## Rocco Salvatore Calabro

List of Publications by Year in descending order

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408 papers

7,184 citations

39 h-index 128286 60 g-index

414 all docs

414 docs citations

times ranked

414

7198 citing authors

#	Article	IF	Citations
1	Effects of robot-assisted upper limb rehabilitation in stroke patients: a systematic review with meta-analysis. Neurological Sciences, 2017, 38, 1561-1569.	1.9	241
2	Robotic gait rehabilitation and substitution devices in neurological disorders: where are we now?. Neurological Sciences, 2016, 37, 503-514.	1.9	171
3	The role of virtual reality in improving motor performance as revealed by EEG: a randomized clinical trial. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 53.	4.6	163
4	What does best evidence tell us about robotic gait rehabilitation in stroke patients: A systematic review and meta-analysis. Journal of Clinical Neuroscience, 2018, 48, 11-17.	1.5	162
5	Virtual reality in multiple sclerosis rehabilitation: A review on cognitive and motor outcomes.  Journal of Clinical Neuroscience, 2019, 65, 106-111.	1.5	136
6	Virtual Reality and Cognitive Rehabilitation in People With Stroke: An Overview. Journal of Neuroscience Nursing, 2019, 51, 101-105.	1.1	130
7	Shaping neuroplasticity by using powered exoskeletons in patients with stroke: a randomized clinical trial. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 35.	4.6	108
8	Robotic gait training in multiple sclerosis rehabilitation: Can virtual reality make the difference? Findings from a randomized controlled trial. Journal of the Neurological Sciences, 2017, 377, 25-30.	0.6	93
9	The Growing Use of Virtual Reality in Cognitive Rehabilitation: Fact, Fake or Vision? A Scoping Review. Journal of the National Medical Association, 2019, 111, 457-463.	0.8	92
10	Neuroanatomy and function of human sexual behavior: A neglected or unknown issue?. Brain and Behavior, 2019, 9, e01389.	2.2	91
11	Predictors of Long-Term Recurrent Vascular Events After Ischemic Stroke at Young Age. Circulation, 2014, 129, 1668-1676.	1.6	90
12	Cognitive rehabilitation in patients with traumatic brain injury: A narrative review on the emerging use of virtual reality. Journal of Clinical Neuroscience, 2019, 61, 1-4.	1.5	89
13	What About the Role of Virtual Reality in Parkinson Disease's Cognitive Rehabilitation? Preliminary Findings From a Randomized Clinical Trial. Journal of Geriatric Psychiatry and Neurology, 2018, 31, 312-318.	2.3	75
14	Heavy Metals and Neurodegenerative Diseases: An Observational Study. Biological Trace Element Research, 2014, 161, 151-160.	3.5	72
15	Effects of virtual reality-based training with BTs-Nirvana on functional recovery in stroke patients: preliminary considerations. International Journal of Neuroscience, 2018, 128, 791-796.	1.6	72
16	Association Between Migraine and Cervical Artery Dissection. JAMA Neurology, 2017, 74, 512.	9.0	71
17	A Single Session of Repetitive Transcranial Magnetic Stimulation Over the Dorsolateral Prefrontal Cortex in Patients With Unresponsive Wakefulness Syndrome. Neurorehabilitation and Neural Repair, 2015, 29, 603-613.	2.9	68
18	Breakthroughs in the spasticity management: Are non-pharmacological treatments the future?. Journal of Clinical Neuroscience, 2017, 39, 16-27.	1.5	66

