Saaid Safieddine

List of Publications by Year
in descending order

33 papers	3,243 citations	218677 26 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	2846 citing authors

#	Article	IF	Citations
1	Otoferlin, Defective in a Human Deafness Form, Is Essential for Exocytosis at the Auditory Ribbon Synapse. Cell, 2006, 127, 277-289.	28.9	554
2	KCNQ4, a K ⁺ channel mutated in a form of dominant deafness, is expressed in the inner ear and the central auditory pathway. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 4333-4338.	7.1	382
3	Vezatin, a novel transmembrane protein, bridges myosin VIIA to the cadherin-catenins complex. EMBO Journal, 2000, 19, 6020-6029.	7.8	205
4	Dual AAV-mediated gene therapy restores hearing in a DFNB9 mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4496-4501.	7.1	162
5	The Auditory Hair Cell Ribbon Synapse: From Assembly to Function. Annual Review of Neuroscience, 2012, 35, 509-528.	10.7	158
6	Hypervulnerability to Sound Exposure through Impaired Adaptive Proliferation of Peroxisomes. Cell, 2015, 163, 894-906.	28.9	158
7	SNARE complex at the ribbon synapses of cochlear hair cells: analysis of synaptic vesicle- and synaptic membrane-associated proteins. European Journal of Neuroscience, 1999, 11, 803-812.	2.6	147
8	Otoferlin Is Critical for a Highly Sensitive and Linear Calcium-Dependent Exocytosis at Vestibular Hair Cell Ribbon Synapses. Journal of Neuroscience, 2009, 29, 10474-10487.	3.6	113
9	Otoferlin acts as a Ca2+ sensor for vesicle fusion and vesicle pool replenishment at auditory hair cell ribbon synapses. ELife, 2017, 6, .	6.0	108
10	Control of Exocytosis by Synaptotagmins and Otoferlin in Auditory Hair Cells. Journal of Neuroscience, 2010, 30, 13281-13290.	3.6	106
11	Local gene therapy durably restores vestibular function in a mouse model of Usher syndrome type 1G. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9695-9700.	7.1	101
12	Clarin-1 gene transfer rescues auditory synaptopathy in model of Usher syndrome. Journal of Clinical Investigation, 2018, 128, 3382-3401.	8.2	97
13	Myosin VI is required for the proper maturation and function of inner hair cell ribbon synapses. Human Molecular Genetics, 2009, 18, 4615-4628.	2.9	81
14	Choline Acetyltransferase, Glutamate Decarboxylase, Tyrosine Hydroxylase, Calcitonin Geneâ€related Peptide and Opioid Peptides Coexist in Lateral Efferent Neurons of Rat and Guineaâ€pig. European Journal of Neuroscience, 1997, 9, 356-367.	2.6	80
15	Calcium- and Otoferlin-Dependent Exocytosis by Immature Outer Hair Cells. Journal of Neuroscience, 2008, 28, 1798-1803.	3.6	80
16	Triple Immunofluorescence Evidence for the Coexistence of Acetylcholine, Enkephalins and Calcitonin Gene-related Peptide Within Efferent (Olivocochlear) Neurons of Rats and Guinea-pigs. European Journal of Neuroscience, 1992, 4, 981-992.	2.6	72
17	Chapter 8 Mouse Models for Human Hereditary Deafness. Current Topics in Developmental Biology, 2008, 84, 385-429.	2.2	68
18	Hearing Protection, Restoration, and Regeneration: An Overview of Emerging Therapeutics for Inner Ear and Central Hearing Disorders. Otology and Neurotology, 2019, 40, 559-570.	1.3	68

#	Article	IF	Citations
19	Î±II-Î²V spectrin bridges the plasma membrane and cortical lattice in the lateral wall of the auditory outer hair cells. Journal of Cell Science, 2008, 121, 3347-3356.	2.0	62
20	The Glutamate Receptor Subunit Î´1 Is Highly Expressed in Hair Cells of the Auditory and Vestibular Systems. Journal of Neuroscience, 1997, 17, 7523-7531.	3.6	59
21	Unconventional Myosin VIIA Is a Novel A-kinase-anchoring Protein. Journal of Biological Chemistry, 2000, 275, 29654-29659.	3.4	55
22	Mechanotransduction is required for establishing and maintaining mature inner hair cells and regulating efferent innervation. Nature Communications, 2018, 9, 4015.	12.8	54
23	Exocytotic Machineries of Vestibular Type I and Cochlear Ribbon Synapses Display Similar Intrinsic Otoferlin-Dependent Ca2+ Sensitivity But a Different Coupling to Ca2+ Channels. Journal of Neuroscience, 2014, 34, 10853-10869.	3.6	50
24	Molecular Analysis of Excitatory Amino Acid Receptor Expression in the Cochlea. Audiology and Neuro-Otology, 1997, 2, 79-91.	1.3	36
25	Different Ca_V1.3 Channel Isoforms Control Distinct Components of the Synaptic Vesicle Cycle in Auditory Inner Hair Cells. Journal of Neuroscience, 2017, 37, 2960-2975.	3.6	34
26	Cysteine-string protein in inner hair cells of the organ of Corti: synaptic expression and upregulation at the onset of hearing. European Journal of Neuroscience, 2002, 15, 1409-1420.	2.6	30
27	Viral transfer of mini-otoferlins partially restores the fast component of exocytosis and uncovers ultrafast endocytosis in auditory hair cells of otoferlin knock-out mice. Journal of Neuroscience, 2019, 39, 1550-18.	3.6	28
28	Pre- and postsynaptic M3 muscarinic receptor mRNAs in the rodent peripheral auditory system. Molecular Brain Research, 1996, 40, 127-135.	2.3	24
29	Identification of a novel SNAP25 interacting protein (SIP30). Journal of Neurochemistry, 2002, 81, 1338-1347.	3.9	20
30	Hair Cell Afferent Synapses: Function and Dysfunction. Cold Spring Harbor Perspectives in Medicine, 2019, 9, a033175.	6.2	20
31	Ocsyn, a Novel Syntaxin-Interacting Protein Enriched in the Subapical Region of Inner Hair Cells. Molecular and Cellular Neurosciences, 2002, 20, 343-353.	2.2	15
32	Vesicle Targeting in Hair Cells. Audiology and Neuro-Otology, 2002, 7, 45-48.	1.3	7
33	Pre-and postsynaptic M3 muscarinic receptor mRNAs in the rodent peripheral auditory system. Molecular Brain Research, 1996, 40, 127-135.	2.3	3