

Tobias Overath

List of Publications by Year in descending order

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586
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | MEG correlates of temporal regularity relevant to pitch perception in human auditory cortex. <i>NeuroImage</i> , 2022, 249, 118879. | 2.1 | 3 |
| 2 | 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 |
| 3 | 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 |
| 4 | An Objective Approach Toward Understanding Auditory Processing Disorder. <i>American Journal of Audiology</i> , 2021, 30, 790-795. | 0.5 | 5 |
| 5 | Dynamics underlying auditory object boundary detection in primary auditory cortex. <i>European Journal of Neuroscience</i> , 2021, 54, 7274-7288. | 1.2 | 3 |
| 6 | Modulation change detection in human auditory cortex: Evidence for asymmetric, nonlinear edge detection. <i>European Journal of Neuroscience</i> , 2020, 52, 2889-2904. | 1.2 | 1 |
| 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 | 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 |
| 9 | 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 |
| 10 | Gamma band pitch responses in human auditory cortex measured with magnetoencephalography. <i>NeuroImage</i> , 2012, 59, 1904-1911. | 2.1 | 32 |
| 11 | Auditory Object Analysis. <i>Springer Handbook of Auditory Research</i> , 2012, , 199-223. | 0.3 | 5 |
| 12 | Cortical Mechanisms for the Segregation and Representation of Acoustic Textures. <i>Journal of Neuroscience</i> , 2010, 30, 2070-2076. | 1.7 | 31 |
| 13 | Encoding of Spectral Correlation over Time in Auditory Cortex. <i>Journal of Neuroscience</i> , 2008, 28, 13268-13273. | 1.7 | 67 |
| 14 | An Information Theoretic Characterisation of Auditory Encoding. <i>PLoS Biology</i> , 2007, 5, e288. | 2.6 | 67 |