Sonja J Pyott

List of Publications by Year
in descending order

18	478	840776 11	839539 18
papers	citations	h-index	g-index

18	18	18	620
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Distribution of the Na,K-ATPase Î± Subunit in the Rat Spiral Ganglion and Organ of Corti. JARO - Journal of the Association for Research in Otolaryngology, 2009, 10, 37-49.	1.8	101
2	Glutamatergic Signaling at the Vestibular Hair Cell Calyx Synapse. Journal of Neuroscience, 2014, 34, 14536-14550.	3.6	75
3	The afferent signaling complex: Regulation of type I spiral ganglion neuron responses in the auditory periphery. Hearing Research, 2016, 336, 1-16.	2.0	67
4	Ca²⁺and Ca²⁺-Activated K⁺Channels That Support and Modulate Transmitter Release at the Olivocochlear Efferentâ€“Inner Hair Cell Synapse. Journal of Neuroscience, 2010, 30, 12157-12167.	3.6	34
5	Sodium-activated potassium channels shape peripheral auditory function and activity of the primary auditory neurons in mice. Scientific Reports, 2019, 9, 2573.	3.3	30
6	Regulation of auditory plasticity during critical periods and following hearing loss. Hearing Research, 2020, 397, 107976.	2.0	27
7	Age-Related Changes in the Cochlea and Vestibule: Shared Patterns and Processes. Frontiers in Neuroscience, 2021, 15, 680856.	2.8	25
8	LRRC52 regulates BK channel function and localization in mouse cochlear inner hair cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18397-18403.	7.1	24
9	mGluR1 enhances efferent inhibition of inner hair cells in the developing rat cochlea. Journal of Physiology, 2017, 595, 3483-3495.	2.9	20
10	Altered cochlear innervation in developing and mature naked and Damaraland mole rats. Journal of Comparative Neurology, 2019, 527, 2302-2316.	1.6	14
11	Volume gradients in inner hair cell-auditory nerve fiber pre- and postsynaptic proteins differ across mouse strains. Hearing Research, 2020, 390, 107933.	2.0	14
12	A retrospective cross-sectional study on tinnitus prevalence and disease associations in the Dutch population-based cohort Lifelines. Hearing Research, 2021, 411, 108355.	2.0	13
13	Hearing and Vocalizations in the Naked Mole-Rat. Advances in Experimental Medicine and Biology, 2021, 1319, 157-195.	1.6	10
14	Assessment of cochlear toxicity in response to chronic 3,3â€²-iminodipropionitrile in mice reveals early and reversible functional loss that precedes overt histopathology. Archives of Toxicology, 2021, 95, 1003-1021.	4.2	9
15	Transcriptome-Guided Identification of Drugs for Repurposing to Treat Age-Related Hearing Loss. Biomolecules, 2022, 12, 498.	4.0	8
16	Whole-Cell Patch-Clamp Recording of Mouse and Rat Inner Hair Cells in the Intact Organ of Corti. Methods in Molecular Biology, 2016, 1427, 471-485.	0.9	4
17	Changes in spontaneous movement in response to silent gaps are not robust enough to indicate the perception of tinnitus in mice. PLoS ONE, 2018, 13, e0202882.	2.5	2
18	Preparation of the intact rodent organ of Corti for RNAscope and immunolabeling, confocal microscopy, and quantitative analysis. STAR Protocols, 2021, 2, 100544.	1.2	1