

Nicolas Michalski

List of Publications by Year in descending order

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15
papers

1,429
citations

623734

14
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

1709
citing authors

#	ARTICLE	IF	CITATIONS
1	Central auditory deficits associated with genetic forms of peripheral deafness. <i>Human Genetics</i> , 2022, 141, 335-345.	3.8	11
2	Ultrarare heterozygous pathogenic variants of genes causing dominant forms of early-onset deafness underlie severe presbycusis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31278-31289.	7.1	29
3	Mapping the Fine-Scale Organization and Plasticity of the Brain Vasculature. <i>Cell</i> , 2020, 180, 780-795.e25.	28.9	213
4	Genes Involved in the Development and Physiology of Both the Peripheral and Central Auditory Systems. <i>Annual Review of Neuroscience</i> , 2019, 42, 67-86.	10.7	33
5	Stiffness and tension gradients of the hair cell's tip-link complex in the mammalian cochlea. <i>ELife</i> , 2019, 8, .	6.0	49
6	Auditory cortex interneuron development requires cadherins operating hair-cell mechano-electrical transduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7765-7774.	7.1	35
7	Otoferlin acts as a Ca ²⁺ sensor for vesicle fusion and vesicle pool replenishment at auditory hair cell ribbon synapses. <i>ELife</i> , 2017, 6, .	6.0	108
8	Genetics of auditory mechano-electrical transduction. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 49-72.	2.8	25
9	Stereocilin connects outer hair cell stereocilia to one another and to the tectorial membrane. <i>Journal of Comparative Neurology</i> , 2011, 519, 194-210.	1.6	98
10	Usher type 1G protein sans is a critical component of the tip-link complex, a structure controlling actin polymerization in stereocilia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5825-5830.	7.1	120
11	Control of Exocytosis by Synaptotagmins and Otoferlin in Auditory Hair Cells. <i>Journal of Neuroscience</i> , 2010, 30, 13281-13290.	3.6	106
12	Harmonin-b, an actin-binding scaffold protein, is involved in the adaptation of mechano-electrical transduction by sensory hair cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 459, 115-130.	2.8	77
13	Molecular Characterization of the Ankle-Link Complex in Cochlear Hair Cells and Its Role in the Hair Bundle Functioning. <i>Journal of Neuroscience</i> , 2007, 27, 6478-6488.	3.6	190
14	Usherin, the defective protein in Usher syndrome type IIA, is likely to be a component of interstereocilia ankle links in the inner ear sensory cells. <i>Human Molecular Genetics</i> , 2005, 14, 3921-3932.	2.9	166
15	Myosin XVa and whirlin, two deafness gene products required for hair bundle growth, are located at the stereocilia tips and interact directly. <i>Human Molecular Genetics</i> , 2005, 14, 401-410.	2.9	166