

Yohei Ohashi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,801
citations

623734

14
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

4352
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	Modulation of Phospholipid Signaling by GLABRA2 in Root-Hair Pattern Formation. <i>Science</i> , 2003, 300, 1427-1430.	12.6	269
3	Structure and flexibility of the endosomal Vps34 complex reveals the basis of its function on membranes. <i>Science</i> , 2015, 350, aac7365.	12.6	208
4	The A-Type Cyclin CYCA2;3 Is a Key Regulator of Ploidy Levels in Arabidopsis Endoreduplication. <i>Plant Cell</i> , 2006, 18, 382-396.	6.6	166
5	Membrane Delivery to the Yeast Autophagosome from the Golgiâ€œEndosomal System. <i>Molecular Biology of the Cell</i> , 2010, 21, 3998-4008.	2.1	160
6	GLABRA2 Directly Suppresses Basic Helix-Loop-Helix Transcription Factor Genes with Diverse Functions in Root Hair Development. <i>Plant Cell</i> , 2015, 27, tpc.15.00607.	6.6	97
7	VPS34 complexes from a structural perspective. <i>Journal of Lipid Research</i> , 2019, 60, 229-241.	4.2	86
8	Tor forms a dimer through an N-terminal helical solenoid with a complex topology. <i>Nature Communications</i> , 2016, 7, 11016.	12.8	76
9	Entopically additive expression ofGLABRA2alters the frequency and spacing of trichome initiation. <i>Plant Journal</i> , 2002, 29, 359-369.	5.7	75
10	Characterization of Atg38 and NRBF2, a fifth subunit of the autophagic Vps34/PIK3C3 complex. <i>Autophagy</i> , 2016, 12, 2129-2144.	9.1	52
11	Structural basis for VPS34 kinase activation by Rab1 and Rab5 on membranes. <i>Nature Communications</i> , 2021, 12, 1564.	12.8	50
12	Phosphoproteomic identification of ULK substrates reveals VPS15â€œdependent ULK/VPS34 interplay in the regulation of autophagy. <i>EMBO Journal</i> , 2021, 40, e105985.	7.8	35
13	Membrane characteristics tune activities of endosomal and autophagic human VPS34 complexes. <i>ELife</i> , 2020, 9, .	6.0	34
14	An upstream region of the Arabidopsis thaliana CDKA;1 (CDC2aAt) gene directs transcription during trichome development. <i>Plant Molecular Biology</i> , 2001, 46, 205-213.	3.9	22
15	Activation Mechanisms of the VPS34 Complexes. <i>Cells</i> , 2021, 10, 3124.	4.1	16
16	The G-Protein Rab5A Activates VPS34 Complex II, a Class III PI3K, by a Dual Regulatory Mechanism. <i>Biophysical Journal</i> , 2020, 119, 2205-2218.	0.5	13
17	Class III phosphatidylinositol 3-kinase complex I subunit NRBF2/Atg38 - from cell and structural biology to health and disease. <i>Autophagy</i> , 2021, 17, 3897-3907.	9.1	7
18	Unsaturation, curvature and charge: effects of membrane parameters on PIK3C3/VPS34-containing complexes. <i>Autophagy</i> , 2021, 17, 823-825.	9.1	4

#	ARTICLE	IF	CITATIONS
19	Arabidopsis PLD α 1 and PLD α 2 localize to post-Golgi membrane compartments in a partially overlapping manner. <i>Plant Molecular Biology</i> , 2022, 108, 31-49.	3.9	1
20	Challenges at low resolution: crystal structure of the yeast VPS34 complex II. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s53-s53.	0.1	0