

Tobias Overath

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

469
citations

1477746

6
h-index

1058022

14
g-index

16
all docs

16
docs citations

16
times ranked

586
citing authors

#	ARTICLE	IF	CITATIONS
1	The cortical analysis of speech-specific temporal structure revealed by responses to sound quilts. <i>Nature Neuroscience</i> , 2015, 18, 903-911.	7.1	173
2	An Information Theoretic Characterisation of Auditory Encoding. <i>PLoS Biology</i> , 2007, 5, e288.	2.6	67
3	Encoding of Spectral Correlation over Time in Auditory Cortex. <i>Journal of Neuroscience</i> , 2008, 28, 13268-13273.	1.7	67
4	Sensitivity to temporal modulation rate and spectral bandwidth in the human auditory system: fMRI evidence. <i>Journal of Neurophysiology</i> , 2012, 107, 2042-2056.	0.9	63
5	Gamma band pitch responses in human auditory cortex measured with magnetoencephalography. <i>NeuroImage</i> , 2012, 59, 1904-1911.	2.1	32
6	Cortical Mechanisms for the Segregation and Representation of Acoustic Textures. <i>Journal of Neuroscience</i> , 2010, 30, 2070-2076.	1.7	31
7	The distribution and nature of responses to broadband sounds associated with pitch in the macaque auditory cortex. <i>Cortex</i> , 2019, 120, 340-352.	1.1	8
8	An Analytical Framework of Tonal and Rhythmic Hierarchy in Natural Music Using the Multivariate Temporal Response Function. <i>Frontiers in Neuroscience</i> , 2021, 15, 665767.	1.4	6
9	An Objective Approach Toward Understanding Auditory Processing Disorder. <i>American Journal of Audiology</i> , 2021, 30, 790-795.	0.5	5
10	Auditory Object Analysis. <i>Springer Handbook of Auditory Research</i> , 2012, , 199-223.	0.3	5
11	From acoustic to linguistic analysis of temporal speech structure: Acousto-linguistic transformation during speech perception using speech quilts. <i>NeuroImage</i> , 2021, 235, 117887.	2.1	4
12	Dynamics underlying auditory object boundary detection in primary auditory cortex. <i>European Journal of Neuroscience</i> , 2021, 54, 7274-7288.	1.2	3
13	MEG correlates of temporal regularity relevant to pitch perception in human auditory cortex. <i>NeuroImage</i> , 2022, 249, 118879.	2.1	3
14	Modulation change detection in human auditory cortex: Evidence for asymmetric, non-linear edge detection. <i>European Journal of Neuroscience</i> , 2020, 52, 2889-2904.	1.2	1