

Fabio Babiloni

List of Publications by Year in descending order

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Version: 2024-02-01

278
papers

13,371
citations

16791

66
h-index

34195

103
g-index

289
all docs

289
docs citations

289
times ranked

10684
citing authors

#	ARTICLE	IF	CITATIONS
1	Message framing, non-conscious perception and effectiveness in non-profit advertising. Contribution by neuromarketing research. <i>International Review on Public and Nonprofit Marketing</i> , 2022, 19, 53-75.	1.3	10
2	Neuromarketing. , 2022, , 739-745.		0
3	A Survey on Artificial Intelligence (AI) and eXplainable AI in Air Traffic Management: Current Trends and Development with Future Research Trajectory. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1295.	1.3	40
4	Validation of a Light EEG-Based Measure for Real-Time Stress Monitoring during Realistic Driving. <i>Brain Sciences</i> , 2022, 12, 304.	1.1	22
5	Neuroscientific Methods for Exploring User Perceptions While Dealing With Mobile Advertising: A Novel and Integrated Approach. <i>Frontiers in Neuroergonomics</i> , 2022, 3, .	0.6	4
6	Air Force Pilot Expertise Assessment during Unusual Attitude Recovery Flight. <i>Safety</i> , 2022, 8, 38.	0.9	4
7	“Musical effort”™ and “musical pleasantness”™: a pilot study on the neurophysiological correlates of classical music listening in adults normal hearing and unilateral cochlear implant users. <i>Hearing, Balance and Communication</i> , 2022, 20, 79-88.	0.1	3
8	Stress management using fNIRS and binaural beats stimulation. <i>Biomedical Optics Express</i> , 2022, 13, 3552.	1.5	13
9	Multivariate model for cooperation: bridging social physiological compliance and hyperscanning. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 193-209.	1.5	14
10	Measuring the Emotional and Cognitive Consumers’™ Responses During Interaction with Marketing Stimuli. <i>Contributions To Management Science</i> , 2021, , 137-164.	0.4	0
11	NeuroDante: Poetry Mentally Engages More Experts but Moves More Non-Experts, and for Both the Cerebral Approach Tendency Goes Hand in Hand with the Cerebral Effort. <i>Brain Sciences</i> , 2021, 11, 281.	1.1	6
12	Forefront Users’™ Experience Evaluation by Employing Together Virtual Reality and Electroencephalography: A Case Study on Cognitive Effects of Scents. <i>Brain Sciences</i> , 2021, 11, 256.	1.1	11
13	The impact of multisensory integration and perceptual load in virtual reality settings on performance, workload and presence. <i>Scientific Reports</i> , 2021, 11, 4831.	1.6	59
14	Higher Right Hemisphere Gamma Band Lateralization and Suggestion of a Sensitive Period for Vocal Auditory Emotional Stimuli Recognition in Unilateral Cochlear Implant Children: An EEG Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 608156.	1.4	10
15	An EEG-Based Transfer Learning Method for Cross-Subject Fatigue Mental State Prediction. <i>Sensors</i> , 2021, 21, 2369.	2.1	31
16	Joint Analysis of Eye Blinks and Brain Activity to Investigate Attentional Demand during a Visual Search Task. <i>Brain Sciences</i> , 2021, 11, 562.	1.1	12
17	A Review on Mental Stress Assessment Methods Using EEG Signals. <i>Sensors</i> , 2021, 21, 5043.	2.1	82
18	Smoke signals: A study of the neurophysiological reaction of smokers and non-smokers to smoking cues inserted into antismoking public service announcements. <i>International Journal of Psychophysiology</i> , 2021, 167, 22-29.	0.5	5

