Tomoko Makishima

List of Publications by Year in descending order

32 papers	1,798 citations	331670 21 h-index	501196 28 g-index
33 all docs	33 docs citations	33 times ranked	1949 citing authors

#	Article	IF	Citations
1	Dominant and recessive deafness caused by mutations of a novel gene, TMC1, required for cochlear hair-cell function. Nature Genetics, 2002, 30, 277-284.	21.4	395
2	Mechanotransduction in mouse inner ear hair cells requires transmembrane channelâ€“like genes. Journal of Clinical Investigation, 2011, 121, 4796-4809.	8.2	352
3	Nonsyndromic recessive deafness DFNB18 and Usher syndrome type IC are allelic mutations of USHIC. Human Genetics, 2002, 110, 527-531.	3.8	141
4	An Arabidopsis thaliana cDNA complementing a hamster apoptosis suppressor mutant. Plant Journal, 1997, 11, 1325-1331.	5.7	112
5	dad-1, A Putative Programmed Cell Death Suppressor Gene in Rice. Plant and Cell Physiology, 1997, 38, 379-383.	3.1	70
6	Animal Model of Sensorineural Hearing Loss Associated with Lassa Virus Infection. Journal of Virology, 2016, 90, 2920-2927.	3.4	67
7	Topology of Transmembrane Channel-like Gene 1 Protein. Biochemistry, 2010, 49, 8592-8598.	2.5	59
8	Identities, frequencies and origins of TMC1 mutations causing DFNB7/B11 deafness in Pakistan. Clinical Genetics, 2007, 72, 546-550.	2.0	58
9	The highly conserved DAD1 protein involved in apoptosis is required for N-linked glycosylation. Genes To Cells, 1997, 2, 129-141.	1.2	51
10	A Subunit of the Mammalian Oligosaccharyltransferase, DADI, Interacts with Mcl-1, one of the bcl-2 Protein Family. Journal of Biochemistry, 2000, 128, 399-405.	1.7	48
11	Analysis of Auditory Phenotype and Karyotype in 200 Females with Turner Syndrome. Ear and Hearing, 2007, 28, 831-841.	2.1	46
12	A novel mutation at the DFNA36 hearing loss locus reveals a critical function and potential genotypeâ€“phenotype correlation for amino acidâ€572 of TMC1. Clinical Genetics, 2007, 71, 148-152.	2.0	45
13	Regeneration Profiles of Olfactory Epithelium after SARS-CoV-2 Infection in Golden Syrian Hamsters. ACS Chemical Neuroscience, 2021, 12, 589-595.	3.5	43
14	Nonsyndromic hearing loss DFNA10 and a novel mutation of EYA4: Evidence for correlation of normal cardiac phenotype with truncating mutations of the Eya domain. American Journal of Medical Genetics, Part A, 2007, 143A, 1592-1598.	1.2	42
15	Deafness Due to Degeneration of Cochlear Neurons in Caspase-3-Deficient Mice. Biochemical and Biophysical Research Communications, 2001, 284, 142-149.	2.1	34
16	Col11a1andcol11a2mRNA expression in the developing mouse Cochlea: Implications for the correlation of hearing loss phenotype with mutant type XI collagen genotype. Acta Oto-Laryngologica, 2004, 124, 242-248.	0.9	34
17	Multiple Quantitative Trait Loci Modify Cochlear Hair Cell Degeneration in the Beethoven (Tmc1Bth) Mouse Model of Progressive Hearing Loss DFNA36. Genetics, 2006, 173, 2111-2119.	2.9	34
18	Targeted disruption of mouse Coch provides functional evidence that DFNA9 hearing loss is not a COCH haploinsufficiency disorder. Human Genetics, 2005, 118, 29-34.	3.8	33

#	Article	IF	Citations
19	Otolaryngologic markers for the early diagnosis of Turner syndrome. International Journal of Pediatric Otorhinolaryngology, 2009, 73, 1564-1567.	1.0	27
20	Inner ear dysfunction in caspase-3 deficient mice. BMC Neuroscience, 2011, 12, 102.	1.9	25
21	Connexin 26 mutation in keratitisâ€“ichthyosisâ€“deafness (KID) syndrome in mother and daughter with combined conductive and sensorineural hearing loss. International Journal of Dermatology, 2008, 47, 443-447.	1.0	24
22	Early Onset and Rapid Progression of Dominant Nonsyndromic DFNA36 Hearing Loss. Otology and Neurotology, 2004, 25, 714-719.	1.3	21
23	Sex differences in the auditory functions of rodents. Hearing Research, 2022, 419, 108271.	2.0	13
24	Preserved otolith organ function in caspase-3-deficient mice with impaired horizontal semicircular canal function. Experimental Brain Research, 2015, 233, 1825-1835.	1.5	8
25	CD4 T-cell depletion prevents Lassa fever associated hearing loss in the mouse model. PLoS Pathogens, 2022, 18, e1010557.	4.7	6
26	Phialemonium infection complicating chronic suppurative otitis media. Medical Mycology Case Reports, 2014, 4, 5-7.	1.3	4
27	Dynamic characteristics of otolith ocular response during counter rotation about dual yaw axes in mice. Neuroscience, 2015, 285, 204-214.	2.3	4
28	Epidemiological review of confirmed Lassa fever cases during 2016â€“2018, in Plateau State, North Central Nigeria. PLOS Global Public Health, 2022, 2, e0000290.	1.6	2
29	Otolaryngologic Markers for Early Diagnosis of Turner Syndrome. Otolaryngology - Head and Neck Surgery, 2004, 131, P163-P163.	1.9	0
30	Vestibular Ocular Reflex Response in Caspase-3 knockout mice. Laryngoscope, 2010, 120, S88-S88.	2.0	0
31	The role of GABAB receptors in the vestibular oculomotor system in mice. Behavioural Brain Research, 2016, 302, 152-159.	2.2	0
32	The Mutation in the Mitochondrial Genome of the Out-patients with Hearing Impairment.. Audiology Japan, 2001, 44, 54-59.	0.1	0