Chandramouli Chandrasekaran

List of Publications by Year
in descending order

24	1,680	516561 16	642610 23
papers	citations	h-index	g-index

37	37	37	1940
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	The Natural Statistics of Audiovisual Speech. PLoS Computational Biology, 2009, 5, e1000436.	1.5	512
2	Interactions between the Superior Temporal Sulcus and Auditory Cortex Mediate Dynamic Face/Voice Integration in Rhesus Monkeys. Journal of Neuroscience, 2008, 28, 4457-4469.	1.7	210
3	Integration of Bimodal Looming Signals through Neuronal Coherence in the Temporal Lobe. Current Biology, 2008, 18, 963-968.	1.8	112
4	Different Neural Frequency Bands Integrate Faces and Voices Differently in the Superior Temporal Sulcus. Journal of Neurophysiology, 2009, 101, 773-788.	0.9	83
5	Neural Correlates of Disparity-Defined Shape Discrimination in the Human Brain. Journal of Neurophysiology, 2007, 97, 1553-1565.	0.9	79
6	Laminar differences in decision-related neural activity in dorsal premotor cortex. Nature Communications, 2017, 8, 614.	5.8	77
7	Computational principles and models of multisensory integration. Current Opinion in Neurobiology, 2017, 43, 25-34.	2.0	76
8	Dynamic, rhythmic facial expressions and the superior temporal sulcus of macaque monkeys: implications for the evolution of audiovisual speech. European Journal of Neuroscience, 2010, 31, 1807-1817.	1.2	66
9	Decoding and perturbing decision states in real time. Nature, 2021, 591, 604-609.	13.7	64
10	Dynamic faces speed up the onset of auditory cortical spiking responses during vocal detection. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4668-77.	3.3	49
11	Monkeys and Humans Share a Common Computation for Face/Voice Integration. PLoS Computational Biology, 2011, 7, e1002165.	1.5	46
12	The need for calcium imaging in nonhuman primates: New motor neuroscience and brain-machine interfaces. Experimental Neurology, 2017, 287, 437-451.	2.0	45
13	Non-linear dimensionality reduction on extracellular waveforms reveals cell type diversity in premotor cortex. ELife, 2021, 10, .	2.8	41
14	The Influence of Natural Scene Dynamics on Auditory Cortical Activity. Journal of Neuroscience, 2010, 30, 13919-13931.	1.7	35
15	Development of an optogenetic toolkit for neural circuit dissection in squirrel monkeys. Scientific Reports, 2018, 8, 6775.	1.6	28
16	Macaque dorsal premotor cortex exhibits decision-related activity only when specific stimulusâ€“response associations are known. Nature Communications, 2019, 10, 1793.	5.8	22
17	Frequency Shifts and Depth Dependence of Premotor Beta Band Activity during Perceptual Decision-Making. Journal of Neuroscience, 2019, 39, 1420-1435.	1.7	22
18	Paving the Way Forward: Integrating the Senses through Phase-Resetting of Cortical Oscillations. Neuron, 2007, 53, 162-164.	3.8	21

#	Article	IF	Citations
19	Attentional networks and biological motion. Psihologija, 2010, 43, 5-20.	0.2	16
20	ChaRTr: An R toolbox for modeling choices and response times in decision-making tasks. Journal of Neuroscience Methods, 2019, 328, 108432.	1.3	12
21	When what you see is not what you hear. Nature Neuroscience, 2011, 14, 675-676.	7.1	5
22	openEyeTrack - A high speed multi-threaded eye tracker for head-fixed applications. Journal of Open Source Software, 2019, 4, 1631.	2.0	4
23	Audiovisual detection at different intensities and delays. Journal of Mathematical Psychology, 2019, 91, 159-175.	1.0	1
24	The Influence of Vision on Auditory Communication in Primates. Springer Handbook of Auditory Research, 2013, , 193-213.	0.3	0