

Ren-Jie Chai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130
papers

4,095
citations

37
h-index

58
g-index

141
ext. papers

5,528
ext. citations

8.1
avg, IF

5.75
L-index

#	Paper	IF	Citations
130	The Roles of Solute Carriers in Auditory Function.. <i>Frontiers in Genetics</i> , 2022 , 13, 823049	4.5	
129	Hippo/YAP signaling pathway protects against neomycin-induced hair cell damage in the mouse cochlea.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 79	10.3	2
128	Conductive Nerve Guidance Conduits Based on Butterfly Wings for Peripheral Nerve Repair.. <i>ACS Nano</i> , 2022 ,	16.7	9
127	Characterization of the microRNA transcriptomes and proteomics of cochlear tissue-derived small extracellular vesicles from mice of different ages after birth.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 154	10.3	1
126	c-Myb protects cochlear hair cells from cisplatin-induced damage via the PI3K/Akt signaling pathway.. <i>Cell Death Discovery</i> , 2022 , 8, 78	6.9	1
125	Activation of Rictor/mTORC2 signaling acts as a pivotal strategy to protect against sensorineural hearing loss.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2107357119	11.5	2
124	Tetrandrine Prevents Neomycin-Induced Ototoxicity by Promoting Steroid Biosynthesis.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 876237	5.8	
123	AAV-ie-K558R mediated cochlear gene therapy and hair cell regeneration.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 109	21	0
122	Increased mitophagy protects cochlear hair cells from aminoglycoside-induced damage.. <i>Autophagy</i> , 2022 , 1-17	10.2	0
121	Scaffolds with anisotropic structure for neural tissue engineering. <i>Engineered Regeneration</i> , 2022 , 3, 154-162	5.2	2
120	Stem Cell-Based Therapies in Hearing Loss. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 730042	5.7	3
119	Autophagy Regulates the Survival of Hair Cells and Spiral Ganglion Neurons in Cases of Noise, Ototoxic Drug, and Age-Induced Sensorineural Hearing Loss. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 760422	6.1	16
118	Hearing Loss: Reestablish the Neural Plasticity in Regenerated Spiral Ganglion Neurons and Sensory Hair Cells 2020. <i>Neural Plasticity</i> , 2021 , 2021, 1-4	3.3	2
117	Suction-Cup-Inspired Adhesive Micromotors for Drug Delivery. <i>Advanced Science</i> , 2021 , e2103384	13.6	13
116	Prevention of acquired sensorineural hearing loss in mice by in vivo Htra2 gene editing. <i>Genome Biology</i> , 2021 , 22, 86	18.3	4
115	PRDX1 activates autophagy via the PTEN-AKT signaling pathway to protect against cisplatin-induced spiral ganglion neuron damage. <i>Autophagy</i> , 2021 , 1-23	10.2	35
114	Generation of mature and functional hair cells by co-expression of Gfi1, Pou4f3, and Atoh1 in the postnatal mouse cochlea. <i>Cell Reports</i> , 2021 , 35, 109016	10.6	27

113	Biomimetic 3D bacterial cellulose-graphene foam hybrid scaffold regulates neural stem cell proliferation and differentiation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 200, 111590	6	40
112	Ligand recognition, unconventional activation, and G protein coupling of the prostaglandin E receptor EP2 subtype. <i>Science Advances</i> , 2021 , 7,	14.3	5
111	Characterization of Expression in Mouse Cochlear Hair Cells. <i>Frontiers in Genetics</i> , 2021 , 12, 625867	4.5	14
110	Disruption of the autism-related gene Pak1 causes stereocilia disorganization, hair cell loss, and deafness in mice. <i>Journal of Genetics and Genomics</i> , 2021 , 48, 324-332	4	18
109	Deficiency of Klc2 Induces Low-Frequency Sensorineural Hearing Loss in C57BL/6J Mice and Human. <i>Molecular Neurobiology</i> , 2021 , 58, 4376-4391	6.2	23
108	FOXG1 promotes aging inner ear hair cell survival through activation of the autophagy pathway. <i>Autophagy</i> , 2021 , 1-22	10.2	32
107	Mechanism and Prevention of Ototoxicity Induced by Aminoglycosides. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 692762	6.1	23
106	Neurite Extension and Orientation of Spiral Ganglion Neurons Can Be Directed by Superparamagnetic Iron Oxide Nanoparticles in a Magnetic Field. <i>International Journal of Nanomedicine</i> , 2021 , 16, 4515-4526	7.3	12
105	Ordered inverse-opal scaffold based on bionic transpiration to create a biomimetic spine. <i>Nanoscale</i> , 2021 , 13, 8614-8622	7.7	5
104	Multimomics analyses reveal a critical role of selenium in controlling T cell differentiation in Crohn's disease. <i>Immunity</i> , 2021 , 54, 1728-1744.e7	32.3	15
103	The Detrimental and Beneficial Functions of Macrophages After Cochlear Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 631904	5.7	12
102	Topographically Conductive Butterfly Wing Substrates for Directed Spiral Ganglion Neuron Growth (Small 38/2021). <i>Small</i> , 2021 , 17, 2170200	11	
101	The Expression and Roles of the Super Elongation Complex in Mouse Cochlear Lgr5+ Progenitor Cells. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 735723	6.1	1
100	Cochlear implant-based electric-acoustic stimulation modulates neural stem cell-derived neural regeneration. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 7793-7804	7.3	6
99	Compact SchCas9 Recognizes the Simple NNGR PAM. <i>Advanced Science</i> , 2021 , e2104789	13.6	1
98	The Roles of Exosomes in Visual and Auditory Systems. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 525	5.8	15
97	A Polydopamine-Functionalized Carbon Microfibrous Scaffold Accelerates the Development of Neural Stem Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 616	5.8	9
96	Isolation and analysis of extracellular vesicles in a Morpho butterfly wing-integrated microvortex biochip. <i>Biosensors and Bioelectronics</i> , 2020 , 154, 112073	11.8	37

