

Alessia Bramanti

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

3,052
citations

147566

31
h-index

174990

52
g-index

63
all docs

63
docs citations

63
times ranked

4492
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of robot-assisted upper limb rehabilitation in stroke patients: a systematic review with meta-analysis. <i>Neurological Sciences</i> , 2017, 38, 1561-1569.	0.9	241
2	Multivariate Multi-Scale Permutation Entropy for Complexity Analysis of Alzheimer's Disease EEG. <i>Entropy</i> , 2012, 14, 1186-1202.	1.1	219
3	A Convolutional Neural Network approach for classification of dementia stages based on 2D-spectral representation of EEG recordings. <i>Neurocomputing</i> , 2019, 323, 96-107.	3.5	175
4	Robotic gait rehabilitation and substitution devices in neurological disorders: where are we now?. <i>Neurological Sciences</i> , 2016, 37, 503-514.	0.9	171
5	What does best evidence tell us about robotic gait rehabilitation in stroke patients: A systematic review and meta-analysis. <i>Journal of Clinical Neuroscience</i> , 2018, 48, 11-17.	0.8	162
6	A Longitudinal EEG Study of Alzheimer's Disease Progression Based on A Complex Network Approach. <i>International Journal of Neural Systems</i> , 2015, 25, 1550005.	3.2	96
7	Robotic gait training in multiple sclerosis rehabilitation: Can virtual reality make the difference? Findings from a randomized controlled trial. <i>Journal of the Neurological Sciences</i> , 2017, 377, 25-30.	0.3	93
8	A novel role in skeletal segment regeneration of extracellular vesicles released from periodontal-ligament stem cells. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3805-3825.	3.3	77
9	Cortical Plasticity in Depression. <i>ASN Neuro</i> , 2017, 9, 175909141771151.	1.5	74
10	Entangling COVID-19 associated thrombosis into a secondary antiphospholipid antibody syndrome: Diagnostic and therapeutic perspectives (Review). <i>International Journal of Molecular Medicine</i> , 2020, 46, 903-912.	1.8	73
11	Contribution of the macrophage migration inhibitory factor superfamily of cytokines in the pathogenesis of preclinical and human multiple sclerosis: In silico and in vivo evidences. <i>Journal of Neuroimmunology</i> , 2018, 322, 46-56.	1.1	69
12	Permutation Disalignment Index as an Indirect, EEG-Based, Measure of Brain Connectivity in MCI and AD Patients. <i>International Journal of Neural Systems</i> , 2017, 27, 1750020.	3.2	67
13	Breakthroughs in the spasticity management: Are non-pharmacological treatments the future?. <i>Journal of Clinical Neuroscience</i> , 2017, 39, 16-27.	0.8	66
14	Improving Cognitive Function in Patients with Stroke: Can Computerized Training Be the Future?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1055-1060.	0.7	64
15	Red nucleus structure and function: from anatomy to clinical neurosciences. <i>Brain Structure and Function</i> , 2021, 226, 69-91.	1.2	60
16	Effects of cerebellar transcranial alternating current stimulation on motor cortex excitability and motor function. <i>Brain Structure and Function</i> , 2017, 222, 2891-2906.	1.2	59
17	Holographic microscope slide in a spatio-temporal imaging modality for reliable 3D cell counting. <i>Lab on A Chip</i> , 2017, 17, 2831-2838.	3.1	53
18	Enhanced Compressibility of EEG Signal in Alzheimer's Disease Patients. <i>IEEE Sensors Journal</i> , 2013, 13, 3255-3262.	2.4	52

