

Laura Astolfi

List of Publications by Year in descending order

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156
papers

7,545
citations

87723

38
h-index

62479

80
g-index

159
all docs

159
docs citations

159
times ranked

6310
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring neurophysiological signals in aircraft pilots and car drivers for the assessment of mental workload, fatigue and drowsiness. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 44, 58-75.	2.9	902
2	Brain-computer interface boosts motor imagery practice during stroke recovery. <i>Annals of Neurology</i> , 2015, 77, 851-865.	2.8	452
3	Social neuroscience and hyperscanning techniques: Past, present and future. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 44, 76-93.	2.9	414
4	Estimation of the cortical functional connectivity with the multimodal integration of high-resolution EEG and fMRI data by directed transfer function. <i>NeuroImage</i> , 2005, 24, 118-131.	2.1	362
5	Comparison of different cortical connectivity estimators for high-resolution EEG recordings. <i>Human Brain Mapping</i> , 2007, 28, 143-157.	1.9	317
6	eConnectome: A MATLAB toolbox for mapping and imaging of brain functional connectivity. <i>Journal of Neuroscience Methods</i> , 2011, 195, 261-269.	1.3	201
7	Spectral EEG frontal asymmetries correlate with the experienced pleasantness of TV commercial advertisements. <i>Medical and Biological Engineering and Computing</i> , 2011, 49, 579-583.	1.6	181
8	Tracking the Time-Varying Cortical Connectivity Patterns by Adaptive Multivariate Estimators. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 902-913.	2.5	163
9	Electrophysiological Brain Connectivity: Theory and Implementation. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2115-2137.	2.5	163
10	Changes in Brain Activity During the Observation of TV Commercials by Using EEG, GSR and HR Measurements. <i>Brain Topography</i> , 2010, 23, 165-179.	0.8	161
11	Defecting or Not Defecting: How to Read Human Behavior during Cooperative Games by EEG Measurements. <i>PLoS ONE</i> , 2010, 5, e14187.	1.1	151
12	Neuroelectrical Hyperscanning Measures Simultaneous Brain Activity in Humans. <i>Brain Topography</i> , 2010, 23, 243-256.	0.8	148
13	On the Use of EEG or MEG Brain Imaging Tools in Neuromarketing Research. <i>Computational Intelligence and Neuroscience</i> , 2011, 2011, 1-12.	1.1	141
14	Investigating Cooperative Behavior in Ecological Settings: An EEG Hyperscanning Study. <i>PLoS ONE</i> , 2016, 11, e0154236.	1.1	140
15	Cortical functional connectivity networks in normal and spinal cord injured patients: Evaluation by graph analysis. <i>Human Brain Mapping</i> , 2007, 28, 1334-1346.	1.9	131
16	Assessing cortical functional connectivity by partial directed coherence: simulations and application to real data. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 1802-1812.	2.5	122
17	Assessment of mental fatigue during car driving by using high resolution EEG activity and neurophysiologic indices. , 2012, 2012, 6442-5.		116
18	A new Kalman filter approach for the estimation of high-dimensional time-variant multivariate AR models and its application in analysis of laser-evoked brain potentials. <i>NeuroImage</i> , 2010, 50, 960-969.	2.1	115