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19	The Sample Size Matters: To What Extent the Participant Reduction Affects the Outcomes of a Neuroscientific Research. A Case-Study in Neuromarketing Field. <i>Sensors</i> , 2021, 21, 6088.	2.1	28
20	Label-Based Alignment Multi-Source Domain Adaptation for Cross-Subject EEG Fatigue Mental State Evaluation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 706270.	1.0	9
21	Cognitive Vigilance Enhancement Using Audio Stimulation of Pure Tone at 250 Hz. <i>IEEE Access</i> , 2021, 9, 22955-22970.	2.6	11
22	Stress Assessment and Mitigation using fNIRS and Binaural Beat Stimulation. , 2021, , .		5
23	Mental Effort Estimation by Passive BCI: A Cross-Subject Analysis. , 2021, 2021, 906-909.		2
24	Neurophysiological Verbal Working Memory Patterns in Children: Searching for a Benchmark of Modality Differences in Audio/Video Stimuli Processing. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-17.	1.1	1
25	Connectivity Analysis under Mental Stress using fNIRS. , 2021, , .		3
26	Stress Assessment by Combining Neurophysiological Signals and Radio Communications of Air Traffic Controllers. , 2020, 2020, 851-854.		6
27	InstanceEasyTL: An Improved Transfer-Learning Method for EEG-Based Cross-Subject Fatigue Detection. <i>Sensors</i> , 2020, 20, 7251.	2.1	15
28	Contactless Physiological Assessment of Mental Workload During Teleworking-like Task. <i>Communications in Computer and Information Science</i> , 2020, , 76-86.	0.4	1
29	A multimodal and signals fusion approach for assessing the impact of stressful events on Air Traffic Controllers. <i>Scientific Reports</i> , 2020, 10, 8600.	1.6	23
30	Brain-Computer Interfaces: Toward a Daily Life Employment. <i>Brain Sciences</i> , 2020, 10, 157.	1.1	10
31	Monitoring performance of professional and occupational operators. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 168, 199-205.	1.0	6
32	Neurophysiological Vigilance Characterisation and Assessment: Laboratory and Realistic Validations Involving Professional Air Traffic Controllers. <i>Brain Sciences</i> , 2020, 10, 48.	1.1	19
33	Double-Step Machine Learning Based Procedure for HFOs Detection and Classification. <i>Brain Sciences</i> , 2020, 10, 220.	1.1	19
34	Assessment of Athletes' Attitude: Physiological Evaluation via Wearable Sensors during Grappling Competitions. , 2020, 2020, 584-587.		2
35	Measuring Neurophysiological Signals, Fixations and Self-report Data for Product Placement Effectiveness Assessment in Music Videos. <i>Springer Proceedings in Business and Economics</i> , 2020, , 251-263.	0.3	2
36	EEG Fingerprints: Phase Synchronization of EEG Signals as Biomarker for Subject Identification. <i>IEEE Access</i> , 2019, 7, 121165-121173.	2.6	23