95	In vitro expansion of pancreatic islet clusters facilitated by hormones and chemicals. <i>Cell Discovery</i> , 2020 , 6, 20	22.3	2
94	The gene is required for hair cell development in zebrafish. <i>Aging</i> , 2020 , 12, 18804-18821	5.6	30
93	Knockdown of in Sox9+ supporting cells increases the trans-differentiation of supporting cells into hair cells in the neonatal mouse utricle. <i>Aging</i> , 2020 , 12, 19834-19851	5.6	23
92	Espin distribution as revealed by super-resolution microscopy of stereocilia. <i>American Journal of Translational Research (discontinued)</i> , 2020 , 12, 130-141	3	39
91	Hair cell regeneration from inner ear progenitors in the mammalian cochlea. <i>American Journal of Stem Cells</i> , 2020 , 9, 25-35	2.4	16
90	Increased mitochondrial DNA copy number protects hair cells and HEI-OC1 cells against drug-induced apoptosis. <i>Molecular Medicine Reports</i> , 2020 , 21, 338-346	2.9	2
89	Approaches to Regenerate Hair Cell and Spiral Ganglion Neuron in the Inner Ear 2020 , 89-111		1
88	2D TiCTMXene couples electrical stimulation to promote proliferation and neural differentiation of neural stem cells. <i>Acta Biomaterialia</i> , 2020 , 139, 105-105	10.8	34
87	The nuclear transcription factor FoxG1 affects the sensitivity of mimetic aging hair cells to inflammation by regulating autophagy pathways. <i>Redox Biology</i> , 2020 , 28, 101364	11.3	82
86	THOC1 deficiency leads to late-onset nonsyndromic hearing loss through p53-mediated hair cell apoptosis. <i>PLoS Genetics</i> , 2020 , 16, e1008953	6	4
85	Oriented Neural Spheroid Formation and Differentiation of Neural Stem Cells Guided by Anisotropic Inverse Opals. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 848	5.8	13
84	Disruption of Atg7-dependent autophagy causes electromotility disturbances, outer hair cell loss, and deafness in mice. <i>Cell Death and Disease</i> , 2020 , 11, 913	9.8	46
83	Citicoline Protects Auditory Hair Cells Against Neomycin-Induced Damage. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 712	5.7	35
82	The Role of FoxG1 in the Inner Ear. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 614954	5.7	27
81	Knockdown of Foxg1 in supporting cells increases the trans-differentiation of supporting cells into hair cells in the neonatal mouse cochlea. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 1401-1419	10.3	71
80	Frizzled-9+ Supporting Cells Are Progenitors for the Generation of Hair Cells in the Postnatal Mouse Cochlea. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 184	6.1	28
79	Two-Photon Image Tracking of Neural Stem Cells via Iridium Complexes Encapsulated in Polymeric Nanospheres. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 1561-1568	5.5	11
78	A humanized mouse model, demonstrating progressive hearing loss caused by MYO6 p.C442Y, is inherited in a semi-dominant pattern. <i>Hearing Research</i> , 2019 , 379, 79-88	3.9	5