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19	Assessing cortical functional connectivity by linear inverse estimation and directed transfer function: simulations and application to real data. <i>Clinical Neurophysiology</i> , 2005, 116, 920-932.	0.7	114
20	Neural Basis for Brain Responses to TV Commercials: A High-Resolution EEG Study. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2008, 16, 522-531.	2.7	100
21	Identification of psychiatric disorder subtypes from functional connectivity patterns in resting-state electroencephalography. <i>Nature Biomedical Engineering</i> , 2021, 5, 309-323.	11.6	100
22	Hypermeths for EEG hyperscanning. , 2006, 2006, 3666-9.		99
23	High-resolution EEG techniques for brain-computer interface applications. <i>Journal of Neuroscience Methods</i> , 2008, 167, 31-42.	1.3	98
24	Estimation of the effective and functional human cortical connectivity with structural equation modeling and directed transfer function applied to high-resolution EEG. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1457-1470.	1.0	92
25	Multimodal integration of EEG, MEG and fMRI data for the solution of the neuroimage puzzle. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1471-1476.	1.0	81
26	Imaging the Social Brain by Simultaneous Hyperscanning during Subject Interaction. <i>IEEE Intelligent Systems</i> , 2011, 26, 38-45.	4.0	81
27	A neural mass model for the simulation of cortical activity estimated from high resolution EEG during cognitive or motor tasks. <i>Journal of Neuroscience Methods</i> , 2006, 157, 317-329.	1.3	79
28	Imaging functional brain connectivity patterns from high-resolution EEG and fMRI via graph theory. <i>Psychophysiology</i> , 2007, 44, 880-893.	1.2	79
29	Evaluation of the Brain Network Organization From EEG Signals: A Preliminary Evidence in Stroke Patient. <i>Anatomical Record</i> , 2009, 292, 2023-2031.	0.8	79
30	On ERPs detection in disorders of consciousness rehabilitation. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 775.	1.0	79
31	Estimation of the Cortical Connectivity by High-Resolution EEG and Structural Equation Modeling: Simulations and Application to Finger Tapping Data. <i>IEEE Transactions on Biomedical Engineering</i> , 2005, 52, 757-768.	2.5	64
32	High Resolution EEG Hyperscanning During a Card Game. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 4957-60.	0.5	61
33	The physiological plausibility of time-varying Granger-causal modeling: Normalization and weighting by spectral power. <i>NeuroImage</i> , 2014, 97, 206-216.	2.1	61
34	How the Statistical Validation of Functional Connectivity Patterns Can Prevent Erroneous Definition of Small-World Properties of a Brain Connectivity Network. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-13.	0.7	55
35	Cortical Activity and Connectivity of Human Brain during the Prisoner's Dilemma: an EEG Hyperscanning Study. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 4953-6.	0.5	52
36	The modular organization of brain cortical connectivity across the human lifespan. <i>NeuroImage</i> , 2020, 218, 116974.	2.1	52

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37	Brain Network Analysis From High-Resolution EEG Recordings by the Application of Theoretical Graph Indexes. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2008, 16, 442-452.	2.7	48
38	Cortical Network Analysis in Patients Affected by Schizophrenia. <i>Brain Topography</i> , 2010, 23, 214-220.	0.8	46
39	Quantifying the Effect of Demixing Approaches on Directed Connectivity Estimated Between Reconstructed EEG Sources. <i>Brain Topography</i> , 2019, 32, 655-674.	0.8	46
40	Cortical Network Dynamics during Foot Movements. <i>Neuroinformatics</i> , 2008, 6, 23-34.	1.5	44
41	Multiple-Brain Connectivity During Third Party Punishment: an EEG Hyperscanning Study. <i>Scientific Reports</i> , 2018, 8, 6822.	1.6	42
42	Persistent patterns of interconnection in time-varying cortical networks estimated from high-resolution EEG recordings in humans during a simple motor act. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 224014.	0.7	41
43	Network Inference and Reconstruction in Bioinformatics. , 2019, , 805-813.		38
44	The Effect of Connectivity on EEG Rhythms, Power Spectral Density and Coherence Among Coupled Neural Populations: Analysis With a Neural Mass Model. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 69-77.	2.5	37
45	Frontal EEG theta changes assess the training improvements of novices in flight simulation tasks. , 2013, 2013, 6619-22.		37
46	A graph-theoretical approach in brain functional networks. Possible implications in EEG studies. <i>Nonlinear Biomedical Physics</i> , 2010, 4, S8.	1.5	36
47	Different Topological Properties of EEG-Derived Networks Describe Working Memory Phases as Revealed by Graph Theoretical Analysis. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 637.	1.0	36
48	Extracting Information from Cortical Connectivity Patterns Estimated from High Resolution EEG Recordings: A Theoretical Graph Approach. <i>Brain Topography</i> , 2007, 19, 125-136.	0.8	35
49	The issue of multiple univariate comparisons in the context of neuroelectric brain mapping: An application in a neuromarketing experiment. <i>Journal of Neuroscience Methods</i> , 2010, 191, 283-289.	1.3	34
50	Study of the functional hyperconnectivity between couples of pilots during flight simulation: An EEG hyperscanning study. , 2011, 2011, 2338-41.		34
51	Cortical activity and functional hyperconnectivity by simultaneous EEG recordings from interacting couples of professional pilots. , 2012, 2012, 4752-5.		34
52	Time-variant partial directed coherence for analysing connectivity: a methodological study. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20110616.	1.6	34
53	Multiple Pathways Analysis of Brain Functional Networks from EEG Signals: An Application to Real Data. <i>Brain Topography</i> , 2011, 23, 344-354.	0.8	32
54	Structure of the cortical networks during successful memory encoding in TV commercials. <i>Clinical Neurophysiology</i> , 2008, 119, 2231-2237.	0.7	30

