Ramnarayan Ramachandran

List of Publications by Year
in descending order

23	712	759233 12	677142 22
papers	citations	h-index	g-index

25	25	25	398
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chronic Otitis Externa Secondary to Tympanic Membrane Electrode Placement in Rhesus Macaques (Macaca mulatta). Comparative Medicine, 2022, 72, 104-112.	1.0	1
2	Audiologic characterization using clinical physiological measures: Normative data from macaque monkeys. Hearing Research, 2022, , 108568.	2.0	1
3	Correlations between cochlear pathophysiology and behavioral measures of temporal and spatial processing in noise exposed macaques. Hearing Research, 2021, 401, 108156.	2.0	4
4	Three psychophysical metrics of auditory temporal integration in macaques. Journal of the Acoustical Society of America, 2021, 150, 3176-3191.	1.1	3
5	The Binaural Interaction Component in Rhesus Macaques (Macaca mulatta). ENeuro, 2021, 8, ENEURO.0402-21.2021.	1.9	2
6	Changes in audiometric threshold and frequency selectivity correlate with cochlear histopathology in macaque monkeys with permanent noise-induced hearing loss. Hearing Research, 2020, 398, 108082.	2.0	8
7	Noise-induced hearing loss and its prevention: current issues in mammalian hearing. Current Opinion in Physiology, 2020, 18, 32-36.	1.8	5
8	Foreground stimuli and task engagement enhance neuronal adaptation to background noise in the inferior colliculus of macaques. Journal of Neurophysiology, 2020, 124, 1315-1326.	1.8	7
9	The use of nonhuman primates in studies of noise injury and treatment. Journal of the Acoustical Society of America, 2019, 146, 3770-3789.	1.1	18
10	Frequency selectivity in macaque monkeys measured using a notched-noise method. Hearing Research, 2018, 357, 73-80.	2.0	12
11	Effects of noise overexposure on tone detection in noise in nonhuman primates. Hearing Research, 2018, 357, 33-45.	2.0	13
12	Neuronal adaptation to sound statistics in the inferior colliculus of behaving macaques does not reduce the effectiveness of the masking noise. Journal of Neurophysiology, 2018, 120, 2819-2833.	1.8	15
13	Spatial and temporal disparity in signals and maskers affects signal detection in non-human primates. Hearing Research, 2017, 344, 1-12.	2.0	7
14	Detection of Modulated Tones in Modulated Noise by Non-human Primates. JARO - Journal of the Association for Research in Otolaryngology, 2014, 15, 801-821.	1.8	24
15	Detection of Tones and Their Modification by Noise in Nonhuman Primates. JARO - Journal of the Association for Research in Otolaryngology, 2013, 14, 547-560.	1.8	30
16	Neural Substrate of Modified and Unmodified Pathways for Learning in Monkey Vestibuloocular Reflex. Journal of Neurophysiology, 2008, 100, 1868-1878.	1.8	35
17	Transformation of Vestibular Signals Into Motor Commands in the Vestibuloocular Reflex Pathways of Monkeys. Journal of Neurophysiology, 2006, 96, 1061-1074.	1.8	62
18	Normal Performance and Expression of Learning in the Vestibulo-Ocular Reflex (VOR) at High Frequencies. Journal of Neurophysiology, 2005, 93, 2028-2038.	1.8	79

#	Article	IF	Citations
19	Auditory Processing of Spectral Cues for Sound Localization in the Inferior Colliculus. JARO - Journal of the Association for Research in Otolaryngology, 2003, 4, 148-163.	1.8	75
20	Functional Segregation of ITD Sensitivity in the Inferior Colliculus of Decerebrate Cats. Journal of Neurophysiology, 2002, 88, 2251-2261.	1.8	33
21	Rate Representation of Tones in Noise in the Inferior Colliculus of Decerebrate Cats. JARO - Journal of the Association for Research in Otolaryngology, 2000, 1, 144-160.	1.8	31
22	Single-Unit Responses in the Inferior Colliculus of Decerebrate Cats I. Classification Based on Frequency Response Maps. Journal of Neurophysiology, 1999, 82, 152-163.	1.8	185
23	Single-Unit Responses in the Inferior Colliculus of Decerebrate Cats II. Sensitivity to Interaural Level Differences. Journal of Neurophysiology, 1999, 82, 164-175.	1.8	61