77	Critical role of spectrin in hearing development and deafness. <i>Science Advances</i> , 2019 , 5, eaav7803	14.3	85
76	Deletion of Limk1 and Limk2 in mice does not alter cochlear development or auditory function. <i>Scientific Reports</i> , 2019 , 9, 3357	4.9	15
75	Hair Cell Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1130, 1-16	3.6	15
74	Protection of Hair Cells from Ototoxic Drug-Induced Hearing Loss. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1130, 17-36	3.6	20
73	A cytoskeleton structure revealed by super-resolution fluorescence imaging in inner ear hair cells. <i>Cell Discovery</i> , 2019 , 5, 12	22.3	57
72	Transduction of Adeno-Associated Virus Vectors Targeting Hair Cells and Supporting Cells in the Neonatal Mouse Cochlea. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 8	6.1	27
71	Blebbistatin Inhibits Neomycin-Induced Apoptosis in Hair Cell-Like HEI-OC-1 Cells and in Cochlear Hair Cells. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 590	6.1	55
70	AAV-ie enables safe and efficient gene transfer to inner ear cells. <i>Nature Communications</i> , 2019 , 10, 3733	7.4	83
69	Laminin-Coated Electrospun Regenerated Silk Fibroin Mats Promote Neural Progenitor Cell Proliferation, Differentiation, and Survival. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 190	5.8	31
68	TeraVR empowers precise reconstruction of complete 3-D neuronal morphology in the whole brain. <i>Nature Communications</i> , 2019 , 10, 3474	17.4	32
67	Transcriptomic profiling of neural stem cell differentiation on graphene substrates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 182, 110324	6	20
66	Stress-Induced Metabolic Disorder in Peripheral CD4 T Cells Leads to Anxiety-like Behavior. <i>Cell</i> , 2019 , 179, 864-879.e19	56.2	95
65	Three-Dimensional Graphene Enhances Neural Stem Cell Proliferation Through Metabolic Regulation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 436	5.8	27
64	Regulation of Neural Stem Cell Proliferation and Differentiation by Graphene-Based Biomaterials. <i>Neural Plasticity</i> , 2019 , 2019, 3608386	3.3	13
63	Pre-treatment With Fasudil Prevents Neomycin-Induced Hair Cell Damage by Reducing the Accumulation of Reactive Oxygen Species. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 264	6.1	49
62	Regulation of autophagy: a promising therapeutic target for the treatment of hearing loss. <i>Journal of Bio-X Research</i> , 2019 , 2, 57-61	0.4	0
61	Cochlear Surface Preparation in the Adult Mouse. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	11
60	Age-related transcriptome changes in Sox2+ supporting cells in the mouse cochlea. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 365	8.3	52

59	Development and Application of Cochlear Implant-Based Electric-Acoustic Stimulation of Spiral Ganglion Neurons. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 6735-6741	5.5	35
58	Surgery-free video-oculography in mouse models: enabling quantitative and short-interval longitudinal assessment of vestibular function. <i>Neuroscience Letters</i> , 2019 , 696, 212-218	3.3	3
57	The role of FOXP1 in the postnatal development and survival of mouse cochlear hair cells. <i>Neuropharmacology</i> , 2019 , 144, 43-57	5.5	51
56	Wnt Signaling Activates TP53-Induced Glycolysis and Apoptosis Regulator and Protects Against Cisplatin-Induced Spiral Ganglion Neuron Damage in the Mouse Cochlea. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 1389-1410	8.4	89
55	Looking into the Future: Toward Advanced 3D Biomaterials for Stem-Cell-Based Regenerative Medicine. <i>Advanced Materials</i> , 2018 , 30, e1705388	24	79
54	A Three-Dimensional Culture System with Matrigel Promotes Purified Spiral Ganglion Neuron Survival and Function In Vitro. <i>Molecular Neurobiology</i> , 2018 , 55, 2070-2084	6.2	34
53	Characterization of Wnt and Notch-Responsive Lgr5+ Hair Cell Progenitors in the Striolar Region of the Neonatal Mouse Utricle. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 137	6.1	21
52	Characterization of Lgr6+ Cells as an Enriched Population of Hair Cell Progenitors Compared to Lgr5+ Cells for Hair Cell Generation in the Neonatal Mouse Cochlea. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 147	6.1	27
51	Role of Autophagy in Auditory System Development and Survival. <i>Journal of Otorhinolaryngology Hearing and Balance Medicine</i> , 2018 , 1, 7		1
50	Hoxc-Dependent Mesenchymal Niche Heterogeneity Drives Regional Hair Follicle Regeneration. <i>Cell Stem Cell</i> , 2018 , 23, 487-500.e6	18	34
49	Tuberous sclerosis complex-mediated mTORC1 overactivation promotes age-related hearing loss. <i>Journal of Clinical Investigation</i> , 2018 , 128, 4938-4955	15.9	31
48	Bio-Inspired Anisotropic Wettability Surfaces from Dynamic Ferrofluid Assembled Templates. <i>Advanced Functional Materials</i> , 2018 , 28, 1705802	15.6	59
47	Designs of Biomaterials and Microenvironments for Neuroengineering. <i>Neural Plasticity</i> , 2018 , 2018, 1021969	3.3	15
46	Loss of ARHGEF6 Causes Hair Cell Stereocilia Deficits and Hearing Loss in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 362	6.1	43
45	Novel compounds protect auditory hair cells against gentamycin-induced apoptosis by maintaining the expression level of H3K4me2. <i>Drug Delivery</i> , 2018 , 25, 1033-1043	7	38
44	Bmi1 Regulates the Proliferation of Cochlear Supporting Cells Via the Canonical Wnt Signaling Pathway. <i>Molecular Neurobiology</i> , 2017 , 54, 1326-1339	6.2	58
43	c-Myb knockdown increases the neomycin-induced damage to hair-cell-like HEI-OC1 cells in vitro. <i>Scientific Reports</i> , 2017 , 7, 41094	4.9	45
42	Bone morphogenetic protein 4 promotes the survival and preserves the structure of flow-sorted Bhlhb5+ cochlear spiral ganglion neurons in vitro. <i>Scientific Reports</i> , 2017 , 7, 3506	4.9	17

