

# Lorenz Fiedler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6172513/publications.pdf>

Version: 2024-02-01

12  
papers

521  
citations

1040056

9  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-channel in-ear-EEG detects the focus of auditory attention to concurrent tone streams and mixed speech. <i>Journal of Neural Engineering</i> , 2017, 14, 036020.	3.5	116
2	Late cortical tracking of ignored speech facilitates neural selectivity in acoustically challenging conditions. <i>NeuroImage</i> , 2019, 186, 33-42.	4.2	105
3	Modality-specific tracking of attention and sensory statistics in the human electrophysiological spectral exponent. <i>ELife</i> , 2021, 10, .	6.0	87
4	Tracking the signal, cracking the code: speech and speech comprehension in non-invasive human electrophysiology. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 855-869.	1.2	45
5	Quantifying the individual auditory and visual brain response in 7-month-old infants watching a brief cartoon movie. <i>NeuroImage</i> , 2019, 202, 116060.	4.2	40
6	Hearing Aid Noise Reduction Lowers the Sustained Listening Effort During Continuous Speech in Noise – A Combined Pupillometry and EEG Study. <i>Ear and Hearing</i> , 2021, 42, 1590-1601.	2.1	30
7	Tracking Temporal Hazard in the Human Electroencephalogram Using a Forward Encoding Model. <i>ENeuro</i> , 2018, 5, ENEURO.0017-18.2018.	1.9	27
8	Neural attentional-filter mechanisms of listening success in middle-aged and older individuals. <i>Nature Communications</i> , 2021, 12, 4533.	12.8	22
9	Creating Clarity in Noisy Environments by Using Deep Learning in Hearing Aids. <i>Seminars in Hearing</i> , 2021, 42, 260-281.	1.2	14
10	How Do We Allocate Our Resources When Listening and Memorizing Speech in Noise? A Pupillometry Study. <i>Ear and Hearing</i> , 2021, 42, 846-859.	2.1	10
11	The Effects of Task Difficulty Predictability and Noise Reduction on Recall Performance and Pupil Dilation Responses. <i>Ear and Hearing</i> , 2021, Publish Ahead of Print, 1668-1679.	2.1	9
12	Effect of Speech-to-Noise Ratio and Luminance on a Range of Current and Potential Pupil Response Measures to Assess Listening Effort. <i>Trends in Hearing</i> , 2021, 25, 233121652110093.	1.3	6