

Clemens Brunner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11679991/publications.pdf>

Version: 2024-02-01

18
papers

2,476
citations

516215

16
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

2314
citing authors

#	ARTICLE	IF	CITATIONS
1	Workshops of the Fifth International Brain-Computer Interface Meeting: Defining the Future. Brain-Computer Interfaces, 2014, 1, 27-49.	0.9	35
2	SCoT: a Python toolbox for EEG source connectivity. Frontiers in Neuroinformatics, 2014, 8, 22.	1.3	28
3	Single-trial connectivity estimation for classification of motor imagery data. Journal of Neural Engineering, 2013, 10, 046006.	1.8	51
4	Is It Significant? Guidelines for Reporting BCI Performance. Biological and Medical Physics Series, 2012, , 333-354.	0.3	47
5	Principles of Hybrid Brain-Computer Interfaces. Biological and Medical Physics Series, 2012, , 355-373.	0.3	6
6	A hybrid ERD/SSVEP BCI for continuous simultaneous two dimensional cursor control. Journal of Neuroscience Methods, 2012, 209, 299-307.	1.3	162
7	Review of the BCI Competition IV. Frontiers in Neuroscience, 2012, 6, 55.	1.4	686
8	Towards a Framework Based on Single Trial Connectivity for Enhancing Knowledge Discovery in BCI. Lecture Notes in Computer Science, 2012, , 658-667.	1.0	6
9	A comparison of univariate, vector, bilinear autoregressive, and band power features for brain-computer interfaces. Medical and Biological Engineering and Computing, 2011, 49, 1337-1346.	1.6	36
10	An adaptive P300-based control system. Journal of Neural Engineering, 2011, 8, 036006.	1.8	135
11	Nonstationary Brain Source Separation for Multiclass Motor Imagery. IEEE Transactions on Biomedical Engineering, 2010, 57, 469-478.	2.5	91
12	Improved signal processing approaches in an offline simulation of a hybrid brain-computer interface. Journal of Neuroscience Methods, 2010, 188, 165-173.	1.3	105
13	Analysis of sensorimotor rhythms for the implementation of a brain switch for healthy subjects. Biomedical Signal Processing and Control, 2010, 5, 15-20.	3.5	63
14	The hybrid BCI. Frontiers in Neuroscience, 2010, 4, 30.	1.4	431
15	Brain-Computer Interfacing for Intelligent Systems. IEEE Intelligent Systems, 2008, 23, 72-79.	4.0	218
16	Spatial filtering and selection of optimized components in four class motor imagery EEG data using independent components analysis. Pattern Recognition Letters, 2007, 28, 957-964.	2.6	209
17	Online Control of a Brain-Computer Interface Using Phase Synchronization. IEEE Transactions on Biomedical Engineering, 2006, 53, 2501-2506.	2.5	138
18	Phase relationships between different subdural electrode recordings in man. Neuroscience Letters, 2005, 375, 69-74.	1.0	29