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	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
2	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
3	Prevalence and Clinical Characteristics of Hearing Loss Caused by MYH14 Variants. Genes, 2021, 12, 1623.	2.4	5
4	Virus-infection in cochlear supporting cells induces audiosensory receptor hair cell death by TRAIL-induced necroptosis. PLoS ONE, 2021, 16, e0260443.	2.5	3
5	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
6	Clinical Characteristics and In Vitro Analysis of MYO6 Variants Causing Late-onset Progressive Hearing Loss. Genes, 2020, 11, 273.	2.4	12
7	Digenic inheritance of mutations in EPHA2 and SLC26A4 in Pendred syndrome. Nature Communications, 2020, 11, 1343.	12.8	22
8	Novel ACTG1 mutations in patients identified by massively parallel DNA sequencing cause progressive hearing loss. Scientific Reports, 2020, 10, 7056.	3.3	15
9	Cochlear supporting cells function as macrophage-like cells and protect audiosensory receptor hair cells from pathogens. Scientific Reports, 2020, 10, 6740.	3.3	13
10	Mid-Frequency Hearing Loss Is Characteristic Clinical Feature of OTOA-Associated Hearing Loss. Genes, 2019, 10, 715.	2.4	15
11	Detailed Clinical Features of Deafness Caused by a Claudin-14 Variant. International Journal of Molecular Sciences, 2019, 20, 4579.	4.1	4
12	TRIOBP-5 sculpts stereocilia rootlets and stiffens supporting cells enabling hearing. JCI Insight, 2019, 4, .	5.0	29
13	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
14	Tricellular Tight Junctions in the Inner Ear. BioMed Research International, 2016, 2016, 1-5.	1.9	20
15	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
16	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
17	Limited hair cell induction from human induced pluripotent stem cells using a simple stepwise method. Neuroscience Letters, 2015, 599, 49-54.	2.1	55
18	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

#	Article	IF	Citations
19	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
20	The actin-bundling protein TRIOBP-4 and -5 promotes the motility of pancreatic cancer cells. Cancer Letters, 2015, 356, 367-373.	7.2	14
21	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
22	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
23	R1 Motif Is the Major Actin-Binding Domain of TRIOBP-4. Biochemistry, 2013, 52, 5256-5264.	2.5	17
24	Actin-Bundling Protein TRIOBP Forms Resilient Rootlets of Hair Cell Stereocilia Essential for Hearing. Cell, 2010, 141, 786-798.	28.9	167
25	Tricellulin Is a Tight-Junction Protein Necessary for Hearing. American Journal of Human Genetics, 2006, 79, 1040-1051.	6.2	248
26	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
27	Genes related to hearing disorders. Acta Oto-Laryngologica, 2004, 124, 10-13.	0.9	0
28	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