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19	Overexpression of macrophage migration inhibitory factor and functionally related genes, Dâ€DT, CD74, CD44, CXCR2 and CXCR4, in glioblastoma. <i>Oncology Letters</i> , 2018, 16, 2881-2886.	0.8	51
20	Label-Free Optical Marker for Red-Blood-Cell Phenotyping of Inherited Anemias. <i>Analytical Chemistry</i> , 2018, 90, 7495-7501.	3.2	49
21	Cortical connectivity modulation induced by cerebellar oscillatory transcranial direct current stimulation in patients with chronic disorders of consciousness: A marker of covert cognition?. <i>Clinical Neurophysiology</i> , 2016, 127, 1845-1854.	0.7	48
22	Transcriptomic analysis of gingival mesenchymal stem cells cultured on 3D bioprinted scaffold: A promising strategy for neuroregeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 126-137.	2.1	47
23	Using telerehabilitation to improve cognitive function in post-stroke survivors: is this the time for the continuity of care?. <i>International Journal of Rehabilitation Research</i> , 2019, 42, 344-351.	0.7	47
24	Tele-health-care in the elderly living in nursing home: the first Sicilian multimodal approach. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 753-759.	1.4	46
25	The Limbic and Sensorimotor Pathways of the Human Amygdala: A Structural Connectivity Study. <i>Neuroscience</i> , 2018, 385, 166-180.	1.1	46
26	Impaired Cerebral Haemodynamics in Vascular Depression: Insights From Transcranial Doppler Ultrasonography. <i>Frontiers in Psychiatry</i> , 2018, 9, 316.	1.3	42
27	Transcranial Doppler ultrasound in vascular cognitive impairment-no dementia. <i>PLoS ONE</i> , 2019, 14, e0216162.	1.1	41
28	Shedding new light on disorders of consciousness diagnosis: The dynamic functional connectivity. <i>Cortex</i> , 2018, 103, 316-328.	1.1	38
29	Moving towards novel multidisciplinary approaches for improving elderly quality of life: The emerging role of telemedicine in Sicily. <i>Journal of Telemedicine and Telecare</i> , 2019, 25, 318-324.	1.4	37
30	Telemedicine for Facio-Scapulo-Humeral Muscular Dystrophy: A multidisciplinary approach to improve quality of life and reduce hospitalization rate?. <i>Disability and Health Journal</i> , 2018, 11, 306-309.	1.6	36
31	Toward Improving Poststroke Aphasia: A Pilot Study on the Growing Use of Telerehabilitation for the Continuity of Care. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 104303.	0.7	36
32	Teleassistance for frail elderly people: A usability and customer satisfaction study. <i>Geriatric Nursing</i> , 2020, 41, 463-467.	0.9	36
33	Quantitative Analysis of Pursuit Ocular Movements in Parkinson's Disease by Using a Video-Based Eye Tracking System. <i>European Neurology</i> , 2007, 58, 193-197.	0.6	31
34	Naturally occurring compounds in differentiation based therapy of cancer. <i>Biotechnology Advances</i> , 2018, 36, 1622-1632.	6.0	31
35	Transcriptomic analysis of COVID-19 lungs and bronchoalveolar lavage fluid samples reveals predominant B cell activation responses to infection. <i>International Journal of Molecular Medicine</i> , 2020, 46, 1266-1273.	1.8	30
36	Towards a method to differentiate chronic disorder of consciousness patients' awareness: The Low-Resolution Brain Electromagnetic Tomography Analysis. <i>Journal of the Neurological Sciences</i> , 2016, 368, 178-183.	0.3	27