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37	Vigilance Decrement and Enhancement Techniques: A Review. <i>Brain Sciences</i> , 2019, 9, 178.	1.1	45
38	Brain-Computer Interface-Based Adaptive Automation to Prevent Out-Of-The-Loop Phenomenon in Air Traffic Controllers Dealing With Highly Automated Systems. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 296.	1.0	60
39	Toward a cooperation index based on EEG-workload causality: preliminary findings on aerospace-like tasks. , 2019, 2019, 4554-4557.		2
40	A LightGBM-Based EEG Analysis Method for Driver Mental States Classification. <i>Computational Intelligence and Neuroscience</i> , 2019, 2019, 1-11.	1.1	79
41	How Neurophysiological Measures Can be Used to Enhance the Evaluation of Remote Tower Solutions. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 303.	1.0	23
42	Framing a trust game as a power game greatly affects interbrain synchronicity between trustor and trustee. <i>Social Neuroscience</i> , 2019, 14, 635-648.	0.7	13
43	Antismoking Campaigns' Perception and Gender Differences: A Comparison among EEG Indices. <i>Computational Intelligence and Neuroscience</i> , 2019, 2019, 1-9.	1.1	16
44	EEG rhythms lateralization patterns in children with unilateral hearing loss are different from the patterns of normal hearing controls during speech-in-noise listening. <i>Hearing Research</i> , 2019, 379, 31-42.	0.9	18
45	Correlation and Similarity between Cerebral and Non-Cerebral Electrical Activity for User's States Assessment. <i>Sensors</i> , 2019, 19, 704.	2.1	23
46	The Dry Revolution: Evaluation of Three Different EEG Dry Electrode Types in Terms of Signal Spectral Features, Mental States Classification and Usability. <i>Sensors</i> , 2019, 19, 1365.	2.1	117
47	Brain Connectivity Analysis Under Semantic Vigilance and Enhanced Mental States. <i>Brain Sciences</i> , 2019, 9, 363.	1.1	34
48	EEG-Based Mental Workload Assessment During Real Driving. , 2019, , 121-126.		10
49	Mental Workload Monitoring: New Perspectives from Neuroscience. <i>Communications in Computer and Information Science</i> , 2019, , 3-19.	0.4	13
50	EEG-Based Workload Index as a Taxonomic Tool to Evaluate the Similarity of Different Robot-Assisted Surgery Systems. <i>Communications in Computer and Information Science</i> , 2019, , 105-117.	0.4	6
51	On the Use of Machine Learning for EEG-Based Workload Assessment: Algorithms Comparison in a Realistic Task. <i>Communications in Computer and Information Science</i> , 2019, , 170-185.	0.4	9
52	Topological Changes in the Brain Network Induced by the Training on a Piloting Task: An EEG-Based Functional Connectome Approach. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 263-271.	2.7	11
53	Human-Machine Interaction Assessment by Neurophysiological Measures: A Study on Professional Air Traffic Controllers. , 2018, 2018, 4619-4622.		11
54	Monitoring Pilot's Cognitive Fatigue with Engagement Features in Simulated and Actual Flight Conditions Using an Hybrid fNIRS-EEG Passive BCI. , 2018, , .		62

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55	EEG-Based Mental Workload Neurometric to Evaluate the Impact of Different Traffic and Road Conditions in Real Driving Settings. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 509.	1.0	100
56	Good News or Bad News, Which Do You Want First? The Importance of the Sequence and Organization of Information for Financial Decision-Making: A Neuro-Electrical Imaging Study. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 294.	1.0	1
57	Neurophysiological Profile of Antismoking Campaigns. <i>Computational Intelligence and Neuroscience</i> , 2018, 2018, 1-11.	1.1	16
58	Neurophysiological Responses to Different Product Experiences. <i>Computational Intelligence and Neuroscience</i> , 2018, 2018, 1-10.	1.1	34
59	Neurophysiological Measures of the Perception of Antismoking Public Service Announcements Among Young Population. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 231.	1.0	30
60	Alpha and Theta EEG Variations as Indices of Listening Effort to Be Implemented in Neurofeedback Among Cochlear Implant Users. <i>Lecture Notes in Computer Science</i> , 2018, , 30-41.	1.0	8
61	Marketing Meets Neuroscience. , 2018, , 391-412.		0
62	Wine Tasting: How Much Is the Contribution of the Olfaction?. <i>Springer Proceedings in Business and Economics</i> , 2018, , 199-209.	0.3	2
63	Measuring Cognitive and Emotional Processes in Retail. , 2018, , 427-444.		0
64	Interhemispheric Connectivity Characterizes Cortical Reorganization in Motor-Related Networks After Cerebellar Lesions. <i>Cerebellum</i> , 2017, 16, 358-375.	1.4	21
65	Human Factors and Neurophysiological Metrics in Air Traffic Control: A Critical Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2017, 10, 250-263.	13.1	75
66	Passive BCI in Operational Environments: Insights, Recent Advances, and Future Trends. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1431-1436.	2.5	111
67	Mental States in Aviation. <i>Biosystems and Biorobotics</i> , 2017, , 29-56.	0.2	4
68	Neurophysiological Signals Processing. <i>Biosystems and Biorobotics</i> , 2017, , 83-113.	0.2	0
69	Industrial Neuroscience in Aviation. <i>Biosystems and Biorobotics</i> , 2017, , .	0.2	14
70	EEG activity as an objective measure of cognitive load during effortful listening: A study on pediatric subjects with bilateral, asymmetric sensorineural hearing loss. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 99, 1-7.	0.4	42
71	EEG-Based Cognitive Control Behaviour Assessment: an Ecological study with Professional Air Traffic Controllers. <i>Scientific Reports</i> , 2017, 7, 547.	1.6	87
72	Electroencephalographic, Heart Rate, and Galvanic Skin Response Assessment for an Advertising Perception Study: Application to Antismoking Public Service Announcements. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	49

