

Hiroyuki Sasaki

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

4,651
citations

331259

21
h-index

476904

29
g-index

31
all docs

31
docs citations

31
times ranked

5292
citing authors

#	ARTICLE	IF	CITATIONS
1	Size-selective loosening of the blood-brain barrier in claudin-5-deficient mice. <i>Journal of Cell Biology</i> , 2003, 161, 653-660.	2.3	1,557
2	Endothelial Claudin. <i>Journal of Cell Biology</i> , 1999, 147, 185-194.	2.3	774
3	External antigen uptake by Langerhans cells with reorganization of epidermal tight junction barriers. <i>Journal of Experimental Medicine</i> , 2009, 206, 2937-2946.	4.2	429
4	Junctional adhesion molecule (JAM) binds to PAR-3. <i>Journal of Cell Biology</i> , 2001, 154, 491-498.	2.3	346
5	Tight Junction-associated MARVEL Proteins MarvelD3, Tricellulin, and Occludin Have Distinct but Overlapping Functions. <i>Molecular Biology of the Cell</i> , 2010, 21, 1200-1213.	0.9	264
6	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.	3.3	257
7	LSR defines cell corners for tricellular tight junction formation in epithelial cells. <i>Journal of Cell Science</i> , 2011, 124, 548-555.	1.2	206
8	Claudins in <i>Caenorhabditis elegans</i> . <i>Current Biology</i> , 2003, 13, 1042-1046.	1.8	79
9	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.	1.6	71
10	Interaction of β_1 -Adrenoceptor Subtypes With Different G Proteins Induces Opposite Effects on Cardiac L-type Ca^{2+} Channel. <i>Circulation Research</i> , 2008, 102, 1378-1388.	2.0	69
11	A look at tricellulin and its role in tight junction formation and maintenance. <i>European Journal of Cell Biology</i> , 2011, 90, 787-796.	1.6	69
12	TTC26/DYF13 is an intraflagellar transport protein required for transport of motility-related proteins into flagella. <i>ELife</i> , 2014, 3, e01566.	2.8	69
13	Relationship between expression of tight junction-related molecules and perturbed epidermal barrier function in UVB-irradiated hairless mice. <i>Archives of Dermatological Research</i> , 2008, 300, 61-68.	1.1	60
14	Molecular Architecture of Tight Junctions of Periderm Differs From That of the Maculae Occludentes of Epidermis. <i>Journal of Investigative Dermatology</i> , 2002, 118, 1073-1079.	0.3	54
15	Expression of claudin-5 in dermal vascular endothelia. <i>Experimental Dermatology</i> , 2003, 12, 289-295.	1.4	52
16	Hydrophilic bile acids protect human blood-brain barrier endothelial cells from disruption by unconjugated bilirubin: an in vitro study. <i>Frontiers in Neuroscience</i> , 2015, 9, 80.	1.4	50
17	Membrane-embedded C-terminal Segment of Rat Mitochondrial TOM40 Constitutes Protein-conducting Pore with Enriched β -Structure. <i>Journal of Biological Chemistry</i> , 2004, 279, 50619-50629.	1.6	48
18	Electron tomography of fast frozen, stretched rigor fibers reveals elastic distortions in the myosin crossbridges. <i>Journal of Structural Biology</i> , 2004, 147, 268-282.	1.3	48

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19	Time-dependent dual effects of high levels of unconjugated bilirubin on the human blood-brain barrier lining. <i>Frontiers in Cellular Neuroscience</i> , 2012, 6, 22.	1.8	44
20	Tight junction regulates epidermal calcium ion gradient and differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 506-511.	1.0	31
21	A unique mode of keratinocyte death requires intracellular acidification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	29
22	Protein kinase A-dependent phosphorylation of ryanodine receptors increases Ca ²⁺ leak in mouse heart. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 87-92.	1.0	24
23	Fine architecture of the splenic terminal vascular bed as revealed by arterial and venous pressure-loading perfusion fixation. <i>Journal of Electron Microscopy Technique</i> , 1989, 12, 132-145.	1.1	7
24	Virolysis and In Vitro Neutralization of HIV-1 by Humanized Monoclonal Antibody hNM-01. <i>Hybridoma</i> , 2000, 19, 427-434.	0.9	5
25	Morphological and Functional Analyses of the Tight Junction in the Palatal Epithelium of Mouse. <i>Acta Histochemica Et Cytochemica</i> , 2017, 50, 119-125.	0.8	3
26	Intercellular junction of urodeal and phallic epithelial cells in the guinea fowl, <i>Numida meleagris</i> .. <i>Nihon Juigaku Zasshi</i> , 1983, 45, 313-321.	0.3	2
27	Vascular System of Paracloacal Vascular Body in the Guinea Fowl, <i>Numida meleagris</i> . <i>Nihon Juigaku Zasshi</i> , 1984, 46, 425-435.	0.3	2
28	Electron microscopic observations on protein fractions released from CAF (Ca ²⁺ -activated) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 To	0.3	1
29	Novel electron microscopic staining method using traditional dye, hematoxylin. <i>Scientific Reports</i> , 2022, 12, 7756.	1.6	1
30	Histological development of the paracloacal vascular body in the male embryo of muscovy duck, <i>Cairina moschata</i> .. <i>Nihon Juigaku Zasshi</i> , 1984, 46, 291-296.	0.3	0
31	Correlation between radiographic morphometry and body surface somatometry for foot arches. <i>Journal of Physical Therapy Science</i> , 2019, 31, 901-906.	0.2	0