

# Ramnarayan Ramachandran

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

712  
citations

759233

12  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Unit Responses in the Inferior Colliculus of Decerebrate Cats I. Classification Based on Frequency Response Maps. <i>Journal of Neurophysiology</i> , 1999, 82, 152-163.	1.8	185
2	Normal Performance and Expression of Learning in the Vestibulo-Ocular Reflex (VOR) at High Frequencies. <i>Journal of Neurophysiology</i> , 2005, 93, 2028-2038.	1.8	79
3	Auditory Processing of Spectral Cues for Sound Localization in the Inferior Colliculus. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2003, 4, 148-163.	1.8	75
4	Transformation of Vestibular Signals Into Motor Commands in the Vestibuloocular Reflex Pathways of Monkeys. <i>Journal of Neurophysiology</i> , 2006, 96, 1061-1074.	1.8	62
5	Single-Unit Responses in the Inferior Colliculus of Decerebrate Cats II. Sensitivity to Interaural Level Differences. <i>Journal of Neurophysiology</i> , 1999, 82, 164-175.	1.8	61
6	Neural Substrate of Modified and Unmodified Pathways for Learning in Monkey Vestibuloocular Reflex. <i>Journal of Neurophysiology</i> , 2008, 100, 1868-1878.	1.8	35
7	Functional Segregation of ITD Sensitivity in the Inferior Colliculus of Decerebrate Cats. <i>Journal of Neurophysiology</i> , 2002, 88, 2251-2261.	1.8	33
8	Rate Representation of Tones in Noise in the Inferior Colliculus of Decerebrate Cats. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2000, 1, 144-160.	1.8	31
9	Detection of Tones and Their Modification by Noise in Nonhuman Primates. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2013, 14, 547-560.	1.8	30
10	Detection of Modulated Tones in Modulated Noise by Non-human Primates. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2014, 15, 801-821.	1.8	24
11	The use of nonhuman primates in studies of noise injury and treatment. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 3770-3789.	1.1	18
12	Neuronal adaptation to sound statistics in the inferior colliculus of behaving macaques does not reduce the effectiveness of the masking noise. <i>Journal of Neurophysiology</i> , 2018, 120, 2819-2833.	1.8	15
13	Effects of noise overexposure on tone detection in noise in nonhuman primates. <i>Hearing Research</i> , 2018, 357, 33-45.	2.0	13
14	Frequency selectivity in macaque monkeys measured using a notched-noise method. <i>Hearing Research</i> , 2018, 357, 73-80.	2.0	12
15	Changes in audiometric threshold and frequency selectivity correlate with cochlear histopathology in macaque monkeys with permanent noise-induced hearing loss. <i>Hearing Research</i> , 2020, 398, 108082.	2.0	8
16	Spatial and temporal disparity in signals and maskers affects signal detection in non-human primates. <i>Hearing Research</i> , 2017, 344, 1-12.	2.0	7
17	Foreground stimuli and task engagement enhance neuronal adaptation to background noise in the inferior colliculus of macaques. <i>Journal of Neurophysiology</i> , 2020, 124, 1315-1326.	1.8	7
18	Noise-induced hearing loss and its prevention: current issues in mammalian hearing. <i>Current Opinion in Physiology</i> , 2020, 18, 32-36.	1.8	5

#	ARTICLE	IF	CITATIONS
19	Correlations between cochlear pathophysiology and behavioral measures of temporal and spatial processing in noise exposed macaques. <i>Hearing Research</i> , 2021, 401, 108156.	2.0	4
20	Three psychophysical metrics of auditory temporal integration in macaques. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 3176-3191.	1.1	3
21	The Binaural Interaction Component in Rhesus Macaques ( <i>Macaca mulatta</i> ). <i>ENeuro</i> , 2021, 8, ENEURO.0402-21.2021.	1.9	2
22	<b>Chronic Otitis Externa Secondary to Tympanic Membrane Electrode Placement in Rhesus Macaques (<i>Macaca mulatta</i>)</b> . <i>Comparative Medicine</i> , 2022, 72, 104-112.	1.0	1
23	Audiologic characterization using clinical physiological measures: Normative data from macaque monkeys. <i>Hearing Research</i> , 2022, , 108568.	2.0	1