

Masashi Maekawa

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,077
citations

566801

15
h-index

433756

31
g-index

36
all docs

36
docs citations

36
times ranked

1752
citing authors

#	ARTICLE	IF	CITATIONS
1	Complementary probes reveal that phosphatidylserine is required for the proper transbilayer distribution of cholesterol. <i>Journal of Cell Science</i> , 2015, 128, 1422-1433.	1.2	209
2	Small GTPases and phosphoinositides in the regulatory mechanisms of macropinosome formation and maturation. <i>Frontiers in Physiology</i> , 2014, 5, 374.	1.3	116
3	Inhibition of Acid Sphingomyelinase Depletes Cellular Phosphatidylserine and Mislocalizes K-Ras from the Plasma Membrane. <i>Molecular and Cellular Biology</i> , 2016, 36, 363-374.	1.1	92
4	Sequential breakdown of 3-phosphorylated phosphoinositides is essential for the completion of macropinocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E978-87.	3.3	89
5	Molecular probes to visualize the location, organization and dynamics of lipids. <i>Journal of Cell Science</i> , 2014, 127, 4801-12.	1.2	81
6	Membrane curvature induced by proximity of anionic phospholipids can initiate endocytosis. <i>Nature Communications</i> , 2017, 8, 1393.	5.8	80
7	The Cullin-3/Rbx1/KCTD10 complex controls endothelial barrier function via K63 ubiquitination of RhoB. <i>Journal of Cell Biology</i> , 2018, 217, 1015-1032.	2.3	43
8	Domain 4 (D4) of Perfringolysin O to Visualize Cholesterol in Cellular Membranes – The Update. <i>Sensors</i> , 2017, 17, 504.	2.1	41
9	Perfringolysin O Theta Toxin as a Tool to Monitor the Distribution and Inhomogeneity of Cholesterol in Cellular Membranes. <i>Toxins</i> , 2016, 8, 67.	1.5	40
10	Cullin-3/KCTD10 E3 complex is essential for Rac1 activation through RhoB degradation in human epidermal growth factor receptor 2-positive breast cancer cells. <i>Cancer Science</i> , 2019, 110, 650-661.	1.7	37
11	Staurosporines decrease ORMDL proteins and enhance sphingomyelin synthesis resulting in depletion of plasmalemmal phosphatidylserine. <i>Scientific Reports</i> , 2016, 6, 35762.	1.6	26
12	Cullin-3 and its adaptor protein ANKFY1 determine the surface level of integrin $\beta 1$ in endothelial cells. <i>Biology Open</i> , 2017, 6, 1707-1719.	0.6	23
13	SNX9 determines the surface levels of integrin $\beta 1$ in vascular endothelial cells: Implication in poor prognosis of human colorectal cancers overexpressing SNX9. <i>Journal of Cellular Physiology</i> , 2019, 234, 17280-17294.	2.0	23
14	The E3 ubiquitin ligase MIB2 enhances inflammation by degrading the deubiquitinating enzyme CYLD. <i>Journal of Biological Chemistry</i> , 2019, 294, 14135-14148.	1.6	21
15	Nematode Homologue of PQBP1, a Mental Retardation Causative Gene, Is Involved in Lipid Metabolism. <i>PLoS ONE</i> , 2009, 4, e4104.	1.1	21
16	Functional analysis of GS28, an intra-Golgi SNARE, in <i>Caenorhabditis elegans</i> . <i>Genes To Cells</i> , 2009, 14, 1003-1013.	0.5	15
17	Neddylated Cullin 3 is required for vascular endothelial-cadherin-mediated endothelial barrier function. <i>Cancer Science</i> , 2017, 108, 208-215.	1.7	15
18	PSMA-positive membranes secreted from prostate cancer cells have potency to transform vascular endothelial cells into an angiogenic state. <i>Prostate</i> , 2021, 81, 1390-1401.	1.2	14

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19	CNKS1R1 serves as a scaffold to activate an EGFR phosphatase via exclusive interaction with RhoB-GTP. <i>Life Science Alliance</i> , 2021, 4, e202101095.	1.3	12
20	The Roles of SPOP in DNA Damage Response and DNA Replication. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7293.	1.8	11
21	SPOP is essential for DNA-protein cross-link repair in prostate cancer cells: SPOP-dependent removal of topoisomerase 2A from the topoisomerase 2A-DNA cleavage complex. <i>Molecular Biology of the Cell</i> , 2020, 31, 478-490.	0.9	11
22	Prospect of divergent roles for the CUL3 system in vascular endothelial cell function and angiogenesis. <i>Journal of Biochemistry</i> , 2017, 162, 237-245.	0.9	8
23	Development of Human CBF1-Targeting Single-Stranded DNA Aptamers with Antiangiogenic Activity <i>In Vitro</i> . <i>Nucleic Acid Therapeutics</i> , 2020, 30, 365-378.	2.0	8
24	Cullin-3/KCTD10 complex is essential for K27-polyubiquitination of EIF3D in human hepatocellular carcinoma HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 1116-1122.	1.0	7
25	ANKFY1 is essential for retinal endothelial cell proliferation and migration via VEGFR2/Akt/eNOS pathway. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 1406-1412.	1.0	7
26	KCTD10 Biology: An Adaptor for the Ubiquitin E3 Complex Meets Multiple Substrates. <i>BioEssays</i> , 2020, 42, 1900256.	1.2	6
27	Piezo1 activation using Yoda1 inhibits macropinocytosis in A431 human epidermoid carcinoma cells. <i>Scientific Reports</i> , 2022, 12, 6322.	1.6	6
28	Inner Nuclear Membrane Protein, SUN1, is Required for Cytoskeletal Force Generation and Focal Adhesion Maturation. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	6
29	Enforced expression of phosphatidylinositol 4-phosphate 5-kinase homolog alters PtdIns(4,5)P2 distribution and the localization of small G-proteins. <i>Scientific Reports</i> , 2019, 9, 14789.	1.6	4
30	Cullin 3 regulates ADAMs-mediated ectodomain shedding of amphiregulin. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 17-23.	1.0	2
31	Effect of PSMA-positive membranes secreted from prostate cancer cells on vascular endothelial cells. <i>Journal of Clinical Oncology</i> , 2022, 40, 141-141.	0.8	1
32	The role of ANKFY1 in endothelial cells for retinal angiogenesis. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2021, 94, 2-Y-E3-4.	0.0	0
33	MP51-09 THE NOVEL ROLE OF SPOP IN REGULATING TOPOISOMERASE 2A IN PROSTATE CANCER CELLS AS A POTENTIAL THERAPEUTIC MARKER FOR DNA REPAIR TARGETED THERAPY. <i>Journal of Urology</i> , 2020, 203, .	0.2	0
34	Abstract P5-10-02: A novel mechanism of phosphatase activation for EGFR by Cullin-3/KCTD10 ubiquitin E3 complex in HER2-positive breast cancer cells. <i>Cancer Research</i> , 2022, 82, P5-10-02-P5-10-02.	0.4	0