

# 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	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
2	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
3	Morphology changes in the cochlea of impulse noise-induced hidden hearing loss. <i>Acta Oto-Laryngologica</i> , 2022, 142, 455-462.	0.9	1
4	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
5	Anatomical analysis of vestibular aqueducts in humans and miniature pigs. <i>Anatomical Record</i> , 2021, 304, 1811.	1.4	0
6	The characteristics of vHIT gain and PR score in peripheral vestibular disorders. <i>Acta Oto-Laryngologica</i> , 2021, 141, 43-49.	0.9	7
7	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
8	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
9	Oridonin ameliorates noise-induced hearing loss by blocking NLRP3 - NEK7 mediated inflammasome activation. <i>International Immunopharmacology</i> , 2021, 95, 107576.	3.8	15
10	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
11	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
12	Involvement of Cholesterol Metabolic Pathways in Recovery from Noise-Induced Hearing Loss. <i>Neural Plasticity</i> , 2020, 2020, 1-17.	2.2	6
13	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
14	Environmentally benign access to isoindolinones: synthesis, separation and resource recycling. <i>Green Chemistry</i> , 2020, 22, 2873-2878.	9.0	6
15	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
16	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
17	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
18	Acid stimulation-induced semi-pluripotent characteristics in human somatic cells. <i>Acta Oto-Laryngologica</i> , 2019, 139, 146-152.	0.9	0

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19	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
20	Differential fates of tissue macrophages in the cochlea during postnatal development. <i>Hearing Research</i> , 2018, 365, 110-126.	2.0	33
21	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
22	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
23	Cochlear morphology in the developing inner ear of the porcine model of spontaneous deafness. <i>BMC Neuroscience</i> , 2018, 19, 28.	1.9	12
24	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
25	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
26	The morphological and functional development of the stria vascularis in miniature pigs. <i>Reproduction, Fertility and Development</i> , 2017, 29, 585.	0.4	11
27	Establishing the standard method of cochlear implant in Rongchang pig. <i>Acta Oto-Laryngologica</i> , 2017, 137, 503-510.	0.9	7
28	The excited-state decay mechanism of 2,4-dithiothymine in the gas phase, microsolvated surroundings, and aqueous solution. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 7689-7698.	2.8	34
29	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
30	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
31	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
32	Transcription analysis of cochlear development in minipigs. <i>Acta Oto-Laryngologica</i> , 2017, 137, 1166-1173.	0.9	7
33	Matrix metalloproteinase-2 and $\alpha$ 9 contribute to functional integrity and noise-induced damage to the blood-labyrinth-barrier. <i>Molecular Medicine Reports</i> , 2017, 16, 1731-1738.	2.4	23
34	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
35	Pilot study of large-scale production of mutant pigs by ENU mutagenesis. <i>ELife</i> , 2017, 6, .	6.0	32
36	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

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37	Excited-state Intramolecular Proton Transfer in a Blue Fluorescence Chromophore Induces Dual Emission. <i>ChemPhysChem</i> , 2016, 17, 2340-2347.	2.1	27
38	Photodynamics of oxybenzone sunscreen: Nonadiabatic dynamics simulations. <i>Journal of Chemical Physics</i> , 2016, 145, 074308.	3.0	41
39	Excited-state proton transfer in 4-hydroxyphenylpyridine: full-dimensional surface-hopping dynamics simulations. <i>RSC Advances</i> , 2016, 6, 85574-85581.	3.6	7
40	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
41	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
42	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
43	Miniature pigs: a large animal model of cochlear implantation. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 5494-5502.	0.0	6
44	Transcript variants and expression profiles analysis of Mitf gene in minipigs. <i>Journal of Otology</i> , 2015, 10, 83-86.	1.0	1
45	The Morphology and Electrophysiology of the Cochlea of the Miniature Pig. <i>Anatomical Record</i> , 2015, 298, 494-500.	1.4	34
46	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
47	Inflammasome activation in mouse inner ear in response to MCMV induced hearing loss. <i>Journal of Otology</i> , 2015, 10, 143-149.	1.0	19
48	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
49	An efficient strategy for establishing a model of sensorineural deafness in rats. <i>Neural Regeneration Research</i> , 2015, 10, 1683.	3.0	11
50	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
51	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
52	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
53	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
54	Smad5 haploinsufficiency leads to hair cell and hearing loss. <i>Developmental Neurobiology</i> , 2009, 69, 153-161.	3.0	10

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55	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