

# 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

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1163117

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1372567

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18  
docs citations

18  
times ranked

922  
citing authors

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