

Maria C De Cola

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,702
citations

304602

22
h-index

315616

38
g-index

65
all docs

65
docs citations

65
times ranked

2152
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	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
3	Combining EEG signal processing with supervised methods for Alzheimer's patients classification. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 35.	1.5	91
4	What About the Role of Virtual Reality in Parkinson Disease's Cognitive Rehabilitation? Preliminary Findings From a Randomized Clinical Trial. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2018, 31, 312-318.	1.2	75
5	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
6	Observational study of quality of life of Parkinson's patients and their caregivers. <i>Psychogeriatrics</i> , 2017, 17, 97-102.	0.6	50
7	Neuropsychiatric symptoms in dementia may predict caregiver burden: a Sicilian exploratory study. <i>Psychogeriatrics</i> , 2017, 17, 103-107.	0.6	48
8	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
9	Is computer-assisted training effective in improving rehabilitative outcomes after brain injury? A case-control hospital-based study. <i>Disability and Health Journal</i> , 2014, 7, 356-360.	1.6	46
10	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
11	Timing for cranioplasty to improve neurological outcome: A systematic review. <i>Brain and Behavior</i> , 2018, 8, e01106.	1.0	43
12	Impact of Depression, Fatigue, and Global Measure of Cortical Volume on Cognitive Impairment in Multiple Sclerosis. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	40
13	Robotic neurorehabilitation in patients with chronic stroke. <i>International Journal of Rehabilitation Research</i> , 2015, 38, 219-225.	0.7	38
14	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
15	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
16	Teleassistance for frail elderly people: A usability and customer satisfaction study. <i>Geriatric Nursing</i> , 2020, 41, 463-467.	0.9	36
17	The role of robotic gait training coupled with virtual reality in boosting the rehabilitative outcomes in patients with multiple sclerosis. <i>International Journal of Rehabilitation Research</i> , 2018, 41, 166-172.	0.7	33
18	Detection of Olfactory Dysfunction Using Olfactory Event Related Potentials in Young Patients with Multiple Sclerosis. <i>PLoS ONE</i> , 2014, 9, e103151.	1.1	31

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19	Self-Efficacy, Poststroke Depression, and Rehabilitation Outcomes: Is There a Correlation?. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 3208-3211.	0.7	31
20	Is hydrokinesitherapy effective on gait and balance in patients with stroke? A clinical and baropodometric investigation. Brain Injury, 2014, 28, 1109-1114.	0.6	30
21	Robotic-assisted gait training in Parkinson's disease: a three-month follow-up randomized clinical trial. International Journal of Neuroscience, 2017, 127, 996-1004.	0.8	29
22	Early vs late cranioplasty: what is better?. International Journal of Neuroscience, 2017, 127, 688-693.	0.8	28
23	Alzheimer's disease patients classification through EEG signals processing. , 2014, , .		27
24	Tele-health services for the elderly: A novel southern Italy family needs-oriented model. Journal of Telemedicine and Telecare, 2016, 22, 356-362.	1.4	26
25	Is there a correlation between family functioning and functional recovery in patients with acquired brain injury? An exploratory study. Applied Nursing Research, 2018, 41, 11-14.	1.0	25
26	Sexual Dysfunction in Parkinson Disease: A Multicenter Italian Cross-sectional Study on a Still Overlooked Problem. Journal of Sexual Medicine, 2020, 17, 1914-1925.	0.3	24
27	Unmet Needs for Family Caregivers of Elderly People With Dementia Living in Italy: What Do We Know So Far and What Should We Do Next?. Inquiry (United States), 2017, 54, 004695801771370.	0.5	22
28	Beyond motor recovery after stroke: The role of hand robotic rehabilitation plus virtual reality in improving cognitive function. Journal of Clinical Neuroscience, 2021, 92, 11-16.	0.8	22
29	EEG Signal Processing and Supervised Machine Learning to Early Diagnose Alzheimer's Disease. Applied Sciences (Switzerland), 2022, 12, 5413.	1.3	21
30	Cognitive training for patients with dementia living in a sicilian nursing home: a novel web-based approach. Neurological Sciences, 2016, 37, 1685-1691.	0.9	20
31	Neurophysiological assessment for evaluating residual cognition in vegetative and minimally conscious state patients: a pilot study. Functional Neurology, 2015, 30, 237-44.	1.3	20
32	Next generation sequencing reads comparison with an alignment-free distance. BMC Research Notes, 2014, 7, 869.	0.6	17
33	Sexual Dysfunction Induced by Intrathecal Baclofen Administration: Is This the Price to Pay for Severe Spasticity Management?. Journal of Sexual Medicine, 2014, 11, 1807-1815.	0.3	17
34	Exploring cognitive reserve in multiple sclerosis: New findings from a cross-sectional study. Journal of Clinical and Experimental Neuropsychology, 2016, 38, 1158-1167.	0.8	17
35	The Orderly Colored Longest Path Problem " a survey of applications and new algorithms. RAIRO - Operations Research, 2014, 48, 25-51.	1.0	15
36	Computerized Training in Poststroke Aphasia: What About the Long-Term Effects? A Randomized Clinical Trial. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 2271-2276.	0.7	15

