

Shiming Yang

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

750
citations

759233

12
h-index

610901

24
g-index

85
all docs

85
docs citations

85
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	Noise induced reversible changes of cochlear ribbon synapses contribute to temporary hearing loss in mice. <i>Acta Oto-Laryngologica</i> , 2015, 135, 1093-1102.	0.9	74
2	Development and evaluation of the Nurotron 26-electrode cochlear implant system. <i>Hearing Research</i> , 2015, 322, 188-199.	2.0	69
3	Genome-wide association study identifies three susceptibility loci for laryngeal squamous cell carcinoma in the Chinese population. <i>Nature Genetics</i> , 2014, 46, 1110-1114.	21.4	57
4	A de novo silencer causes elimination of MITF-M expression and profound hearing loss in pigs. <i>BMC Biology</i> , 2016, 14, 52.	3.8	53
5	De novo mutation in ATP6V1B2 impairs lysosome acidification and causes dominant deafness-onychodystrophy syndrome. <i>Cell Research</i> , 2014, 24, 1370-1373.	12.0	52
6	The application of genome editing in studying hearing loss. <i>Hearing Research</i> , 2015, 327, 102-108.	2.0	46
7	Pilot study of large-scale production of mutant pigs by ENU mutagenesis. <i>ELife</i> , 2017, 6, .	6.0	32
8	Creation of miniature pig model of human Waardenburg syndrome type 2A by ENU mutagenesis. <i>Human Genetics</i> , 2017, 136, 1463-1475.	3.8	28
9	Spontaneous and Partial Repair of Ribbon Synapse in Cochlear Inner Hair Cells After Ototoxic Withdrawal. <i>Molecular Neurobiology</i> , 2015, 52, 1680-1689.	4.0	21
10	Characterization of Hair Cell-Like Cells Converted From Supporting Cells After Notch Inhibition in Cultures of the Organ of Corti From Neonatal Gerbils. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 73.	3.7	15
11	Hydrogen-Saturated Saline Protects Intensive Narrow Band Noise-Induced Hearing Loss in Guinea Pigs through an Antioxidant Effect. <i>PLoS ONE</i> , 2014, 9, e100774.	2.5	14
12	Adeno-associated virus transformation into the normal miniature pig and the normal guinea pigs cochlea via scala tympani. <i>Acta Oto-Laryngologica</i> , 2017, 137, 910-916.	0.9	14
13	Cell junction proteins within the cochlea: A review of recent research. <i>Journal of Otology</i> , 2015, 10, 131-135.	1.0	12
14	Transplantation of human umbilical cord mesenchymal stem cells in cochlea to repair sensorineural hearing. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 5235-5245.	0.0	12
15	Molecular mechanisms underlying the protective effects of hydrogen-saturated saline on noise-induced hearing loss. <i>Acta Oto-Laryngologica</i> , 2017, 137, 1063-1068.	0.9	11
16	Rapid analysis of neomycin in cochlear perilymph of guinea pigs using disposable SPE cartridges and high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1093-1094, 52-59.	2.3	10
17	CRISPR/Cas9-mediated correction of MITF homozygous point mutation in a Waardenburg syndrome 2A pig model. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 986-999.	5.1	10
18	Clinical significance of circulating tumor cells in patients with locally advanced head and neck squamous cell carcinoma. <i>Oncology Reports</i> , 2020, 43, 1525-1535.	2.6	10

