Yuko Sasaki-Sekimoto

List of Publications by Year
in descending order

18 papers	2,495 citations	516710 16 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	3941 citing authors

#	Article	IF	Citations
1	Altitudinal differentiation in the leaf wax-mediated flowering bud protection against frost in a perennial Arabidopsis. Oecologia, 2021, 195, 677-687.	2.0	1
2	Rice leaf hydrophobicity and gas films are conferred by a wax synthesis gene (<i><scp>LGF</scp>1</i>) and contribute to flood tolerance. New Phytologist, 2018, 218, 1558-1569.	7.3	68
3	Physcomitrella MADS-box genes regulate water supply and sperm movement for fertilization. Nature Plants, 2018, 4, 36-45.	9.3	51
4	Primitive Extracellular Lipid Components on the Surface of the Charophytic Alga Klebsormidium flaccidum and Their Possible Biosynthetic Pathways as Deduced from the Genome Sequence. Frontiers in Plant Science, 2016, 7, 952.	3.6	37
5	Manipulation of oil synthesis in Nannochloropsis strain NIES-2145 with a phosphorus starvationâ€“inducible promoter from Chlamydomonas reinhardtii. Frontiers in Microbiology, 2015, 6, 912.	3.5	63
6	The jasmonate-responsive GTR1 transporter is required for gibberellin-mediated stamen development in Arabidopsis. Nature Communications, 2015, 6, 6095.	12.8	151
7	Biochemical characterization of allene oxide synthases from the liverwort Marchantia polymorpha and green microalgae Klebsormidium flaccidum provides insight into the evolutionary divergence of the plant CYP74 family. Planta, 2015, 242, 1175-1186.	3.2	51
8	Comprehensive analysis of protein interactions between JAZ proteins and bHLH transcription factors that negatively regulate jasmonate signaling. Plant Signaling and Behavior, 2014, 9, e27639.	2.4	28
9	Klebsormidium flaccidum genome reveals primary factors for plant terrestrial adaptation. Nature Communications, 2014, 5, 3978.	12.8	532
10	Basic Helix-Loop-Helix Transcription Factors JASMONATE-ASSOCIATED MYC2-LIKE1 (JAM1), JAM2, and JAM3 Are Negative Regulators of Jasmonate Responses in Arabidopsis. Plant Physiology, 2013, 163, 291-304.	4.8	178
11	12-Oxo-Phytodienoic Acidâ€“Glutathione Conjugate is Transported into the Vacuole in Arabidopsis. Plant and Cell Physiology, 2011, 52, 205-209.	3.1	45
12	Induction of Isoforms of Tetrapyrrole Biosynthetic Enzymes, AtHEMA2 and AtFC1, under Stress Conditions and Their Physiological Functions in Arabidopsis. Plant Physiology, 2007, 144, 1039-1051.	4.8	71
13	Coordinated activation of metabolic pathways for antioxidants and defence compounds by jasmonates and their roles in stress tolerance in Arabidopsis. Plant Journal, 2005, 44, 653-668.	5.7	325
14	12-Oxo-Phytodienoic Acid Triggers Expression of a Distinct Set of Genes and Plays a Role in Wound-Induced Gene Expression in Arabidopsis. Plant Physiology, 2005, 139, 1268-1283.	4.8	463
15	Gene Expression Profiling of the Tetrapyrrole Metabolic Pathway in Arabidopsis with a Mini-Array System. Plant Physiology, 2004, 135, 2379-2391.	4.8	145
16	Distinctive Features of Plant Organs Characterized by Global Analysis of Gene Expression in Arabidopsis. DNA Research, 2004, 11, 11-25.	3.4	27
17	Monitoring of Methyl Jasmonate-responsive Genes in Arabidopsis by cDNA Macroarray: Self-activation of Jasmonic Acid Biosynthesis and Crosstalk with Other Phytohormone Signaling Pathways. DNA Research, 2001, 8, 153-161.	3.4	259
18	Genome-wide expression-monitoring of jasmonate-responsive genes of Arabidopsis using cDNA arrays. Biochemical Society Transactions, 2000, 28, 863.	3.4	0