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37	Innovation technology in neurorehabilitation: introducing a hub and spoke model to avoid patient "emigration" in Sicily. <i>Journal of Health Organization and Management</i> , 2020, 34, 207-214.	0.6	12
38	The Efficacy of Cocoa Polyphenols in the Treatment of Mild Cognitive Impairment: A Retrospective Study. <i>Medicina (Lithuania)</i> , 2019, 55, 156.	0.8	9
39	Can muscle vibration be the future in the treatment of cerebral palsy-related drooling? A feasibility study.. <i>International Journal of Medical Sciences</i> , 2019, 16, 1447-1452.	1.1	9
40	Effects of domotics on cognitive, social and personal functioning in patients with chronic stroke: A pilot study. <i>Disability and Health Journal</i> , 2020, 13, 100838.	1.6	9
41	An integrated approach based on EEG signals processing combined with supervised methods to classify Alzheimer's disease patients. , 2018, , .		8
42	Effect of neurological screening on early dementia detection in southern Italy. <i>Journal of International Medical Research</i> , 2020, 48, 030006052094976.	0.4	8
43	Role of citicoline and choline in the treatment of post-stroke depression: an exploratory study. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110550.	0.4	8
44	Optimal pathway reconstruction on 3D NMR maps. <i>Discrete Applied Mathematics</i> , 2015, 182, 134-149.	0.5	7
45	A multidisciplinary Telehealth approach for community dwelling older adults. <i>Geriatric Nursing</i> , 2021, 42, 635-642.	0.9	6
46	The role of body image changes in neurorehabilitation outcomes: a preliminary study. <i>Psychology, Health and Medicine</i> , 2020, 25, 10-16.	1.3	5
47	Role of functional pharmacological therapy in post-stroke depression: a narrative review. <i>Journal of International Medical Research</i> , 2020, 48, 030006052095055.	0.4	5
48	Do people with multiple sclerosis benefit from PC-based neurorehabilitation? A pilot study. <i>Applied Neuropsychology Adult</i> , 2021, 28, 427-435.	0.7	5
49	How patients with mild dementia living in a nursing home benefit from dementia caf�s: a case-control study focusing on psychological and behavioural symptoms and caregiver burden. <i>Psychogeriatrics</i> , 2021, 21, 612-617.	0.6	5
50	Is the "Family Glass Cabin" Useful to Safely Allow Inpatient Caregiver Interaction in the COVID-19 Era? A Pilot Study on Severe Acquired Brain Injury. <i>Journal of Clinical Medicine</i> , 2022, 11, 1623.	1.0	5
51	Recovery of Severe Aphasia After Cranioplasty: Considerations on a Case Study. <i>Rehabilitation Nursing</i> , 2020, 45, 238-242.	0.3	4
52	Can Cranioplasty Be Considered a Tool to Improve Cognitive Recovery Following Traumatic Brain Injury? A 5-Years Retrospective Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5437.	1.0	4
53	Care models for mental health in a population of patients affected by COVID-19. <i>Journal of International Medical Research</i> , 2022, 50, 030006052210974.	0.4	4
54	Effect of cognitive rehabilitation in a case of thalamic astrocytoma. <i>Applied Neuropsychology Adult</i> , 2016, 23, 309-312.	0.7	3

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55	Five years experience on 3,4-diaminopyridine phosphate in Lambert-Éaton syndrome. <i>Medicine (United Kingdom)</i> , 2021, 100, 1-4. DOI: 10.7843/1433-1746.2021.100.1-4	0.4	3
56	ReportFlow: an application for EEG visualization and reporting using cloud platform. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 7. DOI: 10.1186/s12911-021-01407-1	1.5	3
57	The relationship between body image and emotional and cognitive impairment after brain damage: A preliminary study. <i>Brain and Behavior</i> , 2021, 11, e02181. DOI: 10.1093/brain/bnab218	1.0	3
58	Humanoid Robot Use in Cognitive Rehabilitation of Patients with Severe Brain Injury: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2940. DOI: 10.3390/jcm110302940	1.0	3
59	The effects of caregiver's burden on dynamic structure in disorder of consciousness families: An observational study. <i>Brain and Behavior</i> , 2021, 11, e2305. DOI: 10.1093/brain/bnab218	1.0	2
60	Quality of life in chronic pain treated through pulsed radiofrequency therapy. <i>Medicine (United Kingdom)</i> , 2021, 100, 1-4. DOI: 10.7843/1433-1746.2021.100.1-4	0.4	1
61	Neuropsychological Disability in the Case of Natalizumab-Related Progressive Multifocal Leukoencephalopathy. <i>Medicina (Lithuania)</i> , 2022, 58, 551. DOI: 10.1016/j.medic.2022.05.005	0.8	1
62	Refeeding syndrome in a woman with pancreatitis: a case report. <i>Journal of International Medical Research</i> , 2021, 49, 030006052098667. DOI: 10.1177/030006052098667	0.4	0
63	Is the natural feed the better nutritional therapy in patients with severe acquired brain injury? A retrospective study. <i>Clinical Nutrition Open Science</i> , 2021, 38, 24-32. DOI: 10.1016/j.cnos.2021.03.002	0.5	0
64	Filtering with alignment free distances for high throughput DNA reads assembly. <i>EMBnet Journal</i> , 2012, 18, 23. DOI: 10.1007/s10420-012-9123-1	0.2	0
65	Neuropsychological implication in possible antibody-negative limbic encephalitis: a clinical case report. <i>Journal of International Medical Research</i> , 2022, 50, 030006052210787. DOI: 10.1177/030006052210787	0.4	0