

Dwayne D Simmons

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,030
citations

361413

20
h-index

477307

29
g-index

34
all docs

34
docs citations

34
times ranked

829
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of the inner ear efferent system across vertebrate species. <i>Journal of Neurobiology</i> , 2002, 53, 228-250.	3.6	172
2	Oncomodulin identifies different hair cell types in the mammalian inner ear. <i>Journal of Comparative Neurology</i> , 2010, 518, 3785-3802.	1.6	98
3	Differential expression of the $\alpha 9$ nicotinic acetylcholine receptor subunit in neonatal and adult cochlear hair cells. <i>Molecular Brain Research</i> , 1998, 56, 287-292.	2.3	57
4	Olivocochlear innervation of inner and outer hair cells during postnatal maturation: an immunocytochemical study. <i>Developmental Brain Research</i> , 1996, 95, 213-226.	1.7	53
5	Coordinated calcium signalling in cochlear sensory and non-sensory cells refines afferent innervation of outer hair cells. <i>EMBO Journal</i> , 2019, 38, .	7.8	52
6	Reconstructions of efferent fibers in the postnatal hamster cochlea. <i>Hearing Research</i> , 1990, 49, 127-139.	2.0	48
7	The Human Olivocochlear System: Organization and Development. <i>Audiology and Neuro-Otology</i> , 1999, 4, 311-325.	1.3	48
8	Oncomodulin, an EF-Hand Ca^{2+} Buffer, Is Critical for Maintaining Cochlear Function in Mice. <i>Journal of Neuroscience</i> , 2016, 36, 1631-1635.	3.6	47
9	Developmental mRNA expression of the $\alpha 10$ nicotinic acetylcholine receptor subunit in the rat cochlea. <i>Developmental Brain Research</i> , 2002, 139, 87-96.	1.7	44
10	A transient afferent innervation of outer hair cells in the postnatal cochlea. <i>NeuroReport</i> , 1994, 5, 1309-1312.	1.2	36
11	Expression of α and β parvalbumin is differentially regulated in the rat organ of corti during development. <i>Journal of Neurobiology</i> , 2004, 58, 479-492.	3.6	36
12	Hair cell maturation is differentially regulated along the tonotopic axis of the mammalian cochlea. <i>Journal of Physiology</i> , 2020, 598, 151-170.	2.9	34
13	Postnatal maturation of spiral ganglion neurons: A horseradish peroxidase study. <i>Hearing Research</i> , 1991, 55, 81-91.	2.0	32
14	Applications of neuronal labeling techniques to the study of the peripheral auditory system. <i>Journal of the Acoustical Society of America</i> , 1985, 78, 312-319.	1.1	30
15	The Final Stage of Cholinergic Differentiation Occurs Below Inner Hair Cells During Development of the Rodent Cochlea. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2006, 6, 401-415.	1.8	27
16	Oncomodulin Expression Reveals New Insights into the Cellular Organization of the Murine Utricle Striola. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2018, 19, 33-51.	1.8	26
17	Temporal and genetic influences on protection against noise-induced hearing loss by hypoxic preconditioning in mice. <i>Hearing Research</i> , 2007, 226, 79-91.	2.0	25
18	Inner ear morphological correlates of ultrasonic hearing in frogs. <i>Hearing Research</i> , 2012, 283, 70-79.	2.0	24

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19	Innervation of the amphibian and basilar papillae in the leopard frog: Reconstructions of single labeled fibers. <i>Journal of Comparative Neurology</i> , 1992, 322, 191-200.	1.6	23
20	Oncomodulin: The Enigmatic Parvalbumin Protein. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 235.	2.9	22
21	Choline acetyltransferase expression during a putative developmental waiting period. <i>Journal of Comparative Neurology</i> , 1998, 397, 281-295.	1.6	21
22	Muscle-like nicotinic receptor accessory molecules in sensory hair cells of the inner ear. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 153-169.	2.2	17
23	The superior olivary complex of the hamster has multiple periods of cholinergic neuron development. <i>Journal of Chemical Neuroanatomy</i> , 2002, 24, 75-93.	2.1	15
24	Generation and Characterization of $\alpha 9$ and $\alpha 10$ Nicotinic Acetylcholine Receptor Subunit Knockout Mice on a C57BL/6J Background. <i>Frontiers in Neuroscience</i> , 2017, 11, 516.	2.8	13
25	The Conditioning Lesion Response in Dorsal Root Ganglion Neurons Is Inhibited in Oncomodulin Knock-Out Mice. <i>ENeuro</i> , 2022, 9, ENEURO.0477-21.2022.	1.9	9
26	Anatomy, Physiology, and Function of Auditory End-Organs in the Frog Inner Ear. , 2007, , 184-220.		8
27	Oncomodulin (OCM) uniquely regulates calcium signaling in neonatal cochlear outer hair cells. <i>Cell Calcium</i> , 2022, 105, 102613.	2.4	4
28	Evidence for water-permeable channels in auditory hair cells in the leopard frog. <i>Hearing Research</i> , 2012, 292, 64-70.	2.0	3
29	Deletion of Oncomodulin Gives Rise to Early Progressive Cochlear Dysfunction in C57 and CBA Mice. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 749729.	3.4	3
30	Recovery of otoacoustic emissions after high-level noise exposure in the American bullfrog. <i>Journal of Experimental Biology</i> , 2014, 217, 1626-36.	1.7	1
31	Prenatal Exposure to Tobacco and Alcohol Alters Development of the Neonatal Auditory System. <i>Developmental Neuroscience</i> , 2021, 43, 358-375.	2.0	0