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73	Assessing Cerebral and Emotional Activity During the Purchase of Fruit and Vegetable Products in the Supermarkets. Springer Proceedings in Business and Economics, 2017, , 293-307.	0.3	11
74	Evaluation of different cochlear implants in unilateral hearing patients during word listening tasks: A brain connectivity study. , 2017, 2017, 2470-2473.		3
75	Transparency and Reliability in Neuromarketing Research. , 2017, , 101-111.		4
76	Assessment of driving fatigue based on intra/inter-region phase synchronization. Neurocomputing, 2017, 219, 474-482.	3.5	98
77	How the workload impacts on cognitive cooperation: A pilot study. , 2017, 2017, 3961-3964.		3
78	An eye tracking index for the salience estimation in visual stimuli. , 2017, 2017, 4483-4486.		3
79	EEG-based Approach-Withdrawal index for the pleasantness evaluation during taste experience in realistic settings. , 2017, 2017, 3228-3231.		20
80	Hedonic editing and order effect in decision-making with neurometric evaluation. , 2017, 2017, 4179-4182.		0
81	Visual evaluation of health warning cues in anti smoking PSAs images. , 2017, , .		4
82	Neuroelectrical indices evaluation during antismoking public service announcements on a young population. , 2017, , .		5
83	A Neuroelectrical Brain Imaging Study on the Perception of Figurative Paintings against Only their Color or Shape Contents. Frontiers in Human Neuroscience, 2017, 11, 378.	1.0	10
84	A New Perspective for the Training Assessment: Machine Learning-Based Neurometric for Augmented User's Evaluation. Frontiers in Neuroscience, 2017, 11, 325.	1.4	36
85	Brain Interaction during Cooperation: Evaluating Local Properties of Multiple-Brain Network. Brain Sciences, 2017, 7, 90.	1.1	43
86	The "NeuroDante Project": Neurometric Measurements of Participant's Reaction to Literary Auditory Stimuli from Dante's "Divina Commedia". Lecture Notes in Computer Science, 2017, , 52-64.	1.0	4
87	Marketing Meets Neuroscience. Advances in Business Strategy and Competitive Advantage Book Series, 2017, , 163-190.	0.2	5
88	EEG Resting-State Brain Topological Reorganization as a Function of Age. Computational Intelligence and Neuroscience, 2016, 2016, 1-10.	1.1	18
89	Gender and Age Related Effects While Watching TV Advertisements: An EEG Study. Computational Intelligence and Neuroscience, 2016, 2016, 1-10.	1.1	37
90	Adaptive Automation Triggered by EEG-Based Mental Workload Index: A Passive Brain-Computer Interface Application in Realistic Air Traffic Control Environment. Frontiers in Human Neuroscience, 2016, 10, 539.	1.0	153

