StÃ©phane F Maison

List of Publications by Year
in descending order

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39 papers	2,858 citations	201674 27 h-index	302126 39 g-index
39 all docs	39 docs citations	39 times ranked	1970 citing authors

#	Article	IF	Citations
1	Toward a Differential Diagnosis of Hidden Hearing Loss in Humans. PLoS ONE, 2016, 11, e0162726.	2.5	449
2	Predicting Vulnerability to Acoustic Injury with a Noninvasive Assay of Olivocochlear Reflex Strength. Journal of Neuroscience, 2000, 20, 4701-4707.	3.6	278
3	Efferent Feedback Minimizes Cochlear Neuropathy from Moderate Noise Exposure. Journal of Neuroscience, 2013, 33, 5542-5552.	3.6	187
4	Olivocochlear innervation in the mouse: Immunocytochemical maps, crossed versus uncrossed contributions, and transmitter colocalization. Journal of Comparative Neurology, 2003, 455, 406-416.	1.6	168
5	Cochlear efferent feedback balances interaural sensitivity. Nature Neuroscience, 2006, 9, 1474-1476.	14.8	130
6	Efferent Protection from Acoustic Injury Is Mediated via Î±9 Nicotinic Acetylcholine Receptors on Outer Hair Cells. Journal of Neuroscience, 2002, 22, 10838-10846.	3.6	122
7	The Î±10 nicotinic acetylcholine receptor subunit is required for normal synaptic function and integrity of the olivocochlear system. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20594-20599.	7.1	121
8	Efferent Feedback Slows Cochlear Aging. Journal of Neuroscience, 2014, 34, 4599-4607.	3.6	116
9	A Point Mutation in the Hair Cell Nicotinic Cholinergic Receptor Prolongs Cochlear Inhibition and Enhances Noise Protection. PLoS Biology, 2009, 7, e1000018.	5.6	109
10	Selective Removal of Lateral Olivocochlear Efferents Increases Vulnerability to Acute Acoustic Injury. Journal of Neurophysiology, 2007, 97, 1775-1785.	1.8	106
11	Dopaminergic Signaling in the Cochlea: Receptor Expression Patterns and Deletion Phenotypes. Journal of Neuroscience, 2012, 32, 344-355.	3.6	80
12	Functional Role of GABAergic Innervation of the Cochlea: Phenotypic Analysis of Mice Lacking GABAA Receptor Subunits Â1, Â2, Â5, Â6, beta2, beta3, or Â. Journal of Neuroscience, 2006, 26, 10315-10326.	3.6	75
13	Olivocochlear Innervation Maintains the Normal Modiolar-Pillar and Habenular-Cuticular Gradients in Cochlear Synaptic Morphology. JARO - Journal of the Association for Research in Otolaryngology, 2014, 15, 571-583.	1.8	72
14	Effects of cochlear synaptopathy on middle-ear muscle reflexes in unanesthetized mice. Hearing Research, 2018, 363, 109-118.	2.0	70
15	Middle Ear Muscle Reflex and Word Recognition in â€œNormal-Hearingâ€•Adults: Evidence for Cochlear Synaptopathy?. Ear and Hearing, 2020, 41, 25-38.	2.1	67
16	Loss of Î±CGRP Reduces Sound-Evoked Activity in the Cochlear Nerve. Journal of Neurophysiology, 2003, 90, 2941-2949.	1.8	63
17	Sound-Evoked Olivocochlear Activation in Unanesthetized Mice. JARO - Journal of the Association for Research in Otolaryngology, 2012, 13, 209-217.	1.8	54
18	Orphan Glutamate Receptor Î´1 Subunit Required for High-Frequency Hearing. Molecular and Cellular Biology, 2007, 27, 4500-4512.	2.3	53

