

Sheng-Hsiou Hsu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5917160/publications.pdf>

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17
papers

783
citations

1163117

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1372567

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18
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18
docs citations

18
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsupervised learning of brain state dynamics during emotion imagination using high-density EEG. <i>NeuroImage</i> , 2022, 249, 118873.	4.2	11
2	Combining brain-computer interface and virtual reality for rehabilitation in neurological diseases: A narrative review. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101404.	2.3	37
3	Abnormal sleep physiology in children with 15q11.2-13.1 duplication (Dup15q) syndrome. <i>Molecular Autism</i> , 2021, 12, 54.	4.9	10
4	Evaluation of Artifact Subspace Reconstruction for Automatic Artifact Components Removal in Multi-Channel EEG Recordings. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 1114-1121.	4.2	282
5	Modulation of frontal gamma oscillations improves working memory in schizophrenia. <i>NeuroImage: Clinical</i> , 2020, 27, 102339.	2.7	12
6	Examining the Relationship between EEG Dynamics and Emotion Ratings during Video Watching using Adaptive Mixture Independent Component Analysis. , 2020, , .		1
7	Estimating coupling strength between multivariate neural series with multivariate permutation conditional mutual information. <i>Neural Networks</i> , 2019, 110, 159-169.	5.9	15
8	Exploring Mental State Changes during Hypnotherapy using Adaptive Mixture Independent Component Analysis of EEG. , 2018, , .		3
9	Real-Time Spike Sorting for Multi-Electrode Arrays with Online Independent Component Analysis. , 2018, , .		2
10	Evaluation of Artifact Subspace Reconstruction for Automatic EEG Artifact Removal. , 2018, 2018, 1242-1245.		189
11	Online Automatic Artifact Rejection using the Real-time EEG Source-mapping Toolbox (REST). , 2018, 2018, 106-109.		29
12	Modeling brain dynamic state changes with adaptive mixture independent component analysis. <i>NeuroImage</i> , 2018, 183, 47-61.	4.2	63
13	Monitoring alert and drowsy states by modeling EEG source nonstationarity. <i>Journal of Neural Engineering</i> , 2017, 14, 056012.	3.5	19
14	Real-Time Adaptive EEG Source Separation Using Online Recursive Independent Component Analysis. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2016, 24, 309-319.	4.9	76
15	Modeling and Tracking Brain Nonstationarity in a Sustained Attention Task. <i>Lecture Notes in Computer Science</i> , 2016, , 209-217.	1.3	2
16	Real-time EEG Source-mapping Toolbox (REST): Online ICA and source localization. , 2015, 2015, 4114-7.		18
17	Online recursive independent component analysis for real-time source separation of high-density EEG. , 2014, 2014, 3845-8.		14