

Lilla Bonanno

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2529819/publications.pdf>

Version: 2024-02-01

90
papers

1,260
citations

471477

17
h-index

477281

29
g-index

92
all docs

92
docs citations

92
times ranked

2015
citing authors

#	ARTICLE	IF	CITATIONS
1	A Longitudinal EEG Study of Alzheimer's Disease Progression Based on A Complex Network Approach. International Journal of Neural Systems, 2015, 25, 1550005.	5.2	96
2	Deep convolutional neural networks for classification of mild cognitive impaired and Alzheimer's disease patients from scalp EEG recordings. , 2016, , .		78
3	Brain Network Analysis of Compressive Sensed High-Density EEG Signals in AD and MCI Subjects. IEEE Transactions on Industrial Informatics, 2019, 15, 527-536.	11.3	68
4	Permutation Disalignment Index as an Indirect, EEG-Based, Measure of Brain Connectivity in MCI and AD Patients. International Journal of Neural Systems, 2017, 27, 1750020.	5.2	67
5	Functional connectivity and cognitive impairment in migraine with and without aura. Journal of Headache and Pain, 2017, 18, 72.	6.0	53
6	Is computer-assisted training effective in improving rehabilitative outcomes after brain injury? A case-control hospital-based study. Disability and Health Journal, 2014, 7, 356-360.	2.8	46
7	Impaired Cerebral Haemodynamics in Vascular Depression: Insights From Transcranial Doppler Ultrasonography. Frontiers in Psychiatry, 2018, 9, 316.	2.6	42
8	DCE and DSC perfusion MRI diagnostic accuracy in the follow-up of primary and metastatic intra-axial brain tumors treated by radiosurgery with cyberknife. Radiation Oncology, 2019, 14, 65.	2.7	38
9	Central nervous system involvement in late-onset Pompe disease: clues from neuroimaging and neuropsychological analysis. European Journal of Neurology, 2019, 26, 442.	3.3	35
10	Videoconference-Based Mini Mental State Examination: A Validation Study. Telemedicine Journal and E-Health, 2013, 19, 931-937.	2.8	31
11	Constrained Spherical Deconvolution Tractography Reveals Cerebello-Mammillary Connections in Humans. Cerebellum, 2017, 16, 483-495.	2.5	31
12	Cognitive impairment in Parkinson's disease, Alzheimer's dementia, and vascular dementia: the role of the clock-drawing test. Psychogeriatrics, 2018, 18, 123-131.	1.2	26
13	Assessment of Duodopa® effects on quality of life of patients with advanced Parkinson's disease and their caregivers. Journal of Neurology, 2018, 265, 2005-2014.	3.6	26
14	Tele-Health and neurology: what is possible?. Neurological Sciences, 2013, 34, 2263-2270.	1.9	25
15	Cotard and Capgras Syndrome after Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, e103-e104.	1.6	24
16	Assessment of sleep and obesity in adults and children. Medicine (United States), 2019, 98, e17642.	1.0	24
17	Therapeutic adherence and coping strategies in patients with multiple sclerosis. Medicine (United States), 2019, 98, e17642.	1.0	22
18	Brain morphologic abnormalities in migraine patients: an observational study. Journal of Headache and Pain, 2020, 21, 39.	6.0	22