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19	Determination of Benefits of Cochlear Implantation in Children with Auditory Neuropathy. PLoS ONE, 2015, 10, e0127566.	2.5	9
20	SMAD4 Defect Causes Auditory Neuropathy Via Specialized Disruption of Cochlear Ribbon Synapses in Mice. Molecular Neurobiology, 2016, 53, 5679-5691.	4.0	9
21	A method to induce human cortical long-term potentiation by acoustic stimulation. Acta Oto-Laryngologica, 2017, 137, 1069-1076.	0.9	9
22	MicroRNA-206 has a bright application prospect in the diagnosis of cases with oral cancer. Journal of Cellular and Molecular Medicine, 2021, 25, 8169-8173.	3.6	9
23	Reduction in Noise-Induced Functional Loss of the Cochleae in Mice with Pre-Existing Cochlear Dysfunction Due to Genetic Interference of Prestin. PLoS ONE, 2014, 9, e113990.	2.5	7
24	Cogels of Hyaluronic Acid and Acellular Matrix for Cultivation of Adipose-Derived Stem Cells: Potential Application for Vocal Fold Tissue Engineering. BioMed Research International, 2016, 2016, 1-10.	1.9	7
25	Establishing the standard method of cochlear implant in Rongchang pig. Acta Oto-Laryngologica, 2017, 137, 503-510.	0.9	7
26	Transcription analysis of cochlear development in minipigs. Acta Oto-Laryngologica, 2017, 137, 1166-1173.	0.9	7
27	Maximal number of pre-synaptic ribbons are formed in cochlear region corresponding to middle frequency in mice. Acta Oto-Laryngologica, 2018, 138, 25-30.	0.9	7
28	The use of the MUSS and the SIR scale in late-implanted prelingually deafened adolescents and adults as a subjective evaluation. Acta Oto-Laryngologica, 2020, 140, 94-98.	0.9	7
29	The characteristics of vHIT gain and PR score in peripheral vestibular disorders. Acta Oto-Laryngologica, 2021, 141, 43-49.	0.9	7
30	Unilateral congenital malformations of middle ear with intact external ear: a review of 64 cases. European Archives of Oto-Rhino-Laryngology, 2018, 275, 2467-2472.	1.6	6
31	CD40L-adjuvanted DNA vaccine carrying EBV-LMP2 antigen enhances anti-tumor effect in NPC transplantation tumor animal. Central-European Journal of Immunology, 2018, 43, 117-122.	1.2	6
32	Improvement of otoendoscopic surgery for epitympanic cholesteatoma invading the mastoid. Acta Oto-Laryngologica, 2019, 139, 492-496.	0.9	6
33	Characteristics of hearing loss in elderly outpatients over 60 years of age: an annual cross-sectional study. Acta Oto-Laryngologica, 2021, 141, 762-767.	0.9	6
34	Miniature pigs: a large animal model of cochlear implantation. American Journal of Translational Research (discontinued), 2016, 8, 5494-5502.	0.0	6
35	Aminoglycoside Increases Permeability of Osseous Spiral Laminae of Cochlea by Interrupting MMP-2 and MMP-9 Balance. Neurotoxicity Research, 2017, 31, 348-357.	2.7	5
36	Evaluation of microRNA expression profiling in highly metastatic laryngocarcinoma cells. Acta Oto-Laryngologica, 2018, 138, 1105-1111.	0.9	5

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37	Aberrant promoter methylation reduced the expression of protocadherin 17 in nasopharyngeal cancer. <i>Biochemistry and Cell Biology</i> , 2019, 97, 364-368.	2.0	5
38	Exploratory saccades data analysis of video head impulse test in different Meniere's disease stages. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2022, 32, 183-192.	2.0	5
39	Clinical analysis on surgical management of type III external auditory canal cholesteatoma: a report of 12 cases. <i>Acta Oto-Laryngologica</i> , 2016, 136, 1006-1010.	0.9	4
40	Shape from shading and optical flow used for 3-dimensional reconstruction of endoscope image. <i>Acta Oto-Laryngologica</i> , 2016, 136, 1190-1192.	0.9	4
41	Preliminary application of intra-operative hearing monitoring by tone pip ABR via loudspeakers. <i>Acta Oto-Laryngologica</i> , 2017, 137, 167-173.	0.9	4
42	An investigation of life quality of patients after two different acoustic neuroma resections. <i>Acta Oto-Laryngologica</i> , 2019, 139, 547-551.	0.9	4
43	Clinical characteristics of petrosal cholesteatoma and value of MRI-DWI in the diagnosis. <i>Acta Oto-Laryngologica</i> , 2020, 140, 281-285.	0.9	4
44	Larger tumor size and female gender suggest better tinnitus prognosis after surgical treatment in vestibular schwannoma patients with tinnitus. <i>Acta Oto-Laryngologica</i> , 2020, 140, 373-377.	0.9	4
45	Air and bone-conducted vestibular evoked myogenic potentials in children with large vestibular aqueduct syndrome. <i>Acta Oto-Laryngologica</i> , 2021, 141, 50-56.	0.9	4
46	Objective Recognition of Tinnitus Location Using Electroencephalography Connectivity Features. <i>Frontiers in Neuroscience</i> , 2021, 15, 784721.	2.8	4
47	Generation of a gene corrected human isogenic iPSC line (CPGHi001-A-1) from a hearing loss patient with the TMC1 p.M418K mutation using CRISPR/Cas9. <i>Stem Cell Research</i> , 2022, 60, 102736.	0.7	4
48	Hearing loss and auditory plasticity. <i>Hearing Research</i> , 2017, 347, 1-2.	2.0	3
49	The impact of stapes surgery on osteogenesis imperfecta: a retrospective comparison of operative outcomes with those for patients with otosclerosis. <i>Acta Oto-Laryngologica</i> , 2020, 140, 930-938.	0.9	3
50	Transcript Profiles of Stria Vascularis in Models of Waardenburg Syndrome. <i>Neural Plasticity</i> , 2020, 2020, 1-9.	2.2	3
51	<i>In vivo</i> and <i>in vitro</i> observation of nasal ciliary motion in a guinea pig model. <i>Experimental Biology and Medicine</i> , 2020, 245, 1039-1048.	2.4	3
52	DAPT mediates atoh1 expression to induce hair cell-like cells. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 634-43.	0.0	3
53	Vestibular-evoked myogenic potentials in miniature pigs. <i>Journal of Otology</i> , 2016, 11, 88-93.	1.0	2
54	Polymorphism of the 86th amino acid in CX26 protein and hereditary deafness. <i>Journal of Otology</i> , 2016, 11, 84-87.	1.0	2

