

Nai Ding

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

4,493
citations

304743

22
h-index

265206

42
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49
all docs

49
docs citations

49
times ranked

2241
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical tracking of hierarchical linguistic structures in connected speech. <i>Nature Neuroscience</i> , 2016, 19, 158-164.	14.8	759
2	Mechanisms Underlying Selective Neuronal Tracking of Attended Speech at a "Cocktail Party". <i>Neuron</i> , 2013, 77, 980-991.	8.1	732
3	Emergence of neural encoding of auditory objects while listening to competing speakers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11854-11859.	7.1	695
4	Cortical entrainment to continuous speech: functional roles and interpretations. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 311.	2.0	350
5	Temporal modulations in speech and music. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 81, 181-187.	6.1	344
6	Adaptive Temporal Encoding Leads to a Background-Insensitive Cortical Representation of Speech. <i>Journal of Neuroscience</i> , 2013, 33, 5728-5735.	3.6	315
7	Robust cortical entrainment to the speech envelope relies on the spectro-temporal fine structure. <i>NeuroImage</i> , 2014, 88, 41-46.	4.2	234
8	Characterizing Neural Entrainment to Hierarchical Linguistic Units using Electroencephalography (EEG). <i>Frontiers in Human Neuroscience</i> , 2017, 11, 481.	2.0	85
9	Differential modulation of auditory responses to attended and unattended speech in different listening conditions. <i>Hearing Research</i> , 2014, 316, 73-81.	2.0	82
10	Sleep Disrupts High-Level Speech Parsing Despite Significant Basic Auditory Processing. <i>Journal of Neuroscience</i> , 2017, 37, 7772-7781.	3.6	78
11	Sensitivity to temporal modulation rate and spectral bandwidth in the human auditory system: MEG evidence. <i>Journal of Neurophysiology</i> , 2012, 107, 2033-2041.	1.8	75
12	Assessing the depth of language processing in patients with disorders of consciousness. <i>Nature Neuroscience</i> , 2020, 23, 761-770.	14.8	74
13	Attention Is Required for Knowledge-Based Sequential Grouping: Insights from the Integration of Syllables into Words. <i>Journal of Neuroscience</i> , 2018, 38, 1178-1188.	3.6	70
14	Power and phase properties of oscillatory neural responses in the presence of background activity. <i>Journal of Computational Neuroscience</i> , 2013, 34, 337-343.	1.0	53
15	Interpretations of Frequency Domain Analyses of Neural Entrainment: Periodicity, Fundamental Frequency, and Harmonics. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 274.	2.0	52
16	Neural Representations of Complex Temporal Modulations in the Human Auditory Cortex. <i>Journal of Neurophysiology</i> , 2009, 102, 2731-2743.	1.8	46
17	Effects of Spectral Degradation on Attentional Modulation of Cortical Auditory Responses to Continuous Speech. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2015, 16, 783-796.	1.8	45
18	Imagined speech influences perceived loudness of sound. <i>Nature Human Behaviour</i> , 2018, 2, 225-234.	12.0	42

#	ARTICLE	IF	CITATIONS
19	The Cortical Maps of Hierarchical Linguistic Structures during Speech Perception. <i>Cerebral Cortex</i> , 2019, 29, 3232-3240.	2.9	35
20	Auditory and language contributions to neural encoding of speech features in noisy environments. <i>NeuroImage</i> , 2019, 192, 66-75.	4.2	32
21	Perceptual integration rapidly activates dorsal visual pathway to guide local processing in early visual areas. <i>PLoS Biology</i> , 2017, 15, e2003646.	5.6	32
22	Rule-based and word-level statistics-based processing of language: insights from neuroscience. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 570-575.	1.2	30
23	Low-frequency neural activity reflects rule-based chunking during speech listening. <i>ELife</i> , 2020, 9, .	6.0	28
24	Eye activity tracks task-relevant structures during speech and auditory sequence perception. <i>Nature Communications</i> , 2018, 9, 5374.	12.8	26
25	Prior Knowledge Guides Speech Segregation in Human Auditory Cortex. <i>Cerebral Cortex</i> , 2019, 29, 1561-1571.	2.9	22
26	Time-domain analysis of neural tracking of hierarchical linguistic structures. <i>NeuroImage</i> , 2017, 146, 333-340.	4.2	19
27	Cortical encoding of acoustic and linguistic rhythms in spoken narratives. <i>ELife</i> , 2020, 9, .	6.0	18
28	Robust Cortical Encoding of Slow Temporal Modulations of Speech. <i>Advances in Experimental Medicine and Biology</i> , 2013, 787, 373-381.	1.6	15
29	Delta-band neural activity primarily tracks sentences instead of semantic properties of words. <i>NeuroImage</i> , 2022, 251, 118979.	4.2	15
30	Syntactic complexity and musical proficiency modulate neural processing of non-native music. <i>Neuropsychologia</i> , 2018, 121, 164-174.	1.6	12
31	The influence of linguistic information on cortical tracking of words. <i>Neuropsychologia</i> , 2020, 148, 107640.	1.6	12
32	$\hat{\gamma}$ -Band Cortical Tracking of the Speech Envelope Shows the Linear Phase Property. <i>ENeuro</i> , 2021, 8, ENEURO.0058-21.2021.	1.9	10
33	Encoding of natural sounds by variance of the cortical local field potential. <i>Journal of Neurophysiology</i> , 2016, 115, 2389-2398.	1.8	8
34	Statistical learning in patients in the minimally conscious state. <i>Cerebral Cortex</i> , 2023, 33, 2507-2516.	2.9	7
35	How Noise and Language Proficiency Influence Speech Recognition by Individual Non-Native Listeners. <i>PLoS ONE</i> , 2014, 9, e113386.	2.5	6
36	Rhythm of Silence. <i>Trends in Cognitive Sciences</i> , 2016, 20, 82-84.	7.8	6

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37	Differences in Neurocognitive Mechanisms Underlying the Processing of Center-Embedded and Non-embedded Musical Structures. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 425.	2.0	6
38	Visual target detection in a distracting background relies on neural encoding of both visual targets and background. <i>NeuroImage</i> , 2020, 216, 116870.	4.2	6
39	The neural correlates of amplitude of low-frequency fluctuation: a multimodal resting-state MEG and fMRI-EEG study. <i>Cerebral Cortex</i> , 2023, 33, 1119-1129.	2.9	6
40	Neural Tracking of Sound Rhythms Correlates With Diagnosis, Severity, and Prognosis of Disorders of Consciousness. <i>Frontiers in Neuroscience</i> , 2021, 15, 646543.	2.8	4
41	Asymmetrical cross-modal influence on neural encoding of auditory and visual features in natural scenes. <i>NeuroImage</i> , 2022, 255, 119182.	4.2	3
42	Aesthetic judgment of architecture for Chinese observers. <i>PLoS ONE</i> , 2022, 17, e0265412.	2.5	2