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91	Investigating Cooperative Behavior in Ecological Settings: An EEG Hyperscanning Study. PLoS ONE, 2016, 11, e0154236.	1.1	140
92	The Enactive Approach to Architectural Experience: A Neurophysiological Perspective on Embodiment, Motivation, and Affordances. Frontiers in Psychology, 2016, 7, 481.	1.1	61
93	A pilot study on the neurometric evaluation of "effective" and "ineffective" antismoking public service announcements. , 2016, 2016, 4597-4600.		15
94	Neuroelectrical Indexes for the Study of the Efficacy of TV Advertising Stimuli. Springer Proceedings in Business and Economics, 2016, , 355-371.	0.3	18
95	EEG Frontal Asymmetry Related to Pleasantness of Olfactory Stimuli in Young Subjects. Springer Proceedings in Business and Economics, 2016, , 373-381.	0.3	25
96	Neurophysiological measures for users' training objective assessment during simulated robot-assisted laparoscopic surgery. , 2016, 2016, 981-984.		13
97	A new regression-based method for the eye blinks artifacts correction in the EEG signal, without using any EOG channel. , 2016, 2016, 3187-3190.		69
98	The Power of Connecting Dots: Advanced Techniques to Evaluate Brain Functional Connectivity in Humans. IEEE Transactions on Biomedical Engineering, 2016, 63, 2447-2449.	2.5	3
99	Testing the Significance of Connectivity Networks: Comparison of Different Assessing Procedures. IEEE Transactions on Biomedical Engineering, 2016, 63, 2461-2473.	2.5	30
100	A passive brain-computer interface application for the mental workload assessment on professional air traffic controllers during realistic air traffic control tasks. Progress in Brain Research, 2016, 228, 295-328.	0.9	96
101	Quantitative Assessment of the Training Improvement in a Motor-Cognitive Task by Using EEG, ECG and EOG Signals. Brain Topography, 2016, 29, 149-161.	0.8	59
102	Investigation of the effect of EEG-BCI on the simultaneous execution of flight simulation and attentional tasks. Medical and Biological Engineering and Computing, 2016, 54, 1503-1513.	1.6	37
103	Time-varying effective connectivity of the cortical neuroelectric activity associated with behavioural microsleeps. NeuroImage, 2016, 124, 421-432.	2.1	30
104	Real-Time Workload Assessment Using EEG Signals in Virtual Reality Environment. IFMBE Proceedings, 2016, , 1351-1352.	0.2	3
105	Training-induced changes in information transfer efficiency of the brain network: A functional connectome approach. , 2015, , .		5
106	Cooperation driven coherence: Brains working hard together. , 2015, 2015, 4696-9.		9
107	Investigating Driver Fatigue versus Alertness Using the Granger Causality Network. Sensors, 2015, 15, 19181-19198.	2.1	73
108	Brain enhancement through cognitive training: a new insight from brain connectome. Frontiers in Systems Neuroscience, 2015, 9, 44.	1.2	67

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109	Electroencephalographic Correlates of Sensorimotor Integration and Embodiment during the Appreciation of Virtual Architectural Environments. <i>Frontiers in Psychology</i> , 2015, 6, 1944.	1.1	57
110	Neuromarketing. , 2015, , 698-702.		4
111	Avionic technology testing by using a cognitive neurometric index: A study with professional helicopter pilots. , 2015, 2015, 6182-5.		34
112	Reliability over time of EEG-based mental workload evaluation during Air Traffic Management (ATM) tasks. , 2015, 2015, 7242-5.		35
113	Investigating the neural basis of empathy by EEG hyperscanning during a Third Party Punishment. , 2015, 2015, 5384-7.		10
114	P300 latency Jitter occurrence in patients with disorders of consciousness: Toward a better design for Brain Computer Interface applications. , 2015, 2015, 6178-81.		6
115	The first impression is what matters: a neuroaesthetic study of the cerebral perception and appreciation of paintings by Titian. , 2015, 2015, 7990-3.		4
116	Mental workload estimations in unilateral deafened children. , 2015, 2015, 1654-7.		32
117	Neurophysiological correlates of embodiment and motivational factors during the perception of virtual architectural environments. <i>Cognitive Processing</i> , 2015, 16, 425-429.	0.7	37
118	Multidimensional Processes: In Italy, biomedical signal and image processing embraces a multiparametric, multimodal, multiscale paradigm.. <i>IEEE Pulse</i> , 2015, 6, 44-49.	0.1	1
119	A Neuroaesthetic Study of the Cerebral Perception and Appreciation of Paintings by Titian Using EEG and Eyetracker Measurements. <i>Lecture Notes in Computer Science</i> , 2015, , 21-32.	1.0	3
120	On the Use of Cognitive Neurometric Indexes in Aeronautic and Air Traffic Management Environments. <i>Lecture Notes in Computer Science</i> , 2015, , 45-56.	1.0	24
121	Measuring Cognitive and Emotional Processes in Retail. <i>Advances in E-Business Research Series</i> , 2015, , 76-92.	0.2	5
122	Neuroelectrical imaging study of music perception by children with unilateral and bilateral cochlear implants. <i>Cochlear Implants International</i> , 2014, 15, S68-S71.	0.5	1
123	Towards a multimodal bioelectrical framework for the online mental workload evaluation. , 2014, 2014, 3001-4.		26
124	Neuroelectrical Correlates of Trustworthiness and Dominance Judgments Related to the Observation of Political Candidates. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-19.	0.7	12
125	Time-Varying Effective Connectivity for Investigating the Neurophysiological Basis of Cognitive Processes. <i>Neuroinformatics</i> , 2014, , 171-204.	0.2	3
126	Different Perception of Musical Stimuli in Patients with Monolateral and Bilateral Cochlear Implants. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-7.	0.7	4

