Ning Pan

List of Publications by Year
in descending order

24 papers	1,503 citations	361413 20 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	1593 citing authors

#	Article	IF	Citations
1	Pancreatic Î² Cells Require NeuroD to Achieve and Maintain Functional Maturity. Cell Metabolism, 2010, 11, 298-310.	16.2	223
2	Neurod1 Suppresses Hair Cell Differentiation in Ear Ganglia and Regulates Hair Cell Subtype Development in the Cochlea. PLoS ONE, 2010, 5, e11661.	2.5	124
3	A Novel Atoh1 â€œSelf-Terminatingâ€•Mouse Model Reveals the Necessity of Proper Atoh1 Level and Duration for Hair Cell Differentiation and Viability. PLoS ONE, 2012, 7, e30358.	2.5	116
4	The molecular basis of making spiral ganglion neurons and connecting them to hair cells of the organ of Corti. Hearing Research, 2011, 278, 21-33.	2.0	110
5	Conditional deletion of Atoh1 using Pax2-Cre results in viable mice without differentiated cochlear hair cells that have lost most of the organ of Corti. Hearing Research, 2011, 275, 66-80.	2.0	105
6	Evolution and development of the tetrapod auditory system: an organ of Cortiâ€centric perspective. Evolution & Development, 2013, 15, 63-79.	2.0	91
7	Neurod1 regulates survival and formation of connections in mouse ear and brain. Cell and Tissue Research, 2010, 341, 95-110.	2.9	87
8	Organ of Corti and Stria Vascularis: Is there an Interdependence for Survival?. PLoS ONE, 2016, 11, e0168953.	2.5	75
9	Defects in the cerebella of conditional Neurod1 null mice correlate with effective Tg(Atoh1-cre) recombination and granule cell requirements for Neurod1 for differentiation. Cell and Tissue Research, 2009, 337, 407-428.	2.9	72
10	The quest for restoring hearing: Understanding ear development more completely. BioEssays, 2015, 37, 1016-1027.	2.5	58
11	Inner ear development: building a spiral ganglion and an organ of Corti out of unspecified ectoderm. Cell and Tissue Research, 2015, 361, 7-24.	2.9	56
12	Dissecting the molecular basis of organ of Corti development: Where are we now?. Hearing Research, 2011, 276, 16-26.	2.0	48
13	Beyond generalized hair cells: Molecular cues for hair cell types. Hearing Research, 2013, 297, 30-41.	2.0	42
14	A RNAscope whole mount approach that can be combined with immunofluorescence to quantify differential distribution of mRNA. Cell and Tissue Research, 2018, 374, 251-262.	2.9	36
15	Understanding the evolution and development of neurosensory transcription factors of the ear to enhance therapeutic translation. Cell and Tissue Research, 2012, 349, 415-432.	2.9	35
16	Neurog1 can partially replace Atoh1 to differentiate and maintain hair cells in a disorganized organ of Corti. Development (Cambridge), 2015, 142, 2810-21.	2.5	35
17	Expression of Neurog1 Instead of Atoh1 Can Partially Rescue Organ of Corti Cell Survival. PLoS ONE, 2012, 7, e30853.	2.5	34
18	Opportunities and limits of the one gene approach: the ability of Atoh1 to differentiate and maintain hair cells depends on the molecular context. Frontiers in Cellular Neuroscience, 2015, 9, 26.	3.7	29

#	Article	IF	Citations
19	Evolving gene regulatory networks into cellular networks guiding adaptive behavior: an outline how single cells could have evolved into a centralized neurosensory system. Cell and Tissue Research, 2015, 359, 295-313.	2.9	26
20	Expression and Localization of CaBP Ca2+ Binding Proteins in the Mouse Cochlea. PLoS ONE, 2016, 11, e0147495.	2.5	25
21	Spiral Ganglion Neuron Projection Development to the Hindbrain in Mice Lacking Peripheral and/or Central Target Differentiation. Frontiers in Neural Circuits, 2017, 11, 25.	2.8	23
22	Intestinal Neurod1 expression impairs paneth cell differentiation and promotes enteroendocrine lineage specification. Scientific Reports, 2019, 9, 19489.	3.3	19
23	Effects of Neurod1 Expression on Mouse and Human Schwannoma Cells. Laryngoscope, 2021, 131, E259-E270.	2.0	18
24	Neurotrophic Factor Function During Ear Development: Expression Changes Define Critical Phases for Neuronal Viability. Springer Handbook of Auditory Research, 2016, , 49-84.	0.7	16