41	An episomal vector-based CRISPR/Cas9 system for highly efficient gene knockout in human pluripotent stem cells. <i>Scientific Reports</i> , 2017 , 7, 2320	4.9	43
40	Autophagy protects auditory hair cells against neomycin-induced damage. <i>Autophagy</i> , 2017 , 13, 1884-1904	4.2	141
39	Targeting HSP90-HDAC6 Regulating Network Implicates Precision Treatment of Breast Cancer. <i>International Journal of Biological Sciences</i> , 2017 , 13, 505-517	11.2	25
38	Auditory Neuropathy after Damage to Cochlear Spiral Ganglion Neurons in Mice Resulting from Conditional Expression of Diphtheria Toxin Receptors. <i>Scientific Reports</i> , 2017 , 7, 6409	4.9	8
37	Inactivation of STAT3 Signaling Impairs Hair Cell Differentiation in the Developing Mouse Cochlea. <i>Stem Cell Reports</i> , 2017 , 9, 231-246	8	13
36	Characterization of the Transcriptomes of Lgr5+ Hair Cell Progenitors and Lgr5- Supporting Cells in the Mouse Cochlea. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 122	6.1	30
35	Characterization of Lgr5+ Progenitor Cell Transcriptomes after Neomycin Injury in the Neonatal Mouse Cochlea. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 213	6.1	22
34	Is Required for Zebrafish Posterior Lateral Line Development. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 241	6.1	15
33	Loss of CIB2 Causes Profound Hearing Loss and Abolishes Mechanoelectrical Transduction in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 401	6.1	69
32	Hedgehog Signaling Promotes the Proliferation and Subsequent Hair Cell Formation of Progenitor Cells in the Neonatal Mouse Cochlea. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 426	6.1	28
31	Spatiotemporal expression of Ezh2 in the developing mouse cochlear sensory epithelium. <i>Frontiers of Medicine</i> , 2016 , 10, 330-5	12	2
30	Accelerating bioelectric functional development of neural stem cells by graphene coupling: Implications for neural interfacing with conductive materials. <i>Biomaterials</i> , 2016 , 106, 193-204	15.6	91
29	Role of Wnt and Notch signaling in regulating hair cell regeneration in the cochlea. <i>Frontiers of Medicine</i> , 2016 , 10, 237-49	12	37
28	Extensive Supporting Cell Proliferation and Mitotic Hair Cell Generation by In Vivo Genetic Reprogramming in the Neonatal Mouse Cochlea. <i>Journal of Neuroscience</i> , 2016 , 36, 8734-45	6.6	46
27	Histone deacetylase 1 is required for the development of the zebrafish inner ear. <i>Scientific Reports</i> , 2016 , 6, 16535	4.9	17
26	The structural development of primary cultured hippocampal neurons on a graphene substrate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 146, 442-51	6	32
25	LSD1 is Required for Hair Cell Regeneration in Zebrafish. <i>Molecular Neurobiology</i> , 2016 , 53, 2421-34	6.2	20
24	MicroRNA-10a/10b represses a novel target gene mib1 to regulate angiogenesis. <i>Cardiovascular Research</i> , 2016 , 110, 140-50	9.9	41