#	ARTICLE	IF	CITATIONS
19	Validation of a Computer-Aided Diagnosis System for the Automatic Identification of Carotid Atherosclerosis. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 509-516.	1.5	20
20	Italian Validation of Montreal Cognitive Assessment. <i>European Journal of Psychological Assessment</i> , 2015, 31, 131-137.	3.0	20
21	Neurophysiological assessment for evaluating residual cognition in vegetative and minimally conscious state patients: a pilot study. <i>Functional Neurology</i> , 2015, 30, 237-44.	1.3	20
22	Assessment of nociceptive system in vegetative and minimally conscious state by using laser evoked potentials. <i>Brain Injury</i> , 2015, 29, 1467-1474.	1.2	18
23	Potential predictors of quality of life in Parkinson's Disease: Sleep and mood disorders. <i>Journal of Clinical Neuroscience</i> , 2019, 70, 113-117.	1.5	18
24	A complex relation between depression and multiple sclerosis: a descriptive review. <i>Neurological Sciences</i> , 2019, 40, 1551-1558.	1.9	18
25	Functional connectivity in disorders of consciousness: methodological aspects and clinical relevance. <i>Brain Imaging and Behavior</i> , 2016, 10, 604-608.	2.1	17
26	Functional Evaluation of Awareness in Vegetative and Minimally Conscious State. <i>Open Neuroimaging Journal</i> , 2017, 11, 17-25.	0.2	17
27	GIS and spatial analysis for costs and services optimization in neurological telemedicine. , 2010, 2010, 2204-7.		16
28	Effects of Counseling on Psychological Measures in Caregivers of Patients with Disorders of Consciousness. <i>American Journal of Health Behavior</i> , 2015, 39, 772-778.	1.4	15
29	Cognitive functions and psychological symptoms in migraine: a study on patients with and without aura. <i>International Journal of Neuroscience</i> , 2019, 129, 588-592.	1.6	15
30	Olfactory event-related potentials: a new approach for the evaluation of olfaction in nasopharyngeal carcinoma patients treated with chemo-radiotherapy. <i>Journal of Laryngology and Otology</i> , 2016, 130, 453-461.	0.8	14
31	Augmentative and Alternative Communication Effects on Quality of Life in Patients with Locked-in Syndrome and Their Caregivers. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1929-1933.	1.6	14
32	Olfactory dysfunction as a prognostic marker for disability progression in Multiple Sclerosis: An olfactory event related potential study. <i>PLoS ONE</i> , 2018, 13, e0196006.	2.5	13
33	Anxiety, depression, and quality of life in Parkinson's disease: the implications of multidisciplinary treatment. <i>Neural Regeneration Research</i> , 2021, 16, 587.	3.0	13
34	Evolution of psychological condition in caregivers of patients with disorders of consciousness: a longitudinal study. <i>Neurological Sciences</i> , 2017, 38, 1249-1253.	1.9	11
35	Coping strategies in caregivers of disorders of consciousness patients. <i>Neurological Sciences</i> , 2018, 39, 1375-1381.	1.9	11
36	Diffusion Tensor Imaging and Neuropsychologic Assessment in Aphasic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, e477-e478.	1.6	10

