

Masashi Maekawa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

728
citations

14
h-index

26
g-index

36
ext. papers

938
ext. citations

5.1
avg, IF

4.49
L-index

#	Paper	IF	Citations
32	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	10.1	
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	2.2	
30	Piezo1 activation using Yoda1 inhibits macropinocytosis in A431 human epidermoid carcinoma cells.. <i>Scientific Reports</i> , 2022 , 12, 6322	4.9	2
29	CNKS1R1 serves as a scaffold to activate an EGFR phosphatase via exclusive interaction with RhoB-GTP. <i>Life Science Alliance</i> , 2021 , 4,	5.8	3
28	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	
27	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	4.2	2
26	KCTD10 Biology: An Adaptor for the Ubiquitin E3 Complex Meets Multiple Substrates: Emerging Divergent Roles of the cullin-3/KCTD10 E3 Ubiquitin Ligase Complex in Various Cell Lines. <i>BioEssays</i> , 2020 , 42, e1900256	4.1	5
25	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	3.5	7
24	The Roles of SPOP in DNA Damage Response and DNA Replication. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
23	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	3.4	1
22	Development of Human CBF1-Targeting Single-Stranded DNA Aptamers with Antiangiogenic Activity. <i>Nucleic Acid Therapeutics</i> , 2020 , 30, 365-378	4.8	4
21	The E3 ubiquitin ligase MIB2 enhances inflammation by degrading the deubiquitinating enzyme CYLD. <i>Journal of Biological Chemistry</i> , 2019 , 294, 14135-14148	5.4	13
20	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	3.4	4
19	Enforced expression of phosphatidylinositol 4-phosphate 5-kinase homolog alters PtdIns(4,5)P distribution and the localization of small G-proteins. <i>Scientific Reports</i> , 2019 , 9, 14789	4.9	1
18	SNX9 determines the surface levels of integrin β in vascular endothelial cells: Implication in poor prognosis of human colorectal cancers overexpressing SNX9. <i>Journal of Cellular Physiology</i> , 2019 , 234, 17280-17294	7	18
17	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	6.9	25
16	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	7.3	29

15	Cullin 3 regulates ADAMs-mediated ectodomain shedding of amphiregulin. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 499, 17-23	3.4	1
14	Neddylated Cullin 3 is required for vascular endothelial-cadherin-mediated endothelial barrier function. <i>Cancer Science</i> , 2017 , 108, 208-215	6.9	13
13	Cullin-3 and its adaptor protein ANKFY1 determine the surface level of integrin β in endothelial cells. <i>Biology Open</i> , 2017 , 6, 1707-1719	2.2	18
12	Prospect of divergent roles for the CUL3 system in vascular endothelial cell function and angiogenesis. <i>Journal of Biochemistry</i> , 2017 , 162, 237-245	3.1	6
11	Membrane curvature induced by proximity of anionic phospholipids can initiate endocytosis. <i>Nature Communications</i> , 2017 , 8, 1393	17.4	59
10	Domain 4 (D4) of Perfringolysin O to Visualize Cholesterol in Cellular Membranes-The Update. <i>Sensors</i> , 2017 , 17,	3.8	24
9	Inhibition of Acid Sphingomyelinase Depletes Cellular Phosphatidylserine and Mislocalizes K-Ras from the Plasma Membrane. <i>Molecular and Cellular Biology</i> , 2016 , 36, 363-74	4.8	57
8	Perfringolysin O Theta Toxin as a Tool to Monitor the Distribution and Inhomogeneity of Cholesterol in Cellular Membranes. <i>Toxins</i> , 2016 , 8,	4.9	31
7	Staurosporines decrease ORMDL proteins and enhance sphingomyelin synthesis resulting in depletion of plasmalemmal phosphatidylserine. <i>Scientific Reports</i> , 2016 , 6, 35762	4.9	20
6	Complementary probes reveal that phosphatidylserine is required for the proper transbilayer distribution of cholesterol. <i>Journal of Cell Science</i> , 2015 , 128, 1422-33	5.3	133
5	Molecular probes to visualize the location, organization and dynamics of lipids. <i>Journal of Cell Science</i> , 2014 , 127, 4801-12	5.3	64
4	Small GTPases and phosphoinositides in the regulatory mechanisms of macropinosome formation and maturation. <i>Frontiers in Physiology</i> , 2014 , 5, 374	4.6	83
3	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	11.5	69
2	Functional analysis of GS28, an intra-Golgi SNARE, in <i>Caenorhabditis elegans</i> . <i>Genes To Cells</i> , 2009 , 14, 1003-13	2.3	13
1	Nematode homologue of PQBP1, a mental retardation causative gene, is involved in lipid metabolism. <i>PLoS ONE</i> , 2009 , 4, e4104	3.7	18