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127	Neurophysiological Tools to Investigate Consumer's Gender Differences during the Observation of TV Commercials. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-12.	0.7	91
128	Measuring neurophysiological signals in aircraft pilots and car drivers for the assessment of mental workload, fatigue and drowsiness. Neuroscience and Biobehavioral Reviews, 2014, 44, 58-75.	2.9	902
129	Neuroelectrical imaging investigation of cortical activity during listening to music in prelingually deaf children with cochlear implants. International Journal of Pediatric Otorhinolaryngology, 2014, 78, 737-743.	0.4	7
130	Human Brain Distinctiveness Based on EEG Spectral Coherence Connectivity. IEEE Transactions on Biomedical Engineering, 2014, 61, 2406-2412.	2.5	191
131	How to Measure Cerebral Correlates of Emotions in Marketing Relevant Tasks. Cognitive Computation, 2014, 6, 856-871.	3.6	67
132	Applied Neuroscience: Models, methods, theories, reviews. Neuroscience and Biobehavioral Reviews, 2014, 44, 1-3.	2.9	8
133	Social neuroscience and hyperscanning techniques: Past, present and future. Neuroscience and Biobehavioral Reviews, 2014, 44, 76-93.	2.9	414
134	Cross-cultural analysis of neuroelectrical cognitive and emotional variables during the appreciation of TV commercials. Neuropsychological Trends (discontinued), 2014, , 23-29.	0.4	10
135	Neuroelectrical Brain Imaging Tools for the Study of the Efficacy of TV Advertising Stimuli and their Application to Neuromarketing. Biosystems and Biorobotics, 2013, , .	0.2	30
136	Electronic evaluation for video commercials by impression index. Cognitive Neurodynamics, 2013, 7, 531-535.	2.3	36
137	Node Accessibility in Cortical Networks During Motor Tasks. Neuroinformatics, 2013, 11, 355-366.	1.5	7
138	Automatic and Direct Identification of Blink Components from Scalp EEG. Sensors, 2013, 13, 10783-10801.	2.1	37
139	Multiscale topological properties of functional brain networks during motor imagery after stroke. NeuroImage, 2013, 83, 438-449.	2.1	74
140	High-Resolution EEG Analysis of Power Spectral Density Maps and Coherence Networks in a Proportional Reasoning Task. Brain Topography, 2013, 26, 303-314.	0.8	15
141	Differences in the perceived music pleasantness between monolateral cochlear implanted and normal hearing children assessed by EEG. , 2013, 2013, 5422-5.		1
142	A Graph Theoretical Approach to Study the Organization of the Cortical Networks during Different Mathematical Tasks. PLoS ONE, 2013, 8, e71800.	1.1	32
143	Network Redundancy Analysis of Effective Brain Networks; a Comparison of Healthy Controls and Patients with Major Depression. PLoS ONE, 2013, 8, e60956.	1.1	15
144	Understanding Cerebral Activations during the Observation of Marketing Stimuli: A Neuroelectrical Perspective. Communications in Computer and Information Science, 2013, , 273-281.	0.4	0