#	ARTICLE	IF	CITATIONS
37	Automatic Algorithm for Segmentation of Atherosclerotic Carotid Plaque. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 411-416.	1.6	10
38	Longitudinal analysis of brain atrophy in Alzheimer's disease and frontotemporal dementia. Journal of International Medical Research, 2019, 47, 5019-5027.	1.0	10
39	Human calf muscles changes after strength training as revealed by diffusion tensor imaging. Journal of Sports Medicine and Physical Fitness, 2019, 59, 853-860.	0.7	9
40	Role of visual P300 in cognitive assessment of subacute stroke patients: a longitudinal study. International Journal of Neuroscience, 2020, 130, 722-726.	1.6	9
41	Multiple Sclerosis lesions detection by a hybrid Watershed-Clustering algorithm. Clinical Imaging, 2021, 72, 162-167.	1.5	9
42	Oral gabapentin and intradermal injection of lidocaine: is there any role in the treatment of moderate/severe tinnitus?. European Archives of Oto-Rhino-Laryngology, 2015, 272, 2825-2830.	1.6	8
43	The role of mind theory in patients affected by neurodegenerative disorders and impact on caregiver burden. Journal of Clinical Neuroscience, 2020, 78, 291-295.	1.5	8
44	Neural correlates of fatigue in multiple sclerosis: a combined neurophysiological and neuroimaging approach (R1). Archives Italiennes De Biologie, 2018, 155, 142-151.	0.4	8
45	Role of diffusion tensor imaging in the diagnosis and management of post-traumatic anosmia. Brain Injury, 2017, 31, 1964-1968.	1.2	7
46	Functional connectivity in multiple sclerosis after robotic rehabilitative treatment. Medicine (United States), 2017, 96, 1071-1076.	2.0	7
47	Quality of life in patients with multiple sclerosis and caregivers. Predictive factors: An observational study. Journal of Clinical Neuroscience, 2020, 78, 242-245.	1.5	7
48	The impact of SARS-COV2 infection on people in residential care with Parkinson Disease or parkinsonisms: Clinical case series study. PLoS ONE, 2021, 16, e0251313.	2.5	7
49	An approach to share MRI data over the Cloud preserving patients' privacy. , 2017, , .		6
50	Cerebrospinal Fluid Leak during Stapes Surgery: Gushing Leaks and Oozing Leaks, Two Different Phenomena. Ear, Nose and Throat Journal, 2017, 96, 302-308.	0.8	6
51	Diffusion tensor imaging reveals morphological alterations of the lateral pterygoid muscle in patients with mandibular asymmetry. Dentomaxillofacial Radiology, 2018, 47, 20170129.	2.7	6
52	Evaluation of US and MRI techniques for carotid stenosis: a novel phantom approach. Radiologia Medica, 2019, 124, 368-374.	7.7	6
53	Neuropsychological assessment and clinical evaluation in temporal lobe epilepsy with associated cortical dysplasia. Journal of Clinical Neuroscience, 2020, 72, 146-150.	1.5	6
54	Metabolic changes in de novo Parkinson's disease after dopaminergic therapy: A proton magnetic resonance spectroscopy study. Neuroscience Letters, 2015, 599, 55-60.	2.1	5

#	ARTICLE	IF	CITATIONS
55	Evaluation of Qualitative Outcomes after Surgical Intervention on Patients Affected by Arteriovenous Malformations. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2947-2952.	1.6	5
56	Relation among Psychopathological Symptoms, Neuropsychological Domains, and Functional Disability in Subacute Poststroke Rehabilitation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1381-1385.	1.6	5
57	Religious Coping in Caregiver of Patients with Acquired Brain Injuries. <i>Journal of Religion and Health</i> , 2019, 58, 1444-1452.	1.7	5
58	Cortical Reorganization after Rehabilitation in a Patient with Conduction Aphasia Using High-Density EEG. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5281.	2.5	5
59	An Alternative Approach to Cataract Surgery Using BSS Temperature of 2.7 Å°C. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2682.	2.5	5
60	Hierarchical clustering of the electroencephalogram spectral coherence to study the changes in brain connectivity in Alzheimer's disease. , 2016, , .		4
61	Does the radiologically isolated syndrome exist? A dual-task cost pilot study. <i>Neurological Sciences</i> , 2017, 38, 2007-2013.	1.9	4
62	Qualitative Analysis of Mini Mental State Examination Pentagon in Vascular Dementia and Alzheimer's Disease: A Longitudinal Explorative Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1666-1672.	1.6	4
63	CT and MRI slice separation evaluation by LabView developed software. <i>Zeitschrift Fur Medizinische Physik</i> , 2018, 28, 6-13.	1.5	4
64	Thought disorder in atypical schizophrenia-like psychosis after stroke: analysis of clinical cases. <i>Neurocase</i> , 2019, 25, 130-132.	0.6	4
65	Subthalamic nucleus deep brain stimulation and impulsivity in Parkinson's disease: a descriptive review. <i>Acta Neurologica Belgica</i> , 2021, 121, 837-847.	1.1	4
66	Functional MRI and laser-evoked potentials evaluation in Charcot-Marie-Tooth syndrome. <i>Neurological Sciences</i> , 2018, 39, 1185-1189.	1.9	3
67	Cotard's Syndrome Triggered by Fear in a Patient with Intellectual Disability: Causal or Casual Link?. <i>Issues in Mental Health Nursing</i> , 2018, 39, 353-356.	1.2	3
68	fMRI and electroencephalographic evaluation of sleep deprivation in epilepsy patients: An observational study. <i>Journal of Clinical Neuroscience</i> , 2019, 69, 120-123.	1.5	3
69	The relationship between body image and emotional and cognitive impairment after brain damage: A preliminary study. <i>Brain and Behavior</i> , 2021, 11, e02181.	2.2	3
70	The role of teriflunomide in Multiple Sclerosis patient: an observational study. <i>Psychology, Health and Medicine</i> , 2022, 27, 2204-2211.	2.4	3
71	Health-related quality of life in Parkinson's disease patients in northeastern Sicily, Italy: (An) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	3.0	3
72	Humanoid Robot Use in Cognitive Rehabilitation of Patients with Severe Brain Injury: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2940.	2.4	3

