Identification and characterization of Arabidopsis AtNUDX9 as a GDP-d-mannose pyrophosphohydrolase: its involvement in root growth inhibition in response to ammonium. <i>Journal of Experimental Botany</i> , 2015, 66, 5797-5808.	4.8	17
10	Chloroplast development activates the expression of ascorbate biosynthesis-associated genes in Arabidopsis roots. <i>Plant Science</i> , 2019, 284, 185-191.	3.6	16
11	Transcriptional control of vitamin C defective 2 and tocopherol cyclase genes by light and plastid-derived signals: The partial involvement of GENOMES UNCOUPLED 1. <i>Plant Science</i> , 2015, 231, 20-29.	3.6	13
12	Loss-of-function of an Arabidopsis NADPH pyrophosphohydrolase, AtNUDX19, impacts on the pyridine nucleotides status and confers photooxidative stress tolerance. <i>Scientific Reports</i> , 2016, 6, 37432.	3.3	13
13	Ectopic Expression of the Human MutT-Type Nudix Hydrolase, hMTH1, Confers Enhanced Tolerance to Oxidative Stress in Arabidopsis. <i>Plant and Cell Physiology</i> , 2014, 55, 1534-1543.	3.1	9
14	Biochemistry and Physiology of Vitamins in Euglena. <i>Advances in Experimental Medicine and Biology</i> , 2017, 979, 65-90.	1.6	9
15	Differential Expression of Alternatively Spliced mRNAs of Arabidopsis SR Protein Homologs, atSR30 and atSR45a, in Response to Environmental Stress. <i>Plant and Cell Physiology</i> , 2007, 48, 1826-1826.	3.1	2