Kazue Kanehara

List of Publications by Year
in descending order

24	732	687220 13	610775 24
papers	citations	h-index	g-index

24	24	24	984
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Whatâ€™s unique? The unfolded protein response in plants. Journal of Experimental Botany, 2022, 73, 1268-1276.	2.4	12
2	A lipid viewpoint on the plant endoplasmic reticulum stress response. Journal of Experimental Botany, 2022, 73, 2835-2847.	2.4	7
3	Functional divergence of a pair of Arabidopsis phosphoâ€base methyltransferases, <scp>PMT1</scp> and <scp>PMT3</scp> , conferred by distinct Nâ€terminal sequences. Plant Journal, 2022, , .	2.8	1
4	A pair of DUF538 domainâ€containing proteins modulates plant growth and trichome development through the transcriptional regulation of GLABRA1 in Arabidopsis thaliana. Plant Journal, 2021, 108, 992-1004.	2.8	12
5	The Unfolded Protein Response Modulates a Phosphoinositide-Binding Protein through the IRE1-bZIP60 Pathway. Plant Physiology, 2020, 183, 221-235.	2.3	15
6	Nonâ€specific phospholipases C, NPC2 and NPC6, are required for root growth in Arabidopsis. Plant Journal, 2019, 100, 825-835.	2.8	16
7	Arabidopsis CHOLINE/ETHANOLAMINE KINASE 1 (CEK1) is a primary choline kinase localized at the endoplasmic reticulum (ER) and involved in ER stress tolerance. New Phytologist, 2019, 223, 1904-1917.	3.5	24
8	Membrane lipid polyunsaturation mediated by <scp>FATTY ACID DESATURASE</scp> 2 (<scp>FAD</scp>2) is involved in endoplasmic reticulum stress tolerance in Arabidopsis thaliana. Plant Journal, 2019, 99, 478-493.	2.8	36
9	High-Resolution Crystal Structure of Arabidopsis FLOWERING LOCUS T Illuminates Its Phospholipid-Binding Site in Flowering. IScience, 2019, 21, 577-586.	1.9	30
10	A Methyltransferase Trio Essential for Phosphatidylcholine Biosynthesis and Growth. Plant Physiology, 2019, 179, 433-445.	2.3	15
11	Membrane glycerolipid equilibrium under endoplasmic reticulum stress in Arabidopsis thaliana. Biochemical and Biophysical Research Communications, 2018, 500, 103-109.	1.0	7
12	A pair of phosphoâ€base methyltransferases important for phosphatidylcholine biosynthesis in Arabidopsis. Plant Journal, 2018, 96, 1064-1075.	2.8	18
13	Arabidopsis dolichol kinase AtDOK1 is involved in flowering time control. Journal of Experimental Botany, 2017, 68, 3243-3252.	2.4	3
14	Endoplasmic Reticulum Stress Response in Arabidopsis Roots. Frontiers in Plant Science, 2017, 8, 144.	1.7	16
15	In vivo Reconstitution of Algal Triacylglycerol Production in Saccharomyces cerevisiae. Frontiers in Microbiology, 2016, 7, 70.	1.5	6
16	Isolation and characterization of a mutant defective in triacylglycerol accumulation in nitrogen-starved Chlamydomonas reinhardtii. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 1282-1293.	1.2	10
17	Heterotrimeric G protein subunits differentially respond to endoplasmic reticulum stress in Arabidopsis. Plant Signaling and Behavior, 2015, 10, e1061162.	1.2	12
18	Arabidopsis <scp>DOK</scp>1 encodes a functional dolichol kinase involved in reproduction. Plant Journal, 2015, 81, 292-303.	2.8	10

#	Article	IF	Citations
19	Arabidopsis AtPLC2 Is a Primary Phosphoinositide-Specific Phospholipase C in Phosphoinositide Metabolism and the Endoplasmic Reticulum Stress Response. PLoS Genetics, 2015, 11, e1005511.	1.5	78
20	Arabidopsis florigen FT binds to diurnally oscillating phospholipids that accelerate flowering. Nature Communications, 2014, 5, 3553.	5.8	143
21	Functional study of diacylglycerol acyltransferase type 2 family in Chlamydomonas reinhardtii. FEBS Letters, 2013, 587, 2364-2370.	1.3	67
22	Modularity of the Hrd1 ERAD complex underlies its diverse client range. Journal of Cell Biology, 2010, 188, 707-716.	2.3	57
23	Intrinsic Conformational Determinants Signal Protein Misfolding to the Hrd1/Htm1 Endoplasmic Reticulumâ€“associated Degradation System. Molecular Biology of the Cell, 2009, 20, 3317-3329.	0.9	65
24	The EDEM and Yos9p families of lectin-like ERAD factors. Seminars in Cell and Developmental Biology, 2007, 18, 743-750.	2.3	72