Aravindakshan Parthasarathy

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4585201/publications.pdf

Version: 2024-02-01

18	708	687363 13	839539 18
papers	citations	h-index	g-index

22	22	22	435
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting neural deficits in sensorineural hearing loss from word recognition scores. Scientific Reports, 2022, 12, .	3.3	16
2	Idiopathic Sudden Sensorineural Hearing Loss: Speech Intelligibility Deficits Following Threshold Recovery. Ear and Hearing, 2021, 42, 782-792.	2.1	7
3	Fluctuations in Subjective Tinnitus Ratings Over Time: Implications for Clinical Research. Otology and Neurotology, 2020, 41, e1167-e1173.	1.3	8
4	Data-driven segmentation of audiometric phenotypes across a large clinical cohort. Scientific Reports, 2020, 10, 6704.	3.3	27
5	Audiometric Predictors of Bothersome Tinnitus in a Large Clinical Cohort of Adults With Sensorineural Hearing Loss. Otology and Neurotology, 2020, 41, e414-e421.	1.3	14
6	Bottom-up and top-down neural signatures of disordered multi-talker speech perception in adults with normal hearing. ELife, 2020, 9, .	6.0	61
7	Age-related Changes in Neural Coding of Envelope Cues: Peripheral Declines and Central Compensation. Neuroscience, 2019, 407, 21-31.	2.3	52
8	Aging alters envelope representations of speech-like sounds in the inferior colliculus. Neurobiology of Aging, 2019, 73, 30-40.	3.1	44
9	Synaptopathy in the Aging Cochlea: Characterizing Early-Neural Deficits in Auditory Temporal Envelope Processing. Journal of Neuroscience, 2018, 38, 7108-7119.	3.6	130
10	Ageing affects dual encoding of periodicity and envelope shape in rat inferior colliculus neurons. European Journal of Neuroscience, 2017, 45, 299-311.	2.6	38
11	Hierarchical winner-take-all particle swarm optimization social network for neural model fitting. Journal of Computational Neuroscience, 2017, 42, 71-85.	1.0	3
12	Age-Related Changes in Processing Simultaneous Amplitude Modulated Sounds Assessed Using Envelope Following Responses. JARO - Journal of the Association for Research in Otolaryngology, 2016, 17, 119-132.	1.8	20
13	Sensitivity of rat inferior colliculus neurons to frequency distributions. Journal of Neurophysiology, 2015, 114, 2941-2954.	1.8	15
14	Age-Related Changes in the Relationship Between Auditory Brainstem Responses and Envelope-Following Responses. JARO - Journal of the Association for Research in Otolaryngology, 2014, 15, 649-661.	1.8	56
15	Two-channel recording of auditory-evoked potentials to detect age-related deficits in temporal processing. Hearing Research, 2012, 289, 52-62.	2.0	57
16	A Computational Model of Inferior Colliculus Responses to Amplitude Modulated Sounds in Young and Aged Rats. Frontiers in Neural Circuits, 2012, 6, 77.	2.8	35
17	Age-related auditory deficits in temporal processing in F-344 rats. Neuroscience, 2011, 192, 619-630.	2.3	67
18	Age-Related Differences in Auditory Processing as Assessed by Amplitude-Modulation Following Responses in Quiet and in Noise. Frontiers in Aging Neuroscience, 2010, 2, 152.	3.4	49