#	ARTICLE	IF	CITATIONS
73	Cluster Analysis boosted watershed segmentation of neurological image. , 2011, , .		2
74	Impaired Recognition of Facial Emotion in Patients With Parkinson Disease Under Dopamine Therapy. Journal of Geriatric Psychiatry and Neurology, 2020, 33, 265-271.	2.3	2
75	Factors related to cognitive reserve among caregivers of severe acquired brain injury. Journal of Clinical Neuroscience, 2020, 77, 94-97.	1.5	2
76	The effects of caregiver's burden on dynamic structure in disorder of consciousness families: An observational study. Brain and Behavior, 2021, 11, e2305.	2.2	2
77	Assessment of insight in hospitalized neurological patient: Cognitive profile and mood disorder. Journal of Clinical Neuroscience, 2020, 79, 104-107.	1.5	2
78	Early and Innovative Rehabilitation in Warkany Syndrome 2 Associated with Agenesis of the Corpus Callosum: A Case Report. Children, 2022, 9, 722.	1.5	2
79	Validating a computer-aided diagnosis system for identifying carotid atherosclerosis. , 2013, , .		1
80	Relationship between Interferon Beta-1A Administration and Intracranial Vascular Tone Regulation in Patients with Relapsing-Remitting Multiple Sclerosis: A Pilot Study. BioMed Research International, 2017, 2017, 1-5.	1.9	1
81	Training Skills in Minimally Invasive, Robotic and Open Surgery: Brain Activation as an Opportunity for Learning. European Surgical Research, 2020, 61, 34-50.	1.3	1
82	Artificial Neural Network (ANN) Morphological Classification of Magnetic Resonance Imaging in Multiple Sclerosis. Smart Innovation, Systems and Technologies, 2013, , 121-127.	0.6	1
83	Role of transcranial magnetic stimulation (TMS) combined with electroencephalography (EEG) in disorders of consciousness (DOC). Journal of the Neurological Sciences, 2021, 429, 118507.	0.6	1
84	Snake Segmentation of Multiple Sclerosis Lesions for Assisted Diagnosis by Cluster Analysis-Based Techniques. , 2009, , .		1
85	Meta-Cognitive Ability and Brain Damage in Autoimmune Encephalitis: A Case Report. Turk Psikiyatri Dergisi, 2017, , .	0.2	1
86	Estimating the Asymmetry of Brain Network Organization in Stroke Patients from High-Density EEG Signals. Smart Innovation, Systems and Technologies, 2020, , 475-483.	0.6	1
87	Effect of MAO-B Inhibitors on Neurometabolic Profile of Patients Affected by Parkinson Disease: A Proton Magnetic Resonance Spectroscopy Study. Journal of Clinical Medicine, 2022, 11, 1931.	2.4	1
88	Neuropsychological implication in possible antibody-negative limbic encephalitis: a clinical case report. Journal of International Medical Research, 2022, 50, 030006052210787.	1.0	0
89	Cognitive and Speech Rehabilitation in a Patient Affected by Takotsubo Cardiomyopathy: A Case Report. Medicina (Lithuania), 2022, 58, 697.	2.0	0
90	Investigations of Personality Trait in Subacute Post-Stroke Patients: Some Preliminary Observations. Medicina (Lithuania), 2022, 58, 683.	2.0	0