

# Isabelle Roux

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1210216/publications.pdf>

Version: 2024-02-01

18  
papers

1,575  
citations

567281

15  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic analysis of childhood hearing loss in the Yoruba population of Nigeria. <i>European Journal of Human Genetics</i> , 2022, 30, 42-52.	2.8	7
2	Dissection of the Endolymphatic Sac from Mice. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	3
3	Nicotine evoked efferent transmitter release onto immature cochlear inner hair cells. <i>Journal of Neurophysiology</i> , 2020, 124, 1377-1387.	1.8	3
4	Genetic Hearing Loss Associated With Autoinflammation. <i>Frontiers in Neurology</i> , 2020, 11, 141.	2.4	27
5	A common <i>SLC26A4</i> -linked haplotype underlying non-syndromic hearing loss with enlargement of the vestibular aqueduct. <i>Journal of Medical Genetics</i> , 2017, 54, 665-673.	3.2	29
6	RgIA4 Potently Blocks Mouse $\alpha 9\alpha 10$ nAChRs and Provides Long Lasting Protection against Oxaliplatin-Induced Cold Allodynia. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 219.	3.7	56
7	Assessment of the expression and role of the $\alpha 1$ -nAChR subunit in efferent cholinergic function during the development of the mammalian cochlea. <i>Journal of Neurophysiology</i> , 2016, 116, 479-492.	1.8	21
8	Notch Signaling Limits Supporting Cell Plasticity in the Hair Cell-Damaged Early Postnatal Murine Cochlea. <i>PLoS ONE</i> , 2013, 8, e73276.	2.5	87
9	Probing the Functional Equivalence of Otoferlin and Synaptotagmin 1 in Exocytosis. <i>Journal of Neuroscience</i> , 2011, 31, 4886-4895.	3.6	94
10	Onset of Cholinergic Efferent Synaptic Function in Sensory Hair Cells of the Rat Cochlea. <i>Journal of Neuroscience</i> , 2011, 31, 15092-15101.	3.6	68
11	Dendritic HCN Channels Shape Excitatory Postsynaptic Potentials at the Inner Hair Cell Afferent Synapse in the Mammalian Cochlea. <i>Journal of Neurophysiology</i> , 2010, 103, 2532-2543.	1.8	86
12	Myosin VI is required for the proper maturation and function of inner hair cell ribbon synapses. <i>Human Molecular Genetics</i> , 2009, 18, 4615-4628.	2.9	81
13	Vezatin, an integral membrane protein of adherens junctions, is required for the sound resilience of cochlear hair cells. <i>EMBO Molecular Medicine</i> , 2009, 1, 125-138.	6.9	39
14	Calcium- and Otoferlin-Dependent Exocytosis by Immature Outer Hair Cells. <i>Journal of Neuroscience</i> , 2008, 28, 1798-1803.	3.6	80
15	Otoferlin, Defective in a Human Deafness Form, Is Essential for Exocytosis at the Auditory Ribbon Synapse. <i>Cell</i> , 2006, 127, 277-289.	28.9	554
16	Results of cochlear implantation in two children with mutations in the OTOF gene. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2006, 70, 689-696.	1.0	114
17	PHR1, an integral membrane protein of the inner ear sensory cells, directly interacts with myosin 1c and myosin VIIa. <i>Journal of Cell Science</i> , 2005, 118, 2891-2899.	2.0	33
18	Elevated mutation rates in the germ line of first- and second-generation offspring of irradiated male mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 6877-6882.	7.1	193