

Elisa Visani

List of Publications by Year in descending order

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66
papers

1,144
citations

394421

19
h-index

434195

31
g-index

69
all docs

69
docs citations

69
times ranked

1751
citing authors

#	ARTICLE	IF	CITATIONS
1	Intra- and extra-cranial effects of transient blood pressure changes on brain near-infrared spectroscopy (NIRS) measurements. <i>Journal of Neuroscience Methods</i> , 2011, 197, 283-288.	2.5	127
2	Progressive myoclonic epilepsies. <i>Neurology</i> , 2014, 82, 405-411.	1.1	87
3	Significance of multiple neurophysiological measures in patients with chronic disorders of consciousness. <i>Clinical Neurophysiology</i> , 2015, 126, 558-564.	1.5	62
4	Enhanced frontocentral EEG connectivity in photosensitive generalized epilepsies: A partial directed coherence study. <i>Epilepsia</i> , 2012, 53, 359-367.	5.1	59
5	Movement-activated myoclonus in genetically defined progressive myoclonic epilepsies: EEG-EMG relationship estimated using autoregressive models. <i>Clinical Neurophysiology</i> , 2003, 114, 1041-1052.	1.5	54
6	Sensorimotor cortex excitability in Unverricht-Lundborg disease and Lafora body disease. <i>Neurology</i> , 2004, 63, 2309-2315.	1.1	50
7	Sleep patterns associated with the severity of impairment in a large cohort of patients with chronic disorders of consciousness. <i>Clinical Neurophysiology</i> , 2018, 129, 687-693.	1.5	46
8	A neurophysiological study of myoclonus in patients with DYT11 myoclonus-dystonia syndrome. <i>Movement Disorders</i> , 2008, 23, 2041-2048.	3.9	43
9	Focal epilepsies in adult patients attending two epilepsy centers: Classification of drug-resistance, assessment of risk factors, and usefulness of new antiepileptic drugs. <i>Epilepsia</i> , 2012, 53, 733-740.	5.1	39
10	Transcutaneous vagal nerve stimulation (t-VNS): An adjunctive treatment option for refractory epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 60, 115-119.	2.0	32
11	Short and long interval cortical inhibition in patients with Unverricht-Lundborg and Lafora body disease. <i>Epilepsy Research</i> , 2010, 89, 232-237.	1.6	31
12	Hemodynamic and EEG Time-Courses During Unilateral Hand Movement in Patients with Cortical Myoclonus. An EEG-fMRI and EEG-TD-fNIRS Study. <i>Brain Topography</i> , 2015, 28, 915-925.	1.8	30
13	Myoclonus in Creutzfeldt-Jakob disease: Polygraphic and video-electroencephalography assessment of 109 patients. <i>Movement Disorders</i> , 2010, 25, 2818-2827.	3.9	27
14	Photosensitive epilepsy: Spectral and coherence analyses of EEG using 14 Hz intermittent photic stimulation. <i>Clinical Neurophysiology</i> , 2010, 121, 318-324.	1.5	27
15	Identifying the epileptogenic zone by four non-invasive imaging techniques versus stereo-EEG in MRI-negative pre-surgery epilepsy patients. <i>Clinical Neurophysiology</i> , 2020, 131, 1815-1823.	1.5	27
16	Movement-related desynchronization-synchronization (ERD/ERS) in patients with Unverricht-Lundborg disease. <i>NeuroImage</i> , 2006, 33, 161-168.	4.2	26
17	Characterization of severe action myoclonus in sialidoses. <i>Epilepsy Research</i> , 2011, 94, 86-93.	1.6	24
18	Variability comparison of simultaneous brain near-infrared spectroscopy and functional magnetic resonance imaging during visual stimulation. <i>Journal of Medical Engineering and Technology</i> , 2011, 35, 370-376.	1.4	21

