Shin-ichiro Kitajiri

List of Publications by Year
in descending order

28	1,228	567281 15	526287 27
papers	citations	h-index	g-index

29	29	29	1649
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tricellulin Is a Tight-Junction Protein Necessary for Hearing. American Journal of Human Genetics, 2006, 79, 1040-1051.	6.2	248
2	Analysis of the angulin family consisting of LSR, ILDR1 and ILDR2: tricellulin recruitment, epithelial barrier function and implication in deafness pathogenesis. Journal of Cell Science, 2013, 126, 966-77.	2.0	170
3	Compartmentalization established by claudin-11-based tight junctions in stria vascularis is required for hearing through generation of endocochlear potential. Journal of Cell Science, 2004, 117, 5087-5096.	2.0	169
4	Actin-Bundling Protein TRIOBP Forms Resilient Rootlets of Hair Cell Stereocilia Essential for Hearing. Cell, 2010, 141, 786-798.	28.9	167
5	Deafness in occludin-deficient mice with dislocation of tricellulin and progressive apoptosis of the hair cells. Biology Open, 2014, 3, 759-766.	1.2	61
6	Limited hair cell induction from human induced pluripotent stem cells using a simple stepwise method. Neuroscience Letters, 2015, 599, 49-54.	2.1	55
7	Constitutive activation of <scp>DIA</scp> 1 (<scp>DIAPH</scp> 1) via Câ€terminal truncation causes human sensorineural hearing loss. EMBO Molecular Medicine, 2016, 8, 1310-1324.	6.9	51
8	Deficiency of Angulin-2/ILDR1, a Tricellular Tight Junction-Associated Membrane Protein, Causes Deafness with Cochlear Hair Cell Degeneration in Mice. PLoS ONE, 2015, 10, e0120674.	2.5	40
9	TRIOBP-5 sculpts stereocilia rootlets and stiffens supporting cells enabling hearing. JCI Insight, 2019, 4, .	5.0	29
10	Mutational Spectrum and Clinical Features of Patients With ACTG1 Mutations Identified by Massively Parallel DNA Sequencing. Annals of Otology, Rhinology and Laryngology, 2015, 124, 84S-93S.	1.1	23
11	Digenic inheritance of mutations in EPHA2 and SLC26A4 in Pendred syndrome. Nature Communications, 2020, 11, 1343.	12.8	22
12	Tricellular Tight Junctions in the Inner Ear. BioMed Research International, 2016, 2016, 1-5.	1.9	20
13	The use of a MITO-Porter to deliver exogenous therapeutic RNA to a mitochondrial diseaseâ€™s cell with a A1555G mutation in the mitochondrial 12S rRNA gene results in an increase in mitochondrial respiratory activity. Mitochondrion, 2020, 55, 134-144.	3.4	20
14	Carrier frequency of the GJB2 mutations that cause hereditary hearing loss in the Japanese population. Journal of Human Genetics, 2015, 60, 613-617.	2.3	19
15	R1 Motif Is the Major Actin-Binding Domain of TRIOBP-4. Biochemistry, 2013, 52, 5256-5264.	2.5	17
16	A novel splice site mutation of myosin VI in mice leads to stereociliary fusion caused by disruption of actin networks in the apical region of inner ear hair cells. PLoS ONE, 2017, 12, e0183477.	2.5	17
17	Mid-Frequency Hearing Loss Is Characteristic Clinical Feature of OTOA-Associated Hearing Loss. Genes, 2019, 10, 715.	2.4	15
18	Novel ACTG1 mutations in patients identified by massively parallel DNA sequencing cause progressive hearing loss. Scientific Reports, 2020, 10, 7056.	3.3	15

#	Article	IF	Citations
19	The actin-bundling protein TRIOBP-4 and -5 promotes the motility of pancreatic cancer cells. Cancer Letters, 2015, 356, 367-373.	7.2	14
20	Cochlear supporting cells function as macrophage-like cells and protect audiosensory receptor hair cells from pathogens. Scientific Reports, 2020, 10, 6740.	3.3	13
21	Clinical Characteristics and In Vitro Analysis of MYO6 Variants Causing Late-onset Progressive Hearing Loss. Genes, 2020, 11, 273.	2.4	12
22	Human deafness-associated variants alter the dynamics of key molecules in hair cell stereocilia F-actin cores. Human Genetics, 2022, 141, 363-382.	3.8	12
23	Prevalence and Clinical Characteristics of Hearing Loss Caused by MYH14 Variants. Genes, 2021, 12, 1623.	2.4	5
24	The presence of large lymph node metastasis as a prognostic factor of papillary thyroid carcinoma. Auris Nasus Larynx, 2003, 30, 169-174.	1.2	4
25	Detailed Clinical Features of Deafness Caused by a Claudin-14 Variant. International Journal of Molecular Sciences, 2019, 20, 4579.	4.1	4
26	Virus-infection in cochlear supporting cells induces audiosensory receptor hair cell death by TRAIL-induced necroptosis. PLoS ONE, 2021, 16, e0260443.	2.5	3
27	Unbalanced bidirectional radial stiffness gradients within the organ of Corti promoted by TRIOBP. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	3
28	Genes related to hearing disorders. Acta Oto-Laryngologica, 2004, 124, 10-13.	0.9	0