

Masahiko Itoh

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

5,290
citations

687220

13
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

5120
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional strands in tight junctions. <i>Nature Reviews Molecular Cell Biology</i> , 2001, 2, 285-293.	16.1	2,198
2	Direct Binding of Three Tight Junction-Associated Maguks, Zo-1, Zo-2, and Zo-3, with the CooH Termini of Claudins. <i>Journal of Cell Biology</i> , 1999, 147, 1351-1363.	2.3	993
3	Involvement of ZO-1 in Cadherin-based Cell Adhesion through Its Direct Binding to β -Catenin and Actin Filaments. <i>Journal of Cell Biology</i> , 1997, 138, 181-192.	2.3	627
4	Junctional adhesion molecule (JAM) binds to PAR-3. <i>Journal of Cell Biology</i> , 2001, 154, 491-498.	2.3	346
5	Functional Domains of β -Catenin Required for the Strong State of Cadherin-based Cell Adhesion. <i>Journal of Cell Biology</i> , 1999, 144, 1311-1322.	2.3	246
6	Deficiency of Zonula Occludens-1 Causes Embryonic Lethal Phenotype Associated with Defected Yolk Sac Angiogenesis and Apoptosis of Embryonic Cells. <i>Molecular Biology of the Cell</i> , 2008, 19, 2465-2475.	0.9	244
7	Differential behavior of E-cadherin and occludin in their colocalization with ZO-1 during the establishment of epithelial cell polarity. , 1999, 179, 115-125.		151
8	The Organization of Tight Junctions in Epithelia: Implications for Mammary Gland Biology and Breast Tumorigenesis. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2003, 8, 449-462.	1.0	133
9	Rap1 Integrates Tissue Polarity, Lumen Formation, and Tumorigenic Potential in Human Breast Epithelial Cells. <i>Cancer Research</i> , 2007, 67, 4759-4766.	0.4	89
10	Rho GTP exchange factor ARHGEF11 regulates the integrity of epithelial junctions by connecting ZO-1 and RhoA-Myosin II signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9905-9910.	3.3	74
11	Molecular Dissection of Tight Junctions.. <i>Cell Structure and Function</i> , 1996, 21, 381-385.	0.5	55
12	The Structural and Functional Organization of the Podocyte Filtration Slits Is Regulated by Tjp1/ZO-1. <i>PLoS ONE</i> , 2014, 9, e106621.	1.1	49
13	Effects of the differential expression of $ZO-1$ and $ZO-2$ on podocyte structure and function. <i>Genes To Cells</i> , 2018, 23, 546-556.	0.5	20
14	Human Rho Guanine Nucleotide Exchange Factor 11 (ARHGEF11) Regulates Dendritic Morphogenesis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 67.	1.8	18
15	The exon 38-containing ARHGEF11 splice isoform is differentially expressed and is required for migration and growth in invasive breast cancer cells. <i>Oncotarget</i> , 2017, 8, 92157-92170.	0.8	15
16	Selective expression of claudin-5 in thymic endothelial cells regulates the blood-thymus barrier and T-cell export. <i>International Immunology</i> , 2021, 33, 171-182.	1.8	13
17	The zonula occludens protein family regulates the hepatic barrier system in the murine liver. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 165994.	1.8	12
18	ARHGEF11, a regulator of junction-associated actomyosin in epithelial cells. <i>Tissue Barriers</i> , 2013, 1, e24221.	1.6	7