

Shi-ming Yang

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

980
citations

687363

13
h-index

477307

29
g-index

66
all docs

66
docs citations

66
times ranked

1469
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of autosomal dominant hearing loss by in vivo delivery of genome editing agents. <i>Nature</i> , 2018, 553, 217-221.	27.8	412
2	Regeneration of Stereocilia of Hair Cells by Forced Atoh1 Expression in the Adult Mammalian Cochlea. <i>PLoS ONE</i> , 2012, 7, e46355.	2.5	82
3	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
4	The Morphology and Electrophysiology of the Cochlea of the Miniature Pig. <i>Anatomical Record</i> , 2015, 298, 494-500.	1.4	34
5	Genetic and Phenotypic Heterogeneity in Chinese Patients with Waardenburg Syndrome Type II. <i>PLoS ONE</i> , 2013, 8, e77149.	2.5	33
6	Vibrant Soundbridge implantation via the third window in two Chinese patients with severe bilateral congenital aural atresia. <i>Acta Oto-Laryngologica</i> , 2014, 134, 1-6.	0.9	32
7	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
8	Chondrocyte-specific <i>Smad4</i> gene conditional knockout results in hearing loss and inner ear malformation in mice. <i>Developmental Dynamics</i> , 2009, 238, 1897-1908.	1.8	22
9	Inhibition of EGF expression and NF- κ B activity by treatment with quercetin leads to suppression of angiogenesis in nasopharyngeal carcinoma. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 826-831.	3.8	22
10	Key Genes and Pathways Associated With Inner Ear Malformation in SOX10 ^{R109W} Mutation Pigs. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 181.	2.9	20
11	Degeneration of saccular hair cells caused by MITF gene mutation. <i>Neural Development</i> , 2019, 14, 1.	2.4	18
12	Structural basis for the Smad5 MH1 domain to recognize different DNA sequences. <i>Nucleic Acids Research</i> , 2015, 43, 9051-9064.	14.5	17
13	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
14	Cochlear morphology in the developing inner ear of the porcine model of spontaneous deafness. <i>BMC Neuroscience</i> , 2018, 19, 28.	1.9	12
15	The morphological and functional development of the stria vascularis in miniature pigs. <i>Reproduction, Fertility and Development</i> , 2017, 29, 585.	0.4	11
16	An efficient strategy for establishing a model of sensorineural deafness in rats. <i>Neural Regeneration Research</i> , 2015, 10, 1683.	3.0	11
17	Smad5 haploinsufficiency leads to hair cell and hearing loss. <i>Developmental Neurobiology</i> , 2009, 69, 153-161.	3.0	10
18	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

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19	Advantages of a miniature pig model in research on human hereditary hearing loss. <i>Journal of Otology</i> , 2015, 10, 105-107.	1.0	9
20	Interaction of tinnitus suppression and hearing ability after cochlear implantation. <i>Acta Oto-Laryngologica</i> , 2017, 137, 1077-1082.	0.9	9
21	Canalostomy is an ideal surgery route for inner ear gene delivery in big animal model. <i>Acta Oto-Laryngologica</i> , 2019, 139, 939-947.	0.9	7
22	Establishment of a Large Animal Model for Eustachian Tube Functional Study in Miniature Pigs. <i>Anatomical Record</i> , 2019, 302, 1024-1038.	1.4	7
23	The characteristics of vHIT gain and PR score in peripheral vestibular disorders. <i>Acta Oto-Laryngologica</i> , 2021, 141, 43-49.	0.9	7
24	Primary tumors of the facial nerve misdiagnosed: a case series and review of the literature. <i>Acta Oto-Laryngologica</i> , 2017, 137, 651-655.	0.9	6
25	Biomechanical analysis of the clinical characteristics of enlarged vestibular aqueduct syndrome with Mondini malformation. <i>Acta Oto-Laryngologica</i> , 2020, 140, 813-817.	0.9	6
26	Involvement of Cholesterol Metabolic Pathways in Recovery from Noise-Induced Hearing Loss. <i>Neural Plasticity</i> , 2020, 2020, 1-17.	2.2	6
27	Characteristics of hearing loss in elderly outpatients over 60 years of age: an annual cross-sectional study. <i>Acta Oto-Laryngologica</i> , 2021, 141, 762-767.	0.9	6
28	Miniature pigs: a large animal model of cochlear implantation. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 5494-5502.	0.0	6
29	A hearing self-reported survey in people over 80 years of age in China by hearing handicap inventory for the elderly—complete version vs screening version. <i>Acta Oto-Laryngologica</i> , 2016, 136, 1242-1247.	0.9	5
30	Vestibular-evoked myogenic potentials recorded from miniature pigs and rats. <i>Journal of Otology</i> , 2016, 11, 138-143.	1.0	4
31	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
32	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
33	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
34	SCN11A gene deletion causes sensorineural hearing loss by impairing the ribbon synapses and auditory nerves. <i>BMC Neuroscience</i> , 2021, 22, 18.	1.9	4
35	Sox10 Gene Is Required for the Survival of Saccular and Utricular Hair Cells in a Porcine Model. <i>Molecular Neurobiology</i> , 2022, 59, 3323-3335.	4.0	4
36	Familial nonsyndromic hearing loss with incomplete partition type II caused by novel DSPP gene mutations. <i>Acta Oto-Laryngologica</i> , 2018, 138, 685-690.	0.9	3