23	HDAC3 Is Required for Posterior Lateral Line Development in Zebrafish. <i>Molecular Neurobiology</i> , 2016 , 53, 5103-17	6.2	11
22	Inhibition of ARC decreases the survival of HEI-OC-1 cells after neomycin damage in vitro. <i>Oncotarget</i> , 2016 , 7, 66647-66659	3.3	22
21	Wnt activation followed by Notch inhibition promotes mitotic hair cell regeneration in the postnatal mouse cochlea. <i>Oncotarget</i> , 2016 , 7, 66754-66768	3.3	46
20	The Three-Dimensional Culture System with Matrigel and Neurotrophic Factors Preserves the Structure and Function of Spiral Ganglion Neuron In Vitro. <i>Neural Plasticity</i> , 2016 , 2016, 4280407	3.3	40
19	Inhibition of H3K9me2 Reduces Hair Cell Regeneration after Hair Cell Loss in the Zebrafish Lateral Line by Down-Regulating the Wnt and Fgf Signaling Pathways. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 39	6.1	12
18	Reduced TRMU expression increases the sensitivity of hair-cell-like HEI-OC-1 cells to neomycin damage in vitro. <i>Scientific Reports</i> , 2016 , 6, 29621	4.9	41
17	Co-regulation of the Notch and Wnt signaling pathways promotes supporting cell proliferation and hair cell regeneration in mouse utricles. <i>Scientific Reports</i> , 2016 , 6, 29418	4.9	48
16	Regeneration of hair cells in the mammalian vestibular system. <i>Frontiers of Medicine</i> , 2016 , 10, 143-51	12	27
15	Characterization and toxicological effects of three-dimensional graphene foams in rats in vivo. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	14
14	MiR-182-5p protects inner ear hair cells from cisplatin-induced apoptosis by inhibiting FOXO3a. <i>Cell Death and Disease</i> , 2016 , 7, e2362	9.8	29
13	Characterization of Lgr5+ progenitor cell transcriptomes in the apical and basal turns of the mouse cochlea. <i>Oncotarget</i> , 2016 , 7, 41123-41141	3.3	28
12	Lgr5+ cells regenerate hair cells via proliferation and direct transdifferentiation in damaged neonatal mouse utricle. <i>Nature Communications</i> , 2015 , 6, 6613	17.4	109
11	MiRNA-320 in the human follicular fluid is associated with embryo quality in vivo and affects mouse embryonic development in vitro. <i>Scientific Reports</i> , 2015 , 5, 8689	4.9	64
10	Notch inhibition induces mitotically generated hair cells in mammalian cochleae via activating the Wnt pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 166-71	11.5	119
9	Effects of local application of methylprednisolone delivered by the C/GP-hydrogel on the recovery of facial nerves. <i>Acta Oto-Laryngologica</i> , 2015 , 135, 1178-84	1.6	4
8	Ildr1b is essential for semicircular canal development, migration of the posterior lateral line primordium and hearing ability in zebrafish: implications for a role in the recessive hearing impairment DFNB42. <i>Human Molecular Genetics</i> , 2014 , 23, 6201-11	5.6	10
7	Combining use of captopril and losartan attenuates the progress of Streptococcus pneumoniae-induced tympanosclerosis through the suppression of TGF- β expression. <i>PLoS ONE</i> , 2014 , 9, e111620	3.7	6
6	In vivo overexpression of X-linked inhibitor of apoptosis protein protects against neomycin-induced hair cell loss in the apical turn of the cochlea during the ototoxic-sensitive period. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 248	6.1	43

5	Spontaneous hair cell regeneration in the neonatal mouse cochlea in vivo. <i>Development (Cambridge)</i> , 2014 , 141, 816-29	6.6	187
4	Spontaneous hair cell regeneration in the neonatal mouse cochlea in vivo. <i>Development (Cambridge)</i> , 2014 , 141, 1599-1599	6.6	10
3	Wnt signaling induces proliferation of sensory precursors in the postnatal mouse cochlea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8167-72	11.5	208
2	Dynamic expression of <i>Lgr5</i> , a Wnt target gene, in the developing and mature mouse cochlea. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2011 , 12, 455-69	3.3	105
1	Deficiency of <i>Klc2</i> induces Low-Frequency Sensorineural Hearing Loss in C57BL/6J Mice and Human		2