Amy E Kiernan

List of Publications by Year
in descending order

19	1,364	567281 15	794594 19
papers	citations	h-index	g-index

19	19	19	1546
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sox2 is required for sensory organ development in the mammalian inner ear. Nature, 2005, 434, 1031-1035.	27.8	485
2	The Notch Ligand JAG1 Is Required for Sensory Progenitor Development in the Mammalian Inner Ear. PLoS Genetics, 2006, 2, e4.	3.5	255
3	Ectopic Expression of Activated Notch or SOX2 Reveals Similar and Unique Roles in the Development of the Sensory Cell Progenitors in the Mammalian Inner Ear. Journal of Neuroscience, 2013, 33, 16146-16157.	3.6	94
4	Notch signaling during cell fate determination in the inner ear. Seminars in Cell and Developmental Biology, 2013, 24, 470-479.	5.0	93
5	Using genetic mouse models to gain insight into glaucoma: Past results and future possibilities. Experimental Eye Research, 2015, 141, 42-56.	2.6	69
6	The Expression Domain of Two Related Homeobox Genes Defines a Compartment in the Chicken Inner Ear That May Be Involved in Semicircular Canal Formation. Developmental Biology, 1997, 191, 215-229.	2.0	47
7	ENU mutagenesis reveals a highly mutable locus on mouse Chromosome 4 that affects ear morphogenesis. Mammalian Genome, 2002, 13, 142-148.	2.2	45
8	SOX2 is required for inner ear neurogenesis. Scientific Reports, 2017, 7, 4086.	3.3	45
9	SOX2 is required for inner ear growth and cochlear nonsensory formation prior to sensory development. Development (Cambridge), 2019, 146, .	2.5	40
10	Notch2 regulates BMP signaling and epithelial morphogenesis in the ciliary body of the mouse eye. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8966-8971.	7.1	36
11	The paintfill method as a tool for analyzing the three-dimensional structure of the inner ear. Brain Research, 2006, 1091, 270-276.	2.2	29
12	ENU mutagenesis reveals a highly mutable locus on mouse Chromosome 4 that affects ear morphogenesis. Mammalian Genome, 2002, 13, 142-148.	2.2	29
13	Genetic Background Modifies Inner Ear and Eye Phenotypes of Jag1 Heterozygous Mice. Genetics, 2007, 177, 307-311.	2.9	23
14	LMO4 Functions As a Negative Regulator of Sensory Organ Formation in the Mammalian Cochlea. Journal of Neuroscience, 2014, 34, 10072-10077.	3.6	21
15	Deletion of a Long-Range Dlx5 Enhancer Disrupts Inner Ear Development in Mice. Genetics, 2018, 208, 1165-1179.	2.9	18
16	Activated Notch Causes Deafness by Promoting a Supporting Cell Phenotype in Developing Auditory Hair Cells. PLoS ONE, 2014, 9, e108160.	2.5	16
17	Notch-mediated lateral induction is necessary to maintain vestibular prosensory identity during inner ear development. Developmental Biology, 2020, 462, 74-84.	2.0	11
18	Ciliary margin-derived BMP4 does not have a major role in ocular development. PLoS ONE, 2018, 13, e0197048.	2.5	5

#	Article	IF	Citations
19	Trabecular meshwork morphogenesis: A comparative analysis of wildtype and anterior segment dysgenesis mouse models. Experimental Eye Research, 2018, 170, 81-91.	2.6	3