

Wei-Wei Guo

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

778
citations

623734

14
h-index

580821

25
g-index

61
all docs

61
docs citations

61
times ranked

1072
citing authors

#	ARTICLE	IF	CITATIONS
1	Regeneration of Stereocilia of Hair Cells by Forced Atoh1 Expression in the Adult Mammalian Cochlea. PLoS ONE, 2012, 7, e46355.	2.5	82
2	A de novo silencer causes elimination of MITF-M expression and profound hearing loss in pigs. BMC Biology, 2016, 14, 52.	3.8	53
3	De novo mutation in ATP6V1B2 impairs lysosome acidification and causes dominant deafness-onychodystrophy syndrome. Cell Research, 2014, 24, 1370-1373.	12.0	52
4	Photodynamics of oxybenzone sunscreen: Nonadiabatic dynamics simulations. Journal of Chemical Physics, 2016, 145, 074308.	3.0	41
5	The Morphology and Electrophysiology of the Cochlea of the Miniature Pig. Anatomical Record, 2015, 298, 494-500.	1.4	34
6	The excited-state decay mechanism of 2,4-dithiothymine in the gas phase, microsolvated surroundings, and aqueous solution. Physical Chemistry Chemical Physics, 2017, 19, 7689-7698.	2.8	34
7	Differential fates of tissue macrophages in the cochlea during postnatal development. Hearing Research, 2018, 365, 110-126.	2.0	33
8	Pilot study of large-scale production of mutant pigs by ENU mutagenesis. ELife, 2017, 6, .	6.0	32
9	Creation of miniature pig model of human Waardenburg syndrome type 2A by ENU mutagenesis. Human Genetics, 2017, 136, 1463-1475.	3.8	28
10	Excited-state Intramolecular Proton Transfer in a Blue Fluorescence Chromophore Induces Dual Emission. ChemPhysChem, 2016, 17, 2340-2347.	2.1	27
11	Matrix metalloproteinase-2 and α^9 contribute to functional integrity and noise-induced damage to the blood-labyrinth-barrier. Molecular Medicine Reports, 2017, 16, 1731-1738.	2.4	23
12	Chondrocyte-specific <i>Smad4</i> gene conditional knockout results in hearing loss and inner ear malformation in mice. Developmental Dynamics, 2009, 238, 1897-1908.	1.8	22
13	Spontaneous and Partial Repair of Ribbon Synapse in Cochlear Inner Hair Cells After Ototoxic Withdrawal. Molecular Neurobiology, 2015, 52, 1680-1689.	4.0	21
14	Inflammasome activation in mouse inner ear in response to MCMV induced hearing loss. Journal of Otolaryngology, 2015, 10, 143-149.	1.0	19
15	Characterization of Hair Cell-Like Cells Converted From Supporting Cells After Notch Inhibition in Cultures of the Organ of Corti From Neonatal Gerbils. Frontiers in Cellular Neuroscience, 2018, 12, 73.	3.7	15
16	Oridonin ameliorates noise-induced hearing loss by blocking NLRP3 - NEK7 mediated inflammasome activation. International Immunopharmacology, 2021, 95, 107576.	3.8	15
17	Hydrogen-Saturated Saline Protects Intensive Narrow Band Noise-Induced Hearing Loss in Guinea Pigs through an Antioxidant Effect. PLoS ONE, 2014, 9, e100774.	2.5	14
18	Adeno-associated virus transformation into the normal miniature pig and the normal guinea pigs cochlea via scala tympani. Acta Oto-Laryngologica, 2017, 137, 910-916.	0.9	14

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19	Overexpression of ROCK1 and ROCK2 inhibits human laryngeal squamous cell carcinoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 244-51.	0.5	13
20	Cochlear morphology in the developing inner ear of the porcine model of spontaneous deafness. <i>BMC Neuroscience</i> , 2018, 19, 28.	1.9	12
21	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
22	The morphological and functional development of the stria vascularis in miniature pigs. <i>Reproduction, Fertility and Development</i> , 2017, 29, 585.	0.4	11
23	QM/MM studies on the excited-state relaxation mechanism of a semisynthetic dTPT3 base. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 5067-5073.	2.8	11
24	An efficient strategy for establishing a model of sensorineural deafness in rats. <i>Neural Regeneration Research</i> , 2015, 10, 1683.	3.0	11
25	Smad5 haploinsufficiency leads to hair cell and hearing loss. <i>Developmental Neurobiology</i> , 2009, 69, 153-161.	3.0	10
26	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
27	Transplantation and Tracking of the Human Umbilical Cord Mesenchymal Stem Cell Labeled with Superparamagnetic Iron Oxide in Deaf Pigs. <i>Anatomical Record</i> , 2020, 303, 494-505.	1.4	10
28	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
29	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
30	SMAD4 Defect Causes Auditory Neuropathy Via Specialized Disruption of Cochlear Ribbon Synapses in Mice. <i>Molecular Neurobiology</i> , 2016, 53, 5679-5691.	4.0	9
31	Excited-state proton transfer in 4-(2-hydroxyphenyl)pyridine: full-dimensional surface-hopping dynamics simulations. <i>RSC Advances</i> , 2016, 6, 85574-85581.	3.6	7
32	Establishing the standard method of cochlear implant in Rongchang pig. <i>Acta Oto-Laryngologica</i> , 2017, 137, 503-510.	0.9	7
33	Transcription analysis of cochlear development in minipigs. <i>Acta Oto-Laryngologica</i> , 2017, 137, 1166-1173.	0.9	7
34	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
35	The characteristics of vHIT gain and PR score in peripheral vestibular disorders. <i>Acta Oto-Laryngologica</i> , 2021, 141, 43-49.	0.9	7
36	Involvement of Cholesterol Metabolic Pathways in Recovery from Noise-Induced Hearing Loss. <i>Neural Plasticity</i> , 2020, 2020, 1-17.	2.2	6

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37	Environmentally benign access to isoindolinones: synthesis, separation and resource recycling. <i>Green Chemistry</i> , 2020, 22, 2873-2878.	9.0	6
38	Miniature pigs: a large animal model of cochlear implantation. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 5494-5502.	0.0	6
39	Aminoglycoside Increases Permeability of Osseous Spiral Laminae of Cochlea by Interrupting MMP-2 and MMP-9 Balance. <i>Neurotoxicity Research</i> , 2017, 31, 348-357.	2.7	5
40	Exploratory saccades data analysis of video head impulse test in different Meniereâ€™s disease stages. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2022, 32, 183-192.	2.0	5
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Transcript variants and expression profiles analysis of Mitf gene in minipigs. <i>Journal of Otology</i> , 2015, 10, 83-86.	1.0	1
49	Mechanistic Insights into the Photophysics of Ortho-hydroxyl GFP Core Chromophores. <i>Chinese Journal of Chemical Physics</i> , 2017, 30, 696-704.	1.3	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	Acid stimulation-induced semi-pluripotent characteristics in human somatic cells. <i>Acta Oto-Laryngologica</i> , 2019, 139, 146-152.	0.9	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	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