

Stefania Coelli

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

175
citations

1478505

6
h-index

1281871

11
g-index

18
all docs

18
docs citations

18
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	EEG-based index for engagement level monitoring during sustained attention. , 2015, 2015, 1512-5.		42
2	EEG Analysis During Active and Assisted Repetitive Movements: Evidence for Differences in Neural Engagement. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 761-771.	4.9	42
3	EEG indices correlate with sustained attention performance in patients affected by diffuse axonal injury. Medical and Biological Engineering and Computing, 2018, 56, 991-1001.	2.8	18
4	A Framework for the Comparative Assessment of Neuronal Spike Sorting Algorithms towards More Accurate Off-Line and On-Line Microelectrode Arrays Data Analysis. Computational Intelligence and Neuroscience, 2016, 2016, 1-19.	1.7	15
5	Bicoherence Interpretation in EEG Requires Signal to Noise Ratio Quantification: An Application to Sensorimotor Rhythms. IEEE Transactions on Biomedical Engineering, 2020, 67, 2696-2704.	4.2	10
6	Kinematic evaluation and reliability assessment of the Nine Hole Peg Test for manual dexterity. Journal of Hand Therapy, 2023, 36, 560-567.	1.5	10
7	Higher order spectral analysis of scalp EEG activity reveals non-linear behavior during rhythmic visual stimulation. Journal of Neural Engineering, 2019, 16, 056028.	3.5	7
8	Assessment of the usability of a computerized Stroop Test for clinical application. , 2016, , .		6
9	Multiscale Functional Clustering Reveals Frequency Dependent Brain Organization in Type II Focal Cortical Dysplasia With Sleep Hypermotor Epilepsy. IEEE Transactions on Biomedical Engineering, 2019, 66, 2831-2839.	4.2	6
10	EEG monitoring during software development. , 2020, , .		5
11	Information Retrieval from Photoplethysmographic Sensors: A Comprehensive Comparison of Practical Interpolation and Breath-Extraction Techniques at Different Sampling Rates. Sensors, 2022, 22, 1428.	3.8	5
12	An intra-operative feature-based classification of microelectrode recordings to support the subthalamic nucleus functional identification during deep brain stimulation surgery. Journal of Neural Engineering, 2021, 18, 016003.	3.5	3
13	Central Alpha Bicoherence Is Reduced in Photosensitive Subjects. IFMBE Proceedings, 2020, , 1123-1128.	0.3	2
14	Technical validation of an integrated robotic hand rehabilitation device: Finger independent movement, EMG control, and EEG-based biofeedback. , 2016, , .		1
15	Functional Clustering approach for the analysis of Stereo-EEG activity patterns in correspondence of epileptic seizures. , 2017, 2017, 2806-2809.		1
16	Measuring autonomic involvement related to seizure onset in Focal Cortical Dysplasia type II. , 2017, , .		1
17	Corrections to "EEG Analysis During Active and Assisted Repetitive Movements: Evidence for Differences in Neural Engagement" IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 1311-1311.	4.9	0