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	Decoding and perturbing decision states in real time. Nature, 2021, 591, 604-609.	13.7	64
2	Non-linear dimensionality reduction on extracellular waveforms reveals cell type diversity in premotor cortex. ELife, 2021, 10, .	2.8	41
3	Audiovisual detection at different intensities and delays. Journal of Mathematical Psychology, 2019, 91, 159-175.	1.0	1
4	ChaRTr: An R toolbox for modeling choices and response times in decision-making tasks. Journal of Neuroscience Methods, 2019, 328, 108432.	1.3	12
5	Macaque dorsal premotor cortex exhibits decision-related activity only when specific stimulusâ€“response associations are known. Nature Communications, 2019, 10, 1793.	5.8	22
6	Frequency Shifts and Depth Dependence of Premotor Beta Band Activity during Perceptual Decision-Making. Journal of Neuroscience, 2019, 39, 1420-1435.	1.7	22
7	openEyeTrack - A high speed multi-threaded eye tracker for head-fixed applications. Journal of Open Source Software, 2019, 4, 1631.	2.0	4
8	Development of an optogenetic toolkit for neural circuit dissection in squirrel monkeys. Scientific Reports, 2018, 8, 6775.	1.6	28
9	Computational principles and models of multisensory integration. Current Opinion in Neurobiology, 2017, 43, 25-34.	2.0	76
10	Laminar differences in decision-related neural activity in dorsal premotor cortex. Nature Communications, 2017, 8, 614.	5.8	77
11	The need for calcium imaging in nonhuman primates: New motor neuroscience and brain-machine interfaces. Experimental Neurology, 2017, 287, 437-451.	2.0	45
12	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
13	The Influence of Vision on Auditory Communication in Primates. Springer Handbook of Auditory Research, 2013, , 193-213.	0.3	0
14	When what you see is not what you hear. Nature Neuroscience, 2011, 14, 675-676.	7.1	5
15	Monkeys and Humans Share a Common Computation for Face/Voice Integration. PLoS Computational Biology, 2011, 7, e1002165.	1.5	46
16	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
17	The Influence of Natural Scene Dynamics on Auditory Cortical Activity. Journal of Neuroscience, 2010, 30, 13919-13931.	1.7	35
18	Attentional networks and biological motion. Psihologija, 2010, 43, 5-20.	0.2	16

#	ARTICLE	IF	CITATIONS
19	The Natural Statistics of Audiovisual Speech. PLoS Computational Biology, 2009, 5, e1000436.	1.5	512
20	Different Neural Frequency Bands Integrate Faces and Voices Differently in the Superior Temporal Sulcus. Journal of Neurophysiology, 2009, 101, 773-788.	0.9	83
21	Integration of Bimodal Looming Signals through Neuronal Coherence in the Temporal Lobe. Current Biology, 2008, 18, 963-968.	1.8	112
22	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
23	Paving the Way Forward: Integrating the Senses through Phase-Resetting of Cortical Oscillations. Neuron, 2007, 53, 162-164.	3.8	21
24	Neural Correlates of Disparity-Defined Shape Discrimination in the Human Brain. Journal of Neurophysiology, 2007, 97, 1553-1565.	0.9	79