

# Zachary Freudenburg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3731469/publications.pdf>

Version: 2024-02-01

8  
papers

232  
citations

1478505

6  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

360  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoding spoken phonemes from sensorimotor cortex with high-density ECoG grids. <i>NeuroImage</i> , 2018, 180, 301-311.	4.2	89
2	Give me a sign: decoding four complex hand gestures based on high-density ECoG. <i>Brain Structure and Function</i> , 2016, 221, 203-216.	2.3	78
3	Classification of mouth movements using 7 T fMRI. <i>Journal of Neural Engineering</i> , 2015, 12, 066026.	3.5	22
4	Classification of Articulator Movements and Movement Direction from Sensorimotor Cortex Activity. <i>Scientific Reports</i> , 2019, 9, 14165.	3.3	17
5	Spatial-Temporal Dynamics of the Sensorimotor Cortex: Sustained and Transient Activity. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 1084-1092.	4.9	11
6	The influence of prior pronunciations on sensorimotor cortex activity patterns during vowel production. <i>Journal of Neural Engineering</i> , 2018, 15, 066025.	3.5	9
7	Repeated Vowel Production Affects Features of Neural Activity in Sensorimotor Cortex. <i>Brain Topography</i> , 2019, 32, 97-110.	1.8	6
8	The dorsolateral pre-frontal cortex bi-polar error-related potential in a locked-in patient implanted with a daily use brain-computer interface. <i>Control Theory and Technology</i> , 2021, 19, 444-454.	1.6	0