

Junichi Ikenouchi

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

3,901
citations

331670

21
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361022

35
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37
docs citations

37
times ranked

5269
citing authors

#	ARTICLE	IF	CITATIONS
1	A Clockwork Bleb: cytoskeleton, calcium, and cytoplasmic fluidity. <i>FEBS Journal</i> , 2022, 289, 7907-7917.	4.7	7
2	Tricellulin secures the epithelial barrier at tricellular junctions by interacting with actomyosin. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	20
3	mTORC2 suppresses cell death induced by hypo-osmotic stress by promoting sphingomyelin transport. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	1
4	STIM-Orai1 signaling regulates fluidity of cytoplasm during membrane blebbing. <i>Nature Communications</i> , 2021, 12, 480.	12.8	20
5	MAGIs regulate aPKC to enable balanced distribution of intercellular tension for epithelial sheet homeostasis. <i>Communications Biology</i> , 2021, 4, 337.	4.4	7
6	Coordinated changes in cell membrane and cytoplasm during maturation of apoptotic bleb. <i>Molecular Biology of the Cell</i> , 2020, 31, 833-844.	2.1	29
7	Cell Adhesion Structures in Epithelial Cells Are Formed in Dynamic and Cooperative Ways. <i>BioEssays</i> , 2019, 41, e1800227.	2.5	13
8	Regulation of the epithelial barrier by post-translational modifications of tight junction membrane proteins. <i>Journal of Biochemistry</i> , 2018, 163, 265-272.	1.7	59
9	Adherens junctions influence tight junction formation via changes in membrane lipid composition. <i>Journal of Cell Biology</i> , 2018, 217, 2373-2381.	5.2	53
10	Roles of membrane lipids in the organization of epithelial cells: Old and new problems. <i>Tissue Barriers</i> , 2018, 6, 1-8.	3.2	19
11	Î±-Catenin Controls the Anisotropy of Force Distribution at Cell-Cell Junctions during Collective Cell Migration. <i>Cell Reports</i> , 2018, 23, 3447-3456.	6.4	39
12	Cell surface flip-flop of phosphatidylserine is critical for PIEZO1-mediated myotube formation. <i>Nature Communications</i> , 2018, 9, 2049.	12.8	127
13	Membrane bleb: A seesaw game of two small GTPases. <i>Small GTPases</i> , 2017, 8, 85-89.	1.6	17
14	Emphatic visualization of sphingomyelin-rich domains by inter-lipid FRET imaging using fluorescent sphingomyelins. <i>Scientific Reports</i> , 2017, 7, 16801.	3.3	12
15	How do cells sense actin cortex-free membrane?. <i>Cell Cycle</i> , 2016, 15, 2687-2688.	2.6	1
16	DAAM1 stabilizes epithelial junctions by restraining WAVE complex-dependent lateral membrane motility. <i>Journal of Cell Biology</i> , 2016, 215, 559-573.	5.2	28
17	A RhoA and Rnd3 cycle regulates actin reassembly during membrane blebbing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1863-71.	7.1	55
18	CaMKII regulates the strength of the epithelial barrier. <i>Scientific Reports</i> , 2015, 5, 13262.	3.3	24

#	ARTICLE	IF	CITATIONS
19	Targeting Cholesterol in a Liquid-Disordered Environment by Theonellamides Modulates Cell Membrane Order and Cell Shape. <i>Chemistry and Biology</i> , 2015, 22, 604-610.	6.0	20
20	EPLIN is a crucial regulator for extrusion of RasV12-transformed cells. <i>Journal of Cell Science</i> , 2015, 128, 781-9.	2.0	65
21	Tricellulin regulates junctional tension of epithelial cells at tricellular contacts via Cdc42. <i>Journal of Cell Science</i> , 2014, 127, 4201-12.	2.0	60
22	Sphingomyelin clustering is essential for the formation of microvilli. <i>Journal of Cell Science</i> , 2013, 126, 3585-92.	2.0	41
23	Lipid Polarity Is Maintained in Absence of Tight Junctions. <i>Journal of Biological Chemistry</i> , 2012, 287, 9525-9533.	3.4	41
24	Upregulated function of mitochondria-associated ER membranes in Alzheimer disease. <i>EMBO Journal</i> , 2012, 31, 4106-4123.	7.8	497
25	Phosphorylation state regulates the localization of Scribble at adherens junctions and its association with E-cadherin-catenin complexes. <i>Experimental Cell Research</i> , 2011, 317, 413-422.	2.6	22
26	LSR defines cell corners for tricellular tight junction formation in epithelial cells. <i>Journal of Cell Science</i> , 2011, 124, 548-555.	2.0	206
27	FRMD4A regulates epithelial polarity by connecting Arf6 activation with the PAR complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 748-753.	7.1	80
28	Defining the Roles of β -Catenin and Plakoglobin in LEF/T-Cell Factor-Dependent Transcription Using β -Catenin/Plakoglobin-Null F9 Cells. <i>Molecular and Cellular Biology</i> , 2008, 28, 825-835.	2.3	41
29	Loss of Occludin Affects Tricellular Localization of Tricellulin. <i>Molecular Biology of the Cell</i> , 2008, 19, 4687-4693.	2.1	172
30	Requirement of ZO-1 for the formation of belt-like adherens junctions during epithelial cell polarization. <i>Journal of Cell Biology</i> , 2007, 176, 779-786.	5.2	151
31	ZO-1 and ZO-2 Independently Determine Where Claudins Are Polymerized in Tight-Junction Strand Formation. <i>Cell</i> , 2006, 126, 741-754.	28.9	685
32	Apical membrane and junctional complex formation during simple epithelial cell differentiation of F9 cells. <i>Genes To Cells</i> , 2005, 10, 1065-1080.	1.2	20
33	Tricellulin constitutes a novel barrier at tricellular contacts of epithelial cells. <i>Journal of Cell Biology</i> , 2005, 171, 939-945.	5.2	664
34	Regulation of tight junctions during the epithelium-mesenchyme transition: direct repression of the gene expression of claudins/occludin by Snail. <i>Journal of Cell Science</i> , 2003, 116, 1959-1967.	2.0	584
35	Embryonic hydromyelia: cystic dilatation of the lumbosacral neural tube in human embryos. <i>Acta Neuropathologica</i> , 2002, 103, 248-254.	7.7	21