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19	EEG-informed fMRI analysis during a hand grip task: estimating the relationship between EEG rhythms and the BOLD signal. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 186.	2.0	21
20	An Italian multicentre study of perampanel in progressive myoclonus epilepsies. <i>Epilepsy Research</i> , 2019, 156, 106191.	1.6	19
21	EEG Power spectra and subcortical pathology in chronic disorders of consciousness. <i>Psychological Medicine</i> , 2022, 52, 1491-1500.	4.5	19
22	Abnormal ERD/ERS but Unaffected BOLD Response in Patients with Unverrichtâ€Lundborg Disease During Index Extension: A Simultaneous EEG-fMRI Study. <i>Brain Topography</i> , 2011, 24, 65-77.	1.8	15
23	Giant SEPs and SEP-recovery function in Unverrichtâ€Lundborg disease. <i>Clinical Neurophysiology</i> , 2013, 124, 1013-1018.	1.5	15
24	Predicting Functional Recovery in Chronic Stroke Rehabilitation Using Event-Related Desynchronization-Synchronization during Robot-Assisted Movement. <i>BioMed Research International</i> , 2016, 2016, 1-11.	1.9	15
25	Hand function assessment in the first years of life in unilateral cerebral palsy: Correlation with neuroimaging and cortico-spinal reorganization. <i>European Journal of Paediatric Neurology</i> , 2016, 20, 114-124.	1.6	15
26	Rhythmic cortical myoclonus in a case of HIV-related encephalopathy. <i>Movement Disorders</i> , 2003, 18, 1533-1538.	3.9	14
27	Network characteristics in benign epilepsy with centro-temporal spikes patients indicating defective connectivity during spindle sleep: A partial directed coherence study of EEG signals. <i>Clinical Neurophysiology</i> , 2018, 129, 2372-2379.	1.5	14
28	Spinocerebellar Ataxia Type 1: One-Year Longitudinal Study to Identify Clinical and MRI Measures of Disease Progression in Patients and Presymptomatic Carriers. <i>Cerebellum</i> , 2022, 21, 133-144.	2.5	13
29	Event-related potential (ERP) markers of melodic processing: The N2 component is modulated by structural complexity, not by melodic â€meaningfulnessâ€™. <i>Brain Research Bulletin</i> , 2010, 83, 23-28.	3.0	12
30	Electroencephalographic (EEG) Photoparoxysmal Responses Under 5 Years of Age. <i>Journal of Child Neurology</i> , 2015, 30, 1824-1830.	1.4	12
31	Towards the Automatic Localization of the Irritative Zone Through Magnetic Source Imaging. <i>Brain Topography</i> , 2020, 33, 651-663.	1.8	10
32	Analyzing the Loss and the Recovery of Consciousness: Functional Connectivity Patterns and Changes in Heart Rate Variability During Propofol-Induced Anesthesia. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 652080.	2.5	10
33	The network sustaining action myoclonus: a MEG-EMG study in patients with EPM1. <i>BMC Neurology</i> , 2016, 16, 214.	1.8	9
34	Interhemispherical Anatomical Disconnection in Disorders of Consciousness Patients. <i>Journal of Neurotrauma</i> , 2019, 36, 1535-1543.	3.4	9
35	Preservation of Language Processing and Auditory Performance in Patients With Disorders of Consciousness: A Multimodal Assessment. <i>Frontiers in Neurology</i> , 2020, 11, 526465.	2.4	9
36	Bayesian multi-dipole modelling in the frequency domain. <i>Journal of Neuroscience Methods</i> , 2019, 312, 27-36.	2.5	8

