

Akira Endo

List of Publications by Year in descending order

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24
papers

3,772
citations

430874

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642732

23
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docs citations

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times ranked

4984
citing authors

#	ARTICLE	IF	CITATIONS
1	A Unique Short-Chain Dehydrogenase/Reductase in Arabidopsis Glucose Signaling and Abscisic Acid Biosynthesis and Functions. <i>Plant Cell</i> , 2002, 14, 2723-2743.	6.6	764
2	Global Analysis of DELLA Direct Targets in Early Gibberellin Signaling in Arabidopsis. <i>Plant Cell</i> , 2007, 19, 3037-3057.	6.6	572
3	Regulation of hormone metabolism in Arabidopsis seeds: phytochrome regulation of abscisic acid metabolism and abscisic acid regulation of gibberellin metabolism. <i>Plant Journal</i> , 2006, 48, 354-366.	5.7	403
4	Drought Induction of Arabidopsis 9-cis-Epoxycarotenoid Dioxygenase Occurs in Vascular Parenchyma Cells. <i>Plant Physiology</i> , 2008, 147, 1984-1993.	4.8	310
5	Efficient targeted mutagenesis of rice and tobacco genomes using Cpf1 from <i>Francisella novicida</i> . <i>Scientific Reports</i> , 2016, 6, 38169.	3.3	264
6	Activation of dimeric ABA receptors elicits guard cell closure, ABA-regulated gene expression, and drought tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12132-12137.	7.1	262
7	Genome editing in plants by engineered CRISPR-Cas9 recognizing NG PAM. <i>Nature Plants</i> , 2019, 5, 14-17.	9.3	154
8	NIN-like protein 8 is a master regulator of nitrate-promoted seed germination in Arabidopsis. <i>Nature Communications</i> , 2016, 7, 13179.	12.8	147
9	Structural features of a wheat plastome as revealed by complete sequencing of chloroplast DNA. <i>Molecular Genetics and Genomics</i> , 2002, 266, 740-746.	2.1	138
10	Ectopic Expression of ABSCISIC ACID 2/GLUCOSE INSENSITIVE 1 in Arabidopsis Promotes Seed Dormancy and Stress Tolerance. <i>Plant Physiology</i> , 2007, 143, 745-758.	4.8	134
11	Highly specific targeted mutagenesis in plants using <i>Staphylococcus aureus</i> Cas9. <i>Scientific Reports</i> , 2016, 6, 26871.	3.3	112
12	Designed abscisic acid analogs as antagonists of PYL-PP2C receptor interactions. <i>Nature Chemical Biology</i> , 2014, 10, 477-482.	8.0	98
13	RSOsPR10 Expression in Response to Environmental Stresses is Regulated Antagonistically by Jasmonate/Ethylene and Salicylic Acid Signaling Pathways in Rice Roots. <i>Plant and Cell Physiology</i> , 2011, 52, 1686-1696.	3.1	95
14	Chinese spring wheat (<i>Triticum aestivum</i> L.) chloroplast genome: Complete sequence and contig clones. <i>Plant Molecular Biology Reporter</i> , 2000, 18, 243-253.	1.8	62
15	Tissue-Specific Transcriptome Analysis Reveals Cell Wall Metabolism, Flavonol Biosynthesis and Defense Responses are Activated in the Endosperm of Germinating Arabidopsis thaliana Seeds. <i>Plant and Cell Physiology</i> , 2012, 53, 16-27.	3.1	58
16	A novel approach to carotenoid accumulation in rice callus by mimicking the cauliflower Orange mutation via genome editing. <i>Rice</i> , 2019, 12, 81.	4.0	55
17	Sustained low abscisic acid levels increase seedling vigor under cold stress in rice (<i>Oryza sativa</i> L.). <i>Scientific Reports</i> , 2015, 5, 13819.	3.3	45
18	Functional characterization of xanthoxin dehydrogenase in rice. <i>Journal of Plant Physiology</i> , 2014, 171, 1231-1240.	3.5	40

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19	ABA Biosynthetic and Catabolic Pathways. , 2014, , 21-45.		20
20	Vascular system is a node of systemic stress responses. Plant Signaling and Behavior, 2008, 3, 1138-1140.	2.4	19
21	Functional Analysis of Abscisic Acid 8â€²-Hydroxylase. Methods in Molecular Biology, 2011, 773, 135-147.	0.9	8
22	Ectopic expression of mutated type 2C protein phosphatase OsABI-LIKE2 decreases abscisic acid sensitivity in Arabidopsis and rice. Scientific Reports, 2018, 8, 12320.	3.3	6
23	Targeted Mutagenesis Using FnCpf1 in Tobacco. Methods in Molecular Biology, 2019, 1917, 269-281.	0.9	4
24	FnCpf1-Mediated Targeted Mutagenesis in Plants. Methods in Molecular Biology, 2018, 1795, 223-239.	0.9	2