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19	Walking to your right music: a randomized controlled trial on the novel use of treadmill plus music in Parkinson's disease. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 68.	4.6	66
20	Obsessive-compulsive disorder: A "sensory-motor―problem?. International Journal of Psychophysiology, 2014, 92, 74-78.	1.0	65
21	Improving Cognitive Function in Patients with Stroke: Can Computerized Training Be the Future?. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 1055-1060.	1.6	64
22	Predictors of Migraine Subtypes in Young Adults With Ischemic Stroke. Stroke, 2011, 42, 17-21.	2.0	59
23	Effects of cerebellar transcranial alternating current stimulation on motor cortex excitability and motor function. Brain Structure and Function, 2017, 222, 2891-2906.	2.3	59
24	Does Transcranial Alternating Current Stimulation Induce Cerebellum Plasticity? Feasibility, Safety and Efficacy of a Novel Electrophysiological Approach. Brain Stimulation, 2016, 9, 388-395.	1.6	58
25	Sexual and reproductive dysfunction associated with antiepileptic drug use in men with epilepsy. Expert Review of Neurotherapeutics, 2011, 11, 887-895.	2.8	57
26	Tele-Neuro-Rehabilitation in Italy: State of the Art and Future Perspectives. Frontiers in Neurology, 2020, 11, 563375.	2.4	55
27	Is two better than one? Muscle vibration plus robotic rehabilitation to improve upper limb spasticity and function: A pilot randomized controlled trial. PLoS ONE, 2017, 12, e0185936.	2.5	52
28	Effects on mobility training and de-adaptations in subjects with Spinal Cord Injury due to a Wearable Robot: a preliminary report. BMC Neurology, 2016, 16, 12.	1.8	49
29	Cortical connectivity modulation induced by cerebellar oscillatory transcranial direct current stimulation in patients with chronic disorders of consciousness: A marker of covert cognition?. Clinical Neurophysiology, 2016, 127, 1845-1854.	1.5	48
30	Neuropsychiatric symptoms in dementia may predict caregiver burden: a Sicilian exploratory study. Psychogeriatrics, 2017, 17, 103-107.	1.2	48
31	Using telerehabilitation to improve cognitive function in post-stroke survivors: is this the time for the continuity of care?. International Journal of Rehabilitation Research, 2019, 42, 344-351.	1.3	47
32	Pharmacotherapy for Disorders of Consciousness: Are â€~Awakening' Drugs Really a Possibility?. Drugs, 2013, 73, 1849-1862.	10.9	46
33	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
34	Evaluating Sativex $<$ sup $>$ $\hat{A}^{\otimes}$ $<$ $/$ sup $>$ in Neuropathic Pain Management: A Clinical and Neurophysiological Assessment in Multiple Sclerosis. Pain Medicine, 2016, 17, pnv080.	1.9	46
35	Tele-health-care in the elderly living in nursing home: the first Sicilian multimodal approach. Aging Clinical and Experimental Research, 2016, 28, 753-759.	2.9	46
36	Cognitive rehabilitation after severe acquired brain injury: current evidence and future directions. Neuropsychological Rehabilitation, 2018, 28, 879-898.	1.6	45

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37	Does hand robotic rehabilitation improve motor function by rebalancing interhemispheric connectivity after chronic stroke? Encouraging data from a randomised-clinical-trial. Clinical Neurophysiology, 2019, 130, 767-780.	1.5	44
38	Can robotic gait rehabilitation plus Virtual Reality affect cognitive and behavioural outcomes in patients with chronic stroke? A randomized controlled trial involving three different protocols. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104994.	1.6	44
39	Who May Benefit From Armeo Power Treatment? A Neurophysiological Approach to Predict Neurorehabilitation Outcomes. PM and R, 2016, 8, 971-978.	1.6	43
40	Timing for cranioplasty to improve neurological outcome: A systematic review. Brain and Behavior, 2018, 8, e01106.	2.2	43
41	Sexual dysfunction in male patients with multiple sclerosis: a need for counseling!. International Journal of Neuroscience, 2014, 124, 547-557.	1.6	41
42	Neural correlates of consciousness: what we know and what we have to learn!. Neurological Sciences, 2015, 36, 505-513.	1.9	41
43	Improving Cognitive Function after Traumatic Brain Injury: A Clinical Trial on the Potential Use of the Semi-Immersive Virtual Reality. Behavioural Neurology, 2019, 2019, 1-7.	2.1	41
44	Can transcranial direct current stimulation be useful in differentiating unresponsive wakefulness syndrome from minimally conscious state patients?. Restorative Neurology and Neuroscience, 2015, 33, 159-176.	0.7	40
45	Transcranial Alternating Current Stimulation in Patients with Chronic Disorder of Consciousness: A Possible Way to Cut the Diagnostic Gordian Knot?. Brain Topography, 2016, 29, 623-644.	1.8	39
46	Robotic-assisted gait rehabilitation following stroke: a systematic review of current guidelines and practical clinical recommendations. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 460-471.	2.2	39
47	Misdiagnosed Chronic Pelvic Pain: Pudendal Neuralgia Responding to a Novel Use of Palmitoylethanolamide: Table 1. Pain Medicine, 2010, 11, 781-784.	1.9	38
48	Robotic neurorehabilitation in patients with chronic stroke. International Journal of Rehabilitation Research, 2015, 38, 219-225.	1.3	38
49	Shedding new light on disorders of consciousness diagnosis: The dynamic functional connectivity. Cortex, 2018, 103, 316-328.	2.4	38
50	Topiramate-induced erectile dysfunction. Epilepsy and Behavior, 2009, 14, 560-561.	1.7	37
51	Male Sexual Disorders Following Stroke: An Overview. International Journal of Neuroscience, 2011, 121, 598-604.	1.6	37
52	Moving towards novel multidisciplinary approaches for improving elderly quality of life: The emerging role of telemedicine in Sicily. Journal of Telemedicine and Telecare, 2019, 25, 318-324.	2.7	37
53	Red nucleus connectivity as revealed by constrained spherical deconvolution tractography. Neuroscience Letters, 2016, 626, 68-73.	2.1	36
54	Telemedicine for Facio-Scapulo-Humeral Muscular Dystrophy: A multidisciplinary approach to improve quality of life and reduce hospitalization rate?. Disability and Health Journal, 2018, 11, 306-309.	2.8	36