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55	Testing the Significance of Connectivity Networks: Comparison of Different Assessing Procedures. IEEE Transactions on Biomedical Engineering, 2016, 63, 2461-2473.	2.5	30
56	Interfacing brain with computer to improve communication and rehabilitation after brain damage. Progress in Brain Research, 2016, 228, 357-387.	0.9	30
57	Time-varying effective connectivity of the cortical neuroelectric activity associated with behavioural microsleeps. NeuroImage, 2016, 124, 421-432.	2.1	30
58	Estimate of Causality Between Independent Cortical Spatial Patterns During Movement Volition in Spinal Cord Injured Patients. Brain Topography, 2007, 19, 107-123.	0.8	29
59	Imaging the social brain: multi-subjects EEG recordings during the “Chicken's game”. , 2010, 2010, 1734-7.		29
60	Early recurrence and ongoing parietal driving during elementary visual processing. Scientific Reports, 2016, 5, 18733.	1.6	29
61	An <scp>EEG</scp> index of sensorimotor interhemispheric coupling after unilateral stroke: clinical and neurophysiological study. European Journal of Neuroscience, 2018, 47, 158-163.	1.2	29
62	Brain activity during the memorization of visual scenes from TV commercials: An application of high resolution EEG and steady state somatosensory evoked potentials technologies. Journal of Physiology (Paris), 2009, 103, 333-341.	2.1	28
63	Estimation of Effective and Functional Cortical Connectivity From Neuroelectric and Hemodynamic Recordings. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2009, 17, 224-233.	2.7	26
64	Motor cortical responsiveness to attempted movements in tetraplegia: Evidence from neuroelectrical imaging. Clinical Neurophysiology, 2009, 120, 181-189.	0.7	26
65	STRUCTURAL ORGANIZATION OF FUNCTIONAL NETWORKS FROM EEG SIGNALS DURING MOTOR LEARNING TASKS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 905-912.	0.7	24
66	Information Transfer in Linear Multivariate Processes Assessed through Penalized Regression Techniques: Validation and Application to Physiological Networks. Entropy, 2020, 22, 732.	1.1	24
67	The Track of Brain Activity during the Observation of TV Commercials with the High-Resolution EEG Technology. Computational Intelligence and Neuroscience, 2009, 2009, 1-7.	1.1	23
68	Investigating the effects of a sensorimotor rhythm-based BCI training on the cortical activity elicited by mental imagery. Journal of Neural Engineering, 2014, 11, 035010.	1.8	23
69	Single-trial Connectivity Estimation through the Least Absolute Shrinkage and Selection Operator. , 2019, 2019, 6422-6425.		23
70	Use of a neural mass model for the analysis of effective connectivity among cortical regions based on high resolution EEG recordings. Biological Cybernetics, 2007, 96, 351-365.	0.6	22
71	Changes in EEG Power Spectral Density and Cortical Connectivity in Healthy and Tetraplegic Patients during a Motor Imagery Task. Computational Intelligence and Neuroscience, 2009, 2009, 1-12.	1.1	21
72	Dynamic connectivity among cortical layers in local and large-scale sensory processing. European Journal of Neuroscience, 2014, 40, 3215-3223.	1.2	21