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37	Tele-health services for the elderly: A novel southern Italy family needs-oriented model. <i>Journal of Telemedicine and Telecare</i> , 2016, 22, 356-362.	1.4	26
38	Cognitive rehabilitation using immersive virtual reality at young age: A case report on traumatic brain injury. <i>Applied Neuropsychology: Child</i> , 2020, 9, 282-287.	0.7	26
39	Spatially coherent and topographically organized pathways of the human globus pallidus. <i>Human Brain Mapping</i> , 2020, 41, 4641-4661.	1.9	26
40	Cognitive impairment in obstructive sleep apnea syndrome: a descriptive review. <i>Sleep and Breathing</i> , 2021, 25, 29-40.	0.9	26
41	Tele-Health and neurology: what is possible?. <i>Neurological Sciences</i> , 2013, 34, 2263-2270.	0.9	25
42	In vitro cytotoxicity evaluation of cadmium by label-free holographic microscopy. <i>Journal of Biophotonics</i> , 2018, 11, e201800099.	1.1	23
43	Pain perception in patients with chronic disorders of consciousness: What can limbic system tell us?. <i>Clinical Neurophysiology</i> , 2017, 128, 454-462.	0.7	22
44	What Do We Know About the Influence of the Cerebellum on Walking Ability? Promising Findings from Transcranial Alternating Current Stimulation. <i>Cerebellum</i> , 2017, 16, 859-867.	1.4	21
45	The effect of l-Dopa administration on pursuit ocular movements in suspected Parkinson's disease. <i>Neurological Sciences</i> , 2010, 31, 381-385.	0.9	20
46	Cognitive training for patients with dementia living in a sicilian nursing home: a novel web-based approach. <i>Neurological Sciences</i> , 2016, 37, 1685-1691.	0.9	20
47	Spasticity Management: The Current State of Transcranial Neuromodulation. <i>PM and R</i> , 2017, 9, 1020-1029.	0.9	20
48	Do you see me? The role of visual fixation in chronic disorders of consciousness differential diagnosis. <i>Brain Research</i> , 2016, 1653, 59-66.	1.1	17
49	Maskless Arrayed Nanofiber Mats by Bipolar Pyroelectrospinning. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3382-3387.	4.0	17
50	How far can we go in chronic disorders of consciousness differential diagnosis? The use of neuromodulation in detecting internal and external awareness. <i>Neuroscience</i> , 2017, 349, 165-173.	1.1	16
51	<p>Migrainous Infarction And Cerebral Vasospasm: Case Report And Literature Review</p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 2941-2950.	0.8	16
52	Pursuit ocular movements in multiple sclerosis: a video-based eye-tracking study. <i>Neurological Sciences</i> , 2011, 32, 67-71.	0.9	14
53	Label-free quantification of the effects of lithium niobate polarization on cell adhesion via holographic microscopy. <i>Journal of Biophotonics</i> , 2018, 11, e201700332.	1.1	14
54	Personal computer-based cognitive training in Parkinson's disease: a case study. <i>Psychogeriatrics</i> , 2018, 18, 427-429.	0.6	14

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55	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.	0.7	14
56	An immunofluorescence study on VEGF and extracellular matrix proteins in human periodontal ligament during tooth movement. <i>Heliyon</i> , 2019, 5, e02572.	1.4	13
57	Magnetic resonance imaging markers for early diagnosis of Parkinson's disease. <i>Neural Regeneration Research</i> , 2012, 7, 611-9.	1.6	13
58	Toward a more personalized motor function rehabilitation in Myotonic dystrophy type 1: The role of neuroplasticity. <i>PLoS ONE</i> , 2017, 12, e0178470.	1.1	12
59	Metaplasticity: A Promising Tool to Disentangle Chronic Disorders of Consciousness Differential Diagnosis. <i>International Journal of Neural Systems</i> , 2018, 28, 1750059.	3.2	11
60	Coping strategies in caregivers of disorders of consciousness patients. <i>Neurological Sciences</i> , 2018, 39, 1375-1381.	0.9	11
61	Automatic Algorithm for Segmentation of Atherosclerotic Carotid Plaque. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 411-416.	0.7	10
62	Treatment of pain post-brachial plexus injury using high-frequency spinal cord stimulation. <i>Journal of Pain Research</i> , 2018, Volume 11, 2997-3002.	0.8	8
63	Reducing the rate of misdiagnosis in patients with chronic disorders of consciousness: Is there a place for audiovisual stimulation?. <i>Restorative Neurology and Neuroscience</i> , 2017, 35, 511-526.	0.4	7