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	Arabidopsis florigen FT binds to diurnally oscillating phospholipids that accelerate flowering. Nature Communications, 2014, 5, 3553.	5.8	143
2	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
3	The EDEM and Yos9p families of lectin-like ERAD factors. Seminars in Cell and Developmental Biology, 2007, 18, 743-750.	2.3	72
4	Functional study of diacylglycerol acyltransferase type 2 family in Chlamydomonas reinhardtii. FEBS Letters, 2013, 587, 2364-2370.	1.3	67
5	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
6	Modularity of the Hrd1 ERAD complex underlies its diverse client range. Journal of Cell Biology, 2010, 188, 707-716.	2.3	57
7	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
8	High-Resolution Crystal Structure of Arabidopsis FLOWERING LOCUS T Illuminates Its Phospholipid-Binding Site in Flowering. IScience, 2019, 21, 577-586.	1.9	30
9	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
10	A pair of phosphoâ€base methyltransferases important for phosphatidylcholine biosynthesis in Arabidopsis. Plant Journal, 2018, 96, 1064-1075.	2.8	18
11	Endoplasmic Reticulum Stress Response in Arabidopsis Roots. Frontiers in Plant Science, 2017, 8, 144.	1.7	16
12	Nonâ€specific phospholipases C, NPC2 and NPC6, are required for root growth in Arabidopsis. Plant Journal, 2019, 100, 825-835.	2.8	16
13	A Methyltransferase Trio Essential for Phosphatidylcholine Biosynthesis and Growth. Plant Physiology, 2019, 179, 433-445.	2.3	15
14	The Unfolded Protein Response Modulates a Phosphoinositide-Binding Protein through the IRE1-bZIP60 Pathway. Plant Physiology, 2020, 183, 221-235.	2.3	15
15	Heterotrimeric G protein subunits differentially respond to endoplasmic reticulum stress in Arabidopsis. Plant Signaling and Behavior, 2015, 10, e1061162.	1.2	12
16	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
17	Whatâ€™s unique? The unfolded protein response in plants. Journal of Experimental Botany, 2022, 73, 1268-1276.	2.4	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	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
20	Membrane glycerolipid equilibrium under endoplasmic reticulum stress in Arabidopsis thaliana. Biochemical and Biophysical Research Communications, 2018, 500, 103-109.	1.0	7
21	A lipid viewpoint on the plant endoplasmic reticulum stress response. Journal of Experimental Botany, 2022, 73, 2835-2847.	2.4	7
22	In vivo Reconstitution of Algal Triacylglycerol Production in Saccharomyces cerevisiae. Frontiers in Microbiology, 2016, 7, 70.	1.5	6
23	Arabidopsis dolichol kinase AtDOK1 is involved in flowering time control. Journal of Experimental Botany, 2017, 68, 3243-3252.	2.4	3
24	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