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73	Raising the bar: Can dual scanning improve our understanding of joint action?. <i>NeuroImage</i> , 2020, 216, 116813.	2.1	21
74	Simultaneous estimation of cortical activity during social interactions by using EEG hyperscannings. , 2010, 2010, 2814-7.		19
75	Time varying effective connectivity for describing brain network changes induced by a memory rehabilitation treatment. , 2014, 2014, 6786-9.		19
76	A Comprehensive Analysis of Multilayer Community Detection Algorithms for Application to EEG-Based Brain Networks. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 624183.	1.2	19
77	The Estimation of Cortical Activity for Brain-Computer Interface: Applications in a Domotic Context. <i>Computational Intelligence and Neuroscience</i> , 2007, 2007, 1-7.	1.1	18
78	Estimation of the cortical activity from simultaneous multi-subject recordings during the prisoner's dilemma. , 2009, 2009, 1937-9.		18
79	Investigating the neural basis of cooperative joint action. An EEG hyperscanning study. , 2014, 2014, 4896-9.		18
80	EEG Resting-State Brain Topological Reorganization as a Function of Age. <i>Computational Intelligence and Neuroscience</i> , 2016, 2016, 1-10.	1.1	18
81	The study of brain activity during the observation of commercial advertsing by using high resolution EEG techniques. , 2009, 2009, 57-60.		17
82	EEG Analysis of the Brain Activity during the Observation of Commercial, Political, or Public Service Announcements. <i>Computational Intelligence and Neuroscience</i> , 2010, 2010, 1-7.	1.1	16
83	Enhance of theta EEG spectral activity related to the memorization of commercial advertisings in Chinese and Italian subjects. , 2011, , .		16
84	Language-Related Brain Potentials in Patients With Disorders of Consciousness: A Follow-up Study to Detect "Covert" Language Disorders. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 513-522.	1.4	16
85	Graph theory in brain-to-brain connectivity: A simulation study and an application to an EEG hyperscanning experiment. , 2015, 2015, 2211-4.		15
86	SEED-G: Simulated EEG Data Generator for Testing Connectivity Algorithms. <i>Sensors</i> , 2021, 21, 3632.	2.1	15
87	Testing the asymptotic statistic for the assessment of the significance of partial directed coherence connectivity patterns. , 2011, 2011, 5016-9.		14
88	Time-Variant Modeling of Brain Processes. <i>Proceedings of the IEEE</i> , 2016, 104, 262-281.	16.4	14
89	Estimating brain connectivity when few data points are available: Perspectives and limitations. , 2017, 2017, 4351-4354.		14
90	Estimation of Granger causality through Artificial Neural Networks: applications to physiological systems and chaotic electronic oscillators. <i>PeerJ Computer Science</i> , 2021, 7, e429.	2.7	14

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91	Multimodal Imaging of Human Brain Activity: Rational, Biophysical Aspects and Modes of Integration. Computational Intelligence and Neuroscience, 2009, 2009, 1-10.	1.1	13
92	Towards the time varying estimation of complex brain connectivity networks by means of a General Linear Kalman Filter approach. , 2012, 2012, 6192-5.		13
93	Controversies in EEG Source Imaging and Connectivity: Modeling, Validation, Benchmarking. Brain Topography, 2019, 32, 527-529.	0.8	13
94	Signal Informatics as an Advanced Integrative Concept in the Framework of Medical Informatics. Methods of Information in Medicine, 2009, 48, 18-28.	0.7	13
95	Neuroelectrical Correlates of Trustworthiness and Dominance Judgments Related to the Observation of Political Candidates. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-19.	0.7	12
96	Time-Varying Cortical Connectivity Estimation from Noninvasive, High-Resolution EEG Recordings. Journal of Psychophysiology, 2010, 24, 83-90.	0.3	12
97	Estimation of the cortical connectivity patterns during the intention of limb movements. IEEE Engineering in Medicine and Biology Magazine, 2006, 25, 32-38.	1.1	10
98	CLUSTER STRUCTURE OF FUNCTIONAL NETWORKS ESTIMATED FROM HIGH-RESOLUTION EEG DATA. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 665-676.	0.7	10
99	Investigating the neural basis of empathy by EEG hyperscanning during a Third Party Punishment. , 2015, 2015, 5384-7.		10
100	Chapter 10 On the Use of Brainâ€“Computer Interfaces Outside Scientific Laboratories. International Review of Neurobiology, 2009, 86, 133-146.	0.9	9
101	Describing relevant indices from the resting state electrophysiological networks. , 2012, 2012, 2547-50.		9
102	Measuring the agreement between brain connectivity networks. , 2016, 2016, 68-71.		9
103	Subject identification through standard EEG signals during resting states. , 2011, 2011, 2331-3.		8
104	REDUNDANCY IN FUNCTIONAL BRAIN CONNECTIVITY FROM EEG RECORDINGS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250158.	0.7	8
105	Community structure in large-scale cortical networks during motor acts. Chaos, Solitons and Fractals, 2012, 45, 603-610.	2.5	8
106	Estimation of the time-varying cortical connectivity patterns by the adaptive multivariate estimators in high resolution EEG studies. , 2006, 2006, 2446-9.		7
107	Neuropolitics: EEG spectral maps related to a political vote based on the first impression of the candidate's face. , 2010, 2010, 2902-5.		7
108	The added value of the electrical neuroimaging for the evaluation of marketing stimuli. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2012, 60, 419-426.	0.8	7