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145	The study of memorization index based on W-GFP during the observation of TV commercials. , 2012, , .		4
146	Consumer Nueroscience: A New Area of Study for Biomedical Engineers. IEEE Pulse, 2012, 3, 21-23.	0.1	13
147	A covert attention P300-based brainâ€“computer interface: Geospell. Ergonomics, 2012, 55, 538-551.	1.1	69
148	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
149	EEG frontal asymmetry related to pleasantness of music perception in healthy children and cochlear implanted users. , 2012, 2012, 4740-3.		9
150	Community structure in large-scale cortical networks during motor acts. Chaos, Solitons and Fractals, 2012, 45, 603-610.	2.5	8
151	Imaging the Social Brain by Simultaneous Hyperscanning during Subject Interaction. IEEE Intelligent Systems, 2011, 26, 38-45.	4.0	81
152	Enhance of theta EEG spectral activity related to the memorization of commercial advertisings in Chinese and Italian subjects. , 2011, , .		16
153	On the Use of EEG or MEG Brain Imaging Tools in Neuromarketing Research. Computational Intelligence and Neuroscience, 2011, 2011, 1-12.	1.1	141
154	Multiple Pathways Analysis of Brain Functional Networks from EEG Signals: An Application to Real Data. Brain Topography, 2011, 23, 344-354.	0.8	32
155	Spectral EEG frontal asymmetries correlate with the experienced pleasantness of TV commercial advertisements. Medical and Biological Engineering and Computing, 2011, 49, 579-583.	1.6	181
156	eConnectome: A MATLAB toolbox for mapping and imaging of brain functional connectivity. Journal of Neuroscience Methods, 2011, 195, 261-269.	1.3	201
157	Spectral analysis of brain function network for the classification of motor imagery tasks. , 2011, , .		3
158	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
159	Neurophysiological Measurements of Memorization and Pleasantness in Neuromarketing Experiments. Lecture Notes in Computer Science, 2011, , 294-308.	1.0	8
160	Neuroelectric Methodologies for the Study of the Economic Decisions in Humans. Lecture Notes in Computer Science, 2011, , 265-282.	1.0	0
161	Changes in Brain Activity During the Observation of TV Commercials by Using EEG, GSR and HR Measurements. Brain Topography, 2010, 23, 165-179.	0.8	161
162	Cortical Network Analysis in Patients Affected by Schizophrenia. Brain Topography, 2010, 23, 214-220.	0.8	46

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163	From the Analysis of the Brain Images to the Study of Brain Networks Using Functional Connectivity and Multimodal Brain Signals. <i>Brain Topography</i> , 2010, 23, 115-118.	0.8	5
164	Neuroelectrical Hyperscanning Measures Simultaneous Brain Activity in Humans. <i>Brain Topography</i> , 2010, 23, 243-256.	0.8	148
165	Consciousness and its Measures: Joint Workshop for COST Actions NeuroMath and Consciousness. <i>Nonlinear Biomedical Physics</i> , 2010, 4, .	1.5	0
166	Why bother with a COST Action? The benefits of networking in science. <i>Nonlinear Biomedical Physics</i> , 2010, 4, S12.	1.5	2
167	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
168	A graph-theoretical approach in brain functional networks. Possible implications in EEG studies. <i>Nonlinear Biomedical Physics</i> , 2010, 4, S8.	1.5	36
169	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
170	STRUCTURAL ORGANIZATION OF FUNCTIONAL NETWORKS FROM EEG SIGNALS DURING MOTOR LEARNING TASKS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010, 20, 905-912.	0.7	24
171	On the Use of Electrooculogram for Efficient Human Computer Interfaces. <i>Computational Intelligence and Neuroscience</i> , 2010, 2010, 1-5.	1.1	92
172	Processing of Brain Signals by Using Hemodynamic and Neuroelectromagnetic Modalities. <i>Computational Intelligence and Neuroscience</i> , 2010, 2010, 1-2.	1.1	2
173	Sensorimotor interaction between somatosensory painful stimuli and motor sequences affects both anticipatory alpha rhythms and behavior as a function of the event side. <i>Brain Research Bulletin</i> , 2010, 81, 398-405.	1.4	15
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