

Giovanni Vecchiato

List of Publications by Year in descending order

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49
papers

2,586
citations

361045

20
h-index

276539

41
g-index

50
all docs

50
docs citations

50
times ranked

2470
citing authors

#	ARTICLE	IF	CITATIONS
1	EEG-EMG coupling as a hybrid method for steering detection in car driving settings. <i>Cognitive Neurodynamics</i> , 2022, 16, 987-1002.	2.3	3
2	Grand Field Challenges for Cognitive Neuroergonomics in the Coming Decade. <i>Frontiers in Neuroergonomics</i> , 2021, 2, .	0.6	20
3	Hybrid Systems to Boost EEG-Based Real-Time Action Decoding in Car Driving Scenarios. <i>Frontiers in Neuroergonomics</i> , 2021, 2, .	0.6	4
4	Robust anticipation of continuous steering actions from electroencephalographic data during simulated driving. <i>Scientific Reports</i> , 2021, 11, 23383.	1.6	8
5	Validation of a Novel Wearable Multistream Data Acquisition and Analysis System for Ergonomic Studies. <i>Sensors</i> , 2021, 21, 8167.	2.1	4
6	Spatio-temporal dynamics of interictal activity in musicogenic epilepsy: Two case reports and a systematic review of the literature. <i>Clinical Neurophysiology</i> , 2020, 131, 2393-2401.	0.7	3
7	Alpha and Beta EEG Desynchronizations Anticipate Steering Actions in a Driving Simulation Experiment. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 260-265.	0.5	5
8	Brain-based control of car infotainment. , 2019, , .		5
9	Electroencephalographic time-frequency patterns of braking and acceleration movement preparation in car driving simulation. <i>Brain Research</i> , 2019, 1716, 16-26.	1.1	18
10	Psychological constraints on aggressive predation in economic contests.. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 1767-1781.	1.5	14
11	A Neuroelectrical Brain Imaging Study on the Perception of Figurative Paintings against Only their Color or Shape Contents. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 378.	1.0	10
12	The Enactive Approach to Architectural Experience: A Neurophysiological Perspective on Embodiment, Motivation, and Affordances. <i>Frontiers in Psychology</i> , 2016, 7, 481.	1.1	61
13	Investigation of the effect of EEG-BCI on the simultaneous execution of flight simulation and attentional tasks. <i>Medical and Biological Engineering and Computing</i> , 2016, 54, 1503-1513.	1.6	37
14	Alpha EEG Frontal Asymmetries during Audiovisual Perception in Cochlear Implant Users. <i>Methods of Information in Medicine</i> , 2015, 54, 500-504.	0.7	20
15	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
16	The first impression is what matters: a neuroaesthetic study of the cerebral perception and appreciation of paintings by Titian. , 2015, 2015, 7990-3.		4
17	Mental workload estimations in unilateral deafened children. , 2015, 2015, 1654-7.		32
18	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

#	ARTICLE	IF	CITATIONS
19	On the Use of Cognitive Neuroscience in Industrial Applications by Using Neuroelectromagnetic Recordings. <i>Advances in Cognitive Neurodynamics</i> , 2015, , 31-37.	0.1	4
20	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
21	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
22	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
23	Neurophysiological Tools to Investigate Consumer's Gender Differences during the Observation of TV Commercials. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-12.	0.7	91
24	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
25	Neuroelectrical imaging investigation of cortical activity during listening to music in prelingually deaf children with cochlear implants. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 737-743.	0.4	7
26	How to Measure Cerebral Correlates of Emotions in Marketing Relevant Tasks. <i>Cognitive Computation</i> , 2014, 6, 856-871.	3.6	67
27	Neuroelectrical Brain Imaging Tools for the Study of the Efficacy of TV Advertising Stimuli and their Application to Neuromarketing. <i>Biosystems and Biorobotics</i> , 2013, , .	0.2	30
28	Electronic evaluation for video commercials by impression index. <i>Cognitive Neurodynamics</i> , 2013, 7, 531-535.	2.3	36
29	High-Resolution EEG Analysis of Power Spectral Density Maps and Coherence Networks in a Proportional Reasoning Task. <i>Brain Topography</i> , 2013, 26, 303-314.	0.8	15
30	Understanding Cerebral Activations during the Observation of Marketing Stimuli: A Neuroelectrical Perspective. <i>Communications in Computer and Information Science</i> , 2013, , 273-281.	0.4	0
31	The study of memorization index based on W-GFP during the observation of TV commercials. , 2012, , .		4
32	Understanding the Impact of TV Commercials: Electrical Neuroimaging. <i>IEEE Pulse</i> , 2012, 3, 42-47.	0.1	45
33	REDUNDANCY IN FUNCTIONAL BRAIN CONNECTIVITY FROM EEG RECORDINGS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012, 22, 1250158.	0.7	8
34	Imaging the Social Brain by Simultaneous Hyperscanning during Subject Interaction. <i>IEEE Intelligent Systems</i> , 2011, 26, 38-45.	4.0	81
35	Enhance of theta EEG spectral activity related to the memorization of commercial advertisings in Chinese and Italian subjects. , 2011, , .		16
36	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

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37	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
38	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
39	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
40	Cortical Network Analysis in Patients Affected by Schizophrenia. <i>Brain Topography</i> , 2010, 23, 214-220.	0.8	46
41	Neuroelectrical Hyperscanning Measures Simultaneous Brain Activity in Humans. <i>Brain Topography</i> , 2010, 23, 243-256.	0.8	148
42	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
43	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
44	A graph-theoretical approach in brain functional networks. Possible implications in EEG studies. <i>Nonlinear Biomedical Physics</i> , 2010, 4, S8.	1.5	36
45	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
46	On the Use of Electrooculogram for Efficient Human Computer Interfaces. <i>Computational Intelligence and Neuroscience</i> , 2010, 2010, 1-5.	1.1	92
47	Time-Varying Cortical Connectivity Estimation from Noninvasive, High-Resolution EEG Recordings. <i>Journal of Psychophysiology</i> , 2010, 24, 83-90.	0.3	12
48	The Track of Brain Activity during the Observation of TV Commercials with the High-Resolution EEG Technology. <i>Computational Intelligence and Neuroscience</i> , 2009, 2009, 1-7.	1.1	23
49	The study of brain activity during the observation of commercial advertsing by using high resolution EEG techniques. , 2009, 2009, 57-60.		17