#	Article	IF	Citations
19	Chronic Conductive Hearing Loss Leads to Cochlear Degeneration. PLoS ONE, 2015, 10, e0142341.	2.5	49
20	Oncomodulin, an EF-Hand Ca²⁺Buffer, Is Critical for Maintaining Cochlear Function in Mice. Journal of Neuroscience, 2016, 36, 1631-1635.	3.6	47
21	Olivocochlear suppression of outer hair cells in vivo: evidence for combined action of BK and SK2 channels throughout the cochlea. Journal of Neurophysiology, 2013, 109, 1525-1534.	1.8	44
22	Electrophysiological markers of cochlear function correlate with hearing-in-noise performance among audiometrically normal subjects. Journal of Neurophysiology, 2020, 124, 418-431.	1.8	43
23	SK2 channels are required for function and long-term survival of efferent synapses on mammalian outer hair cells. Molecular and Cellular Neurosciences, 2009, 40, 39-49.	2.2	42
24	A Novel Effect of Cochlear Efferents: In Vivo Response Enhancement Does Not Require Î±9 Cholinergic Receptors. Journal of Neurophysiology, 2007, 97, 3269-3278.	1.8	41
25	Envelope following responses predict speech-in-noise performance in normal-hearing listeners. Journal of Neurophysiology, 2021, 125, 1213-1222.	1.8	38
26	Type II Cochlear Ganglion Neurons Do Not Drive the Olivocochlear Reflex: Re-Examination of the Cochlear Phenotype in Peripherin Knock-Out Mice. ENeuro, 2016, 3, ENEURO.0207-16.2016.	1.9	33
27	Loss of GABAB Receptors in Cochlear Neurons: Threshold Elevation Suggests Modulation of Outer Hair Cell Function by Type II Afferent Fibers. JARO - Journal of the Association for Research in Otolaryngology, 2009, 10, 50-63.	1.8	30
28	Muscarinic Signaling in the Cochlea: Presynaptic and Postsynaptic Effects on Efferent Feedback and Afferent Excitability. Journal of Neuroscience, 2010, 30, 6751-6762.	3.6	27
29	Overexpression of SK2 Channels Enhances Efferent Suppression of Cochlear Responses Without Enhancing Noise Resistance. Journal of Neurophysiology, 2007, 97, 2930-2936.	1.8	26
30	A Gain-of-Function Mutation in the Î±9 Nicotinic Acetylcholine Receptor Alters Medial Olivocochlear Efferent Short-Term Synaptic Plasticity. Journal of Neuroscience, 2018, 38, 3939-3954.	3.6	22
31	Mice Lacking Adrenergic Signaling Have Normal Cochlear Responses and Normal Resistance to Acoustic Injury but Enhanced Susceptibility to Middle-Ear Infection. JARO - Journal of the Association for Research in Otolaryngology, 2010, 11, 449-461.	1.8	18
32	Contralateral-noise effects on cochlear responses in anesthetized mice are dominated by feedback from an unknown pathway. Journal of Neurophysiology, 2012, 108, 491-500.	1.8	16
33	Chronic Conductive Hearing Loss Is Associated With Speech Intelligibility Deficits in Patients With Normal Bone Conduction Thresholds. Ear and Hearing, 2020, 41, 500-507.	2.1	16
34	Predicting neural deficits in sensorineural hearing loss from word recognition scores. Scientific Reports, 2022, 12, .	3.3	16
35	Perinatal thiamine deficiency causes cochlear innervation abnormalities in mice. Hearing Research, 2016, 335, 94-104.	2.0	9
36	The summating potential in human electrocochleography: Gaussian models and Fourier analysis. Journal of the Acoustical Society of America, 2021, 150, 2492-2502.	1.1	8

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37	Idiopathic Sudden Sensorineural Hearing Loss: Speech Intelligibility Deficits Following Threshold Recovery. Ear and Hearing, 2021, 42, 782-792.	2.1	7
38	Ethical considerations in noise-induced hearing loss research. Lancet, The, 2017, 390, 920-922.	13.7	4
39	Preserving Wideband Tympanometry Information With Artifact Mitigation. Ear and Hearing, 2021, Publish Ahead of Print, .	2.1	2