

Kyoko Furuse

List of Publications by Year in descending order

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19
papers

4,705
citations

516710

16
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

4405
citing authors

#	ARTICLE	IF	CITATIONS
1	Claudin-based tight junctions are crucial for the mammalian epidermal barrier. <i>Journal of Cell Biology</i> , 2002, 156, 1099-1111.	5.2	1,336
2	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
3	Conversion of <i>Zonulae Occludentes</i> from Tight to Leaky Strand Type by Introducing Claudin-2 into Madin-Darby Canine Kidney I Cells. <i>Journal of Cell Biology</i> , 2001, 153, 263-272.	5.2	667
4	Tricellulin constitutes a novel barrier at tricellular contacts of epithelial cells. <i>Journal of Cell Biology</i> , 2005, 171, 939-945.	5.2	664
5	Claudin-2-deficient mice are defective in the leaky and cation-selective paracellular permeability properties of renal proximal tubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8011-8016.	7.1	257
6	Establishment and Characterization of Cultured Epithelial Cells Lacking Expression of ZO-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 44785-44794.	3.4	229
7	Dynamic behavior of paired claudin strands within apposing plasma membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3971-3976.	7.1	209
8	Compartmentalization established by claudin-11-based tight junctions in stria vascularis is required for hearing through generation of endocochlear potential. <i>Journal of Cell Science</i> , 2004, 117, 5087-5096.	2.0	169
9	Claudins and JAM-A coordinately regulate tight junction formation and epithelial polarity. <i>Journal of Cell Biology</i> , 2019, 218, 3372-3396.	5.2	152
10	Normal Establishment of Epithelial Tight Junctions in Mice and Cultured Cells Lacking Expression of ZO-3, a Tight-Junction MAGUK Protein. <i>Molecular and Cellular Biology</i> , 2006, 26, 9003-9015.	2.3	76
11	JACOP, a Novel Plaque Protein Localizing at the Apical Junctional Complex with Sequence Similarity to Cingulin. <i>Journal of Biological Chemistry</i> , 2004, 279, 46014-46022.	3.4	71
12	Expression of claudin-5 in dermal vascular endothelia. <i>Experimental Dermatology</i> , 2003, 12, 289-295.	2.9	52
13	A tetraspanin regulates septate junction formation in <i>Drosophila</i> midgut. <i>Journal of Cell Science</i> , 2016, 129, 1155-64.	2.0	45
14	Angulin-1 seals tricellular contacts independently of tricellulin and claudins. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	27
15	Septate junctions regulate gut homeostasis through regulation of stem cell proliferation and enterocyte behavior in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2019, 132, .	2.0	25
16	Molecular characterization of water-selective AQP (EbAQP4) in hagfish: insight into ancestral origin of AQP4. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R644-R651.	1.8	18
17	Claudin-9 constitutes tight junctions of folliculo-stellate cells in the anterior pituitary gland. <i>Scientific Reports</i> , 2021, 11, 21642.	3.3	9
18	The novel membrane protein Hoka regulates septate junction organization and stem cell homeostasis in the <i>Drosophila</i> gut. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	8

#	ARTICLE	IF	CITATIONS
19	A tetraspanin regulates septate junction formation in <i>Drosophila</i> midgut. <i>Development</i> (Cambridge), 2016, 143, e1.1-e1.1.	2.5	2