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37	Integration of Functional Magnetic Resonance Imaging and Magnetoencephalography Functional Maps Into a CyberKnife Planning System: Feasibility Study for Motor Activity Localization and Dose Planning. <i>World Neurosurgery</i> , 2017, 108, 756-762.	1.3	7
38	Higher order spectral analysis of scalp EEG activity reveals non-linear behavior during rhythmic visual stimulation. <i>Journal of Neural Engineering</i> , 2019, 16, 056028.	3.5	7
39	The gambling disorder: family styles and cognitive dimensions. <i>European Review for Medical and Pharmacological Sciences</i> , 2018, 22, 1066-1070.	0.7	7
40	Spectral and bispectral analysis of the EEG rhythms in basal conditions and during photic stimulation. , 2004, 2006, 574-7.		6
41	Cortico-muscular and cortico-cortical coherence changes resulting from Perampanel treatment in patients with cortical myoclonus. <i>Clinical Neurophysiology</i> , 2021, 132, 1057-1063.	1.5	6
42	The Semantics of Natural Objects and Tools in the Brain: A Combined Behavioral and MEG Study. <i>Brain Sciences</i> , 2022, 12, 97.	2.3	6
43	Cerebellar Involvement in Patients with Mild to Moderate Myoclonus Due to EPM1: Structural and Functional MRI Findings in Comparison with Healthy Controls and Ataxic Patients. <i>Brain Topography</i> , 2017, 30, 380-389.	1.8	5
44	Different patterns of movement-related cortical oscillations in patients with myoclonus and in patients with spinocerebellar ataxia. <i>Clinical Neurophysiology</i> , 2019, 130, 714-721.	1.5	5
45	Entropy Metrics Correlating with Higher Residual Functioning in Patients with Chronic Disorders of Consciousness. <i>Brain Sciences</i> , 2022, 12, 332.	2.3	5
46	FVEPs in Creutzfeldt-Jacob disease: waveforms and interaction with the periodic EEG pattern assessed by single sweep analysis. <i>Clinical Neurophysiology</i> , 2005, 116, 895-904.	1.5	4
47	Effect of repetitive transcranial magnetic stimulation on action myoclonus: A pilot study in patients with EPM1. <i>Epilepsy and Behavior</i> , 2018, 80, 33-36.	1.7	4
48	Cortical network dysfunction revealed by magnetoencephalography in carriers of spinocerebellar ataxia 1 or 2 mutation. <i>Clinical Neurophysiology</i> , 2020, 131, 1548-1555.	1.5	4
49	Visual fixation in disorders of consciousness: Development of predictive models to support differential diagnosis. <i>Physiology and Behavior</i> , 2021, 230, 113310.	2.1	3
50	Significance and clinical suggestions for the somatosensory evoked potentials increased in amplitude revealed by a large sample of neurological patients. <i>Neurological Sciences</i> , 2022, 43, 5553-5562.	1.9	3
51	Simultaneous EEG-fMRI in Patients with Unverricht-Lundborg Disease: Event-Related Desynchronization/Synchronization and Hemodynamic Response Analysis. <i>Computational Intelligence and Neuroscience</i> , 2010, 2010, 1-5.	1.7	2
52	EEG-EMG coherence estimated using time-varying autoregressive models in movement-activated myoclonus in patients with progressive myoclonic epilepsies.. , 2010, 2010, 1642-5.		2
53	BOLD correlates of Alpha and Beta EEG-rhythm during a motor task. , 2011, , .		2
54	Assessment of cortical response during motor task in adults by a multimodality approach based on fNIRS-EEG, fMRI-EEG, and TMS. , 2011, , .		2

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55	Epileptic spikes in Rasmussen's encephalitis: Migratory pattern and short-term evolution. A MEG study. <i>Clinical Neurophysiology</i> , 2017, 128, 1898-1905.	1.5	2
56	Gamma electroencephalographic coherence and theory of mind in healthy subjects. <i>Epilepsy and Behavior</i> , 2019, 100, 106435.	1.7	2
57	Central Alpha Bicoherence Is Reduced in Photosensitive Subjects. <i>IFMBE Proceedings</i> , 2020, , 1123-1128.	0.3	2
58	Multimodality fNIRS-EEG, fMRI-EEG and TMS Clinical Study on Cortical Response During Motor Task in Adult Volunteers and Epileptic Patients with Movement Disorders. , 2012, , .		1
59	EEG-informed fMRI analysis during a hand grip task. , 2012, 2012, 4712-5.		1
60	Somatosensory Conduction Pathway in Spastic Paraplegia Type 5. <i>Journal of Clinical Neurology</i>		