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37	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
38	Transcript Profiles of Stria Vascularis in Models of Waardenburg Syndrome. <i>Neural Plasticity</i> , 2020, 2020, 1-9.	2.2	3
39	Inner ear structure of miniature pigs measured by multi-planar reconstruction techniques. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 709-717.	0.0	3
40	The role of Smad4 in vestibular development in mice. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 15-23.	1.6	2
41	One-stage cochlear implantation via a facial recess approach in children with otitis media with effusion. <i>Journal of Otology</i> , 2015, 10, 125-129.	1.0	2
42	A hypothesis study on bionic active noise reduction of auditory organs. <i>Military Medical Research</i> , 2018, 5, 8.	3.4	2
43	Scutum reconstruction technique and classification in endoscopic middle ear cholesteatoma surgery. <i>Acta Oto-Laryngologica</i> , 2020, 140, 904-908.	0.9	2
44	Preliminary study on lyrics intelligibility at different pitches in Chinese vocal music. <i>Acta Oto-Laryngologica</i> , 2020, 140, 558-563.	0.9	2
45	Viewing the current situation of pig model application in China's medical field from the application and funding of NSFC. <i>Journal of Otology</i> , 2021, 16, 34-39.	1.0	2
46	Identification of factors associated with tinnitus outcomes following the microsurgical treatment of vestibular schwannoma patients. <i>Acta Oto-Laryngologica</i> , 2021, 141, 334-339.	0.9	2
47	A cross-sectional study of olfactory and taste disorders among COVID-19 patients in China. <i>Military Medical Research</i> , 2021, 8, 51.	3.4	2
48	Implanting MnO ₂ into Hexagonal Boron Nitride as Nanoadditives for Enhancing Tribological Performance. <i>Crystals</i> , 2022, 12, 451.	2.2	2
49	Modulation of Glucose Takeup by Glucose Transport on the Isolated OHCs. <i>Neural Plasticity</i> , 2018, 2018, 1-7.	2.2	1
50	Phenotypic similarities in pigs with SOX10 and SOX10 mutations implied the correlation of SOX10 haploinsufficiency with Waardenburg syndrome. <i>Journal of Genetics and Genomics</i> , 2020, 47, 770-780.	3.9	1
51	KIT 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
52	Morphology changes in the cochlea of impulse noise-induced hidden hearing loss. <i>Acta Oto-Laryngologica</i> , 2022, 142, 455-462.	0.9	1
53	Clinical characteristics, treatments, and prognosis of patients with multiple primary carcinoma of head and neck. <i>Chinese Medical Journal</i> , 2020, 133, 377-378.	2.3	0
54	Anatomical analysis of vestibular aqueducts in humans and miniature pigs. <i>Anatomical Record</i> , 2021, 304, 1811.	1.4	0

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55	Application of a novel transcanal keyhole technique in endoscopic cholesteatoma surgery. <i>Acta Oto-Laryngologica</i> , 2021, 141, 328-333.	0.9	0
56	A Porcine Congenital Single-Sided Deafness Model, Its Population Statistics and Degenerative Changes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 672216.	3.7	0