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109	Patterns of cortical activity during the observation of Public Service Announcements and commercial advertisings. <i>Nonlinear Biomedical Physics</i> , 2010, 4, S3.	1.5	6
110	Estimation of brain connectivity through Artificial Neural Networks. , 2019, 2019, 636-639.		6
111	Brain Connectivity Structure in Spinal Cord Injured: Evaluation by Graph Analysis. , 2006, 2006, 988-91.		5
112	Neural Basis For The Brain Responses To The Marketing Messages: an High Resolution EEG study. , 2006, 2006, 3676-9.		5
113	Assessing the memorization of TV commercials with the use of high resolution EEG : A pilot study. , 2008, 2008, 3755-8.		5
114	Investigation on the pleasantness of music perception in monolateral and bilateral cochlear implant users by using neuroelectrical source imaging: A pilot study. , 2011, 2011, 8110-3.		5
115	Aged-related changes in brain activity classification with respect to age by means of graph indexes. , 2013, 2013, 4350-3.		5
116	Advanced methods for time-varying effective connectivity estimation in memory processes. , 2013, 2013, 2936-9.		5
117	Spectrally weighted Granger-causal modeling: Motivation and applications to data from animal models and epileptic patients. , 2015, 2015, 5392-5.		5
118	A Novel Method to Assess Motor Cortex Connectivity and Event Related Desynchronization Based on Mass Models. <i>Brain Sciences</i> , 2021, 11, 1479.	1.1	5
119	Community structure of cortical networks in spinal cord injured patients. , 2008, 2008, 3995-8.		4
120	A new statistical approach for the extraction of adjacency matrix from effective connectivity networks. , 2013, 2013, 2932-5.		4
121	Removal of ocular artifacts for high resolution EEG studies: a simulation study. , 2006, 2006, 976-9.		3
122	Time-varying cortical connectivity by adaptive multivariate estimators applied to a combined foot-lips movement. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 4402-5.	0.5	3
123	Methods for the EEG hyperscanning. Simultaneous recordings from multiple subjects during social interaction. , 2011, , .		3
124	Time-Varying Effective Connectivity for Investigating the Neurophysiological Basis of Cognitive Processes. <i>NeuroMethods</i> , 2014, , 171-204.	0.2	3
125	Transcranial cerebellar direct current stimulation: Effects on brain resting state oscillatory and network activity. , 2017, 2017, 4359-4362.		3
126	Chapter 47 Solving the neuroimaging puzzle: the multimodal integration of neuroelectromagnetic and functional magnetic resonance recordings. <i>Supplements To Clinical Neurophysiology</i> , 2004, 57, 450-457.	2.1	2