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55	Involvement of p53 and Bcl-2 in sensory cell degeneration in aging rat cochleae. <i>Acta Oto-Laryngologica</i> , 2017, 137, 572-580.	0.9	2
56	Hearing analysis in heterozygous and homozygous <i>klotho</i> gene deficient mice. <i>Journal of Otology</i> , 2018, 13, 131-134.	1.0	2
57	Scutum reconstruction technique and classification in endoscopic middle ear cholesteatoma surgery. <i>Acta Oto-Laryngologica</i> , 2020, 140, 904-908.	0.9	2
58	Electrophysiological and histomorphological changes of cochlea in miniature pigs after abrasion of round window niches. <i>Acta Oto-Laryngologica</i> , 2021, 141, 557-566.	0.9	2
59	Syndromic Deafness Gene <i>ATP6V1B2</i> Controls Degeneration of Spiral Ganglion Neurons Through Modulating Proton Flux. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 742714.	3.7	2
60	Transcript variants and expression profiles analysis of <i>Mitf</i> gene in minipigs. <i>Journal of Otology</i> , 2015, 10, 83-86.	1.0	1
61	Analysis of revision and reimplantation of cochlear implantations in 45 cases. <i>Clinical Otolaryngology</i> , 2019, 44, 1109-1114.	1.2	1
62	Multimodal Treatment With Orbital Organ Preservation in Adult Patients With Locally Advanced Small-Round-Cell Malignancy of the Nasal Cavity and Paranasal Sinus. <i>Frontiers in Oncology</i> , 2021, 11, 650385.	2.8	1
63	Petrous bone cholesteatoma: our experience of 20 years and management of two giant cases affecting rhinopharynx. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 2791-2801.	1.6	1
64	Subjective tinnitus: lesion-induced pathological central homeostasis remodeling. <i>Journal of Otology</i> , 2021, 16, 266-272.	1.0	1
65	Phenotypic similarities in pigs with <i>SOX10</i> and <i>SOX10</i> mutations implied the correlation of <i>SOX10</i> haploinsufficiency with Waardenburg syndrome. <i>Journal of Genetics and Genomics</i> , 2020, 47, 770-780.	3.9	1
66	<i>KIT</i> gene mutation causes deafness and hypopigmentation in Bama miniature pigs. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 5095-5107.	0.0	1
67	Acid stimulation-induced semi-pluripotent characteristics in human somatic cells. <i>Acta Oto-Laryngologica</i> , 2019, 139, 146-152.	0.9	0
68	Improvements to the retractor and muscle flap design for minimally invasive cochlear implantation. <i>Journal of Otology</i> , 2020, 15, 41-44.	1.0	0
69	Application of a novel transcanal keyhole technique in endoscopic cholesteatoma surgery. <i>Acta Oto-Laryngologica</i> , 2021, 141, 328-333.	0.9	0
70	Factors influencing rehabilitation effect in prelingually deafened late implanted cochlear implant users, and the construction of a nomogram. <i>Clinical Otolaryngology</i> , 2021, , .	1.2	0