Paul Ferrari

List of Publications by Year
in descending order

18 papers	246 citations	6 h-index	7 g-index
18 all docs	18 docs citations	18 times ranked	191 citing authors

#	Article	IF	Citations
1	Decoding Imagined and Spoken Phrases From Non-invasive Neural (MEG) Signals. Frontiers in Neuroscience, 2020, 14, 290.	2.8	66
2	Complementary roles of cortical oscillations in automatic and controlled processing during rapid serial tasks. NeuroImage, 2015, 118, 268-281.	4.2	32
3	Cortical activity during speech and non-speech oromotor tasks: A magnetoencephalography (MEG) study. Neuroscience Letters, 2012, 527, 34-39.	2.1	17
4	NeuroVAD: Real-Time Voice Activity Detection from Non-Invasive Neuromagnetic Signals. Sensors, 2020, 20, 2248.	3.8	17
5	Towards decoding speech production from single-trial magnetoencephalography (MEG) signals. , 2017, , .		14
6	OVERT SPEECH RETRIEVAL FROM NEUROMAGNETIC SIGNALS USING WAVELETS AND ARTIFICIAL NEURAL NETWORKS. , 2018, , .		14
7	MEG Sensor Selection for Neural Speech Decoding. IEEE Access, 2020, 8, 182320-182337.	4.2	14
8	Decoding Speech from Single Trial MEG Signals Using Convolutional Neural Networks and Transfer Learning. , 2019, 2019, 5531-5535.		12
9	Determining the Optimal Number of MEG Trials: A Machine Learning and Speech Decoding Perspective. Lecture Notes in Computer Science, 2018, 11309, 163-172.	1.3	11
10	Spatial and Spectral Fingerprint in the Brain: Speaker Identification from Single Trial MEG Signals. , 0, , .		10
11	Towards a Speaker Independent Speech-BCI Using Speaker Adaptation. , 0, , .		9
12	Automatic Speech Activity Recognition from MEG Signals Using Seq2Seq Learning. , 2019, , .		8
13	Decoding Speech Evoked Jaw Motion from Non-invasive Neuromagnetic Oscillations. , 2020, , .		7
14	Neural Speech Decoding for Amyotrophic Lateral Sclerosis. , 0, , .		7
15	Role of Brainwaves in Neural Speech Decoding. , 2021, , .		4
16	Imagined, Intended, and Spoken Speech Envelope Synthesis from Neuromagnetic Signals. Lecture Notes in Computer Science, 2021, , 134-145.	1.3	3
17	Magnetometers vs Gradiometers for Neural Speech Decoding. , 2021, 2021, 6543-6546.		1
18	Visual Decoding of Phrases from Occipital Neuromagnetic Signals. , 2021, , .		0