Clemens Brunner

List of Publications by Year
in descending order

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18	2,476	516561 16	839398 18
papers	citations	h-index	g-index

18	18	18	2314
all docs	docs citations	times ranked	citing authors

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