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127	Study of the time-varying cortical connectivity changes during the attempt of foot movements by spinal cord injured and healthy subjects. , 2009, 2009, 2208-11.		2
128	Analysis of the connection redundancy in functional networks from high-resolution EEG: A preliminary study. , 2009, 2009, 2204-7.		2
129	Large-scale cortical networks estimated from scalp EEG signals during performance of goal-directed motor tasks. , 2010, 2010, 1738-41.		2
130	Processing of Brain Signals by Using Hemodynamic and Neuroelectromagnetic Modalities. Computational Intelligence and Neuroscience, 2010, 2010, 1-2.	1.1	2
131	Time-varying functional connectivity for understanding the neural basis of behavioral microsleeps. , 2012, 2012, 4708-11.		2
132	Investigating statistical differences in connectivity patterns properties at single subject level: A new resampling approach. , 2014, 2014, 6357-60.		2
133	A new descriptor of neuroelectrical activity during BCI-assisted motor imagery-based training in stroke patients. , 2014, 2014, 1267-9.		2
134	Estimation of Cortical Connectivity in Humans: Advanced Signal Processing Techniques. Synthesis Lectures on Biomedical Engineering, 2007, 2, 1-95.	0.1	2
135	Assessment of Effective Connectivity among Cortical Regions based on a Neural Mass Model. , 2006, 2006, 590-4.		1
136	Cortical network topology during successful memory encoding in a lifelike experiment. , 2008, 2008, 4007-10.		1
137	NeuroMath: Advanced Methods for the Estimation of Human Brain Activity and Connectivity. Computational Intelligence and Neuroscience, 2009, 2009, 1-2.	1.1	1
138	Differences in the perceived music pleasantness between monolateral cochlear implanted and normal hearing children assessed by EEG. , 2013, 2013, 5422-5.		1
139	The effect of normalization of Partial Directed Coherence on the statistical assessment of connectivity patterns: A simulation study. , 2013, 2013, 4346-9.		1
140	Individual cortical connectivity changes after stroke: A resampling approach to enable statistical assessment at single-subject level. , 2014, 2014, 2785-8.		1
141	Effect of inter-trials variability on the estimation of cortical connectivity by Partial Directed Coherence. , 2015, 2015, 3791-4.		1
142	Multi-layer analysis of multi-frequency brain networks as a new tool to study EEG topological organization. , 2021, 2021, 924-927.		1
143	Laboratory of functional neuroelectrical imaging and brain-computer interfacing at Fondazione Santa Lucia. Cognitive Processing, 2005, 6, 75-83.	0.7	0
144	High-Resolution EEG and Estimation of Cortical Activity for Brain-Computer Interface Applications. , 0, , 193-199.		0

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145	Estimation of Cortical Sources Related to Short-Term Memory in Humans with High-Resolution EEG Recordings and Statistical Probability Mapping. , 0, , 201-210.		0
146	Cortical Connectivity Patterns During Imagination Of Limb Movements In Normal Subjects And In A Spinal Cord Injured Patient. , 2006, 2006, 996-9.		0
147	Features Extraction from Time-Varying Cortical Networks Adopting a Theoretical Graph Approach. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5198-201.	0.5	0
148	Estimation of Time-varying Cortical Connectivity During the Intention of Movement in Spinal Cord Injured Patients. , 2007, , .		0
149	Neural Basis For Cortical-Network Responses To TV Spots: a High Resolution EEG study. , 2007, , .		0
150	Simultaneous Tracking of Multiple Brains Activity with High Resolution EEG Hyperscannings. , 2007, , .		0
151	Study of the time-varying cortical connectivity during the attempt of a foot movement by Spinal Cord Injured patients. , 2008, 2008, 4551-4.		0
152	Advanced methods for the estimation of human brain activity and connectivity. Journal of Physiology (Paris), 2009, 103, 305.	2.1	0
153	Selected Papers from the 4th International Conference on Bioinspired Systems and Cognitive Signal Processing. Computational Intelligence and Neuroscience, 2011, 2011, 1-3.	1.1	0
154	Model-Based Transfer Entropy Analysis of Brain-Body Interactions with Penalized regression techniques. , 2020, , .		0
155	Understanding Cerebral Activations during the Observation of Marketing Stimuli: A Neuroelectrical Perspective. Communications in Computer and Information Science, 2013, , 273-281.	0.4	0
156	Assessment of Effective Connectivity among Cortical Regions based on a Neural Mass Model. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0