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55	Toward Improving Poststroke Aphasia: A Pilot Study on the Growing Use of Telerehabilitation for the Continuity of Care. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 104303.	1.6	36
56	Effects of robotic neurorehabilitation through lokomat plus virtual reality on cognitive function in patients with traumatic brain injury: A retrospective case-control study. International Journal of Neuroscience, 2020, 130, 117-123.	1.6	36
57	Teleassistance for frail elderly people: A usability and customer satisfaction study. Geriatric Nursing, 2020, 41, 463-467.	1.9	36
58	Functional Brain Network Topology Discriminates between Patients with Minimally Conscious State and Unresponsive Wakefulness Syndrome. Journal of Clinical Medicine, 2019, 8, 306.	2.4	35
59	Gait Recovery with an Overground Powered Exoskeleton: A Randomized Controlled Trial on Subacute Stroke Subjects. Brain Sciences, 2021, 11, 104.	2.3	35
60	Does lacosamide aggravate Lennox–Gastaut syndrome? Report on three consecutive cases. Epilepsy and Behavior, 2010, 19, 650-651.	1.7	34
61	Single tonic–clonic seizure after energy drink abuse. Epilepsy and Behavior, 2012, 23, 384-385.	1.7	34
62	Serum cholesterol levels, HMG-CoA reductase inhibitors and the risk of intracerebral haemorrhage. The Multicenter Study on Cerebral Haemorrhage in Italy (MUCH-Italy). Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 924-929.	1.9	33
63	The role of robotic gait training coupled with virtual reality in boosting the rehabilitative outcomes in patients with multiple sclerosis. International Journal of Rehabilitation Research, 2018, 41, 166-172.	1.3	33
64	Mapping the structural connectivity between the periaqueductal gray and the cerebellum in humans. Brain Structure and Function, 2019, 224, 2153-2165.	2.3	33
65	Patients' perspective and usability of innovation technology in a new rehabilitation pathway: An exploratory study in patients with multiple sclerosis. Multiple Sclerosis and Related Disorders, 2020, 44, 102312.	2.0	33
66	Innovative use of virtual reality in autism spectrum disorder: A case-study. Applied Neuropsychology: Child, 2021, 10, 90-100.	1.4	33
67	Do post-stroke patients benefit from robotic verticalization? A pilot-study focusing onÂaÂnovel neurophysiological approach. Restorative Neurology and Neuroscience, 2015, 33, 671-681.	0.7	32
68	Sativex in the Management of Multiple Sclerosis-Related Spasticity: Role of the Corticospinal Modulation. Neural Plasticity, 2015, 2015, 1-6.	2.2	31
69	Non-invasive Brain Stimulation, a Tool to Revert Maladaptive Plasticity in Neuropathic Pain. Frontiers in Human Neuroscience, 2016, 10, 376.	2.0	31
70	Promising Role of Neuromodulation in Predicting the Progression of Mild Cognitive Impairment to Dementia. Journal of Alzheimer's Disease, 2016, 53, 1375-1388.	2.6	31
71	Changes in sexual functioning following traumatic brain injury: An overview on a neglected issue. Journal of Clinical Neuroscience, 2018, 58, 1-6.	1.5	31
72	Self-Efficacy, Poststroke Depression, and Rehabilitation Outcomes: Is There a Correlation?. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 3208-3211.	1.6	31

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73	Training for mobility with exoskeleton robot in spinal cord injury patients: a pilot study. European Journal of Physical and Rehabilitation Medicine, 2018, 54, 745-751.	2.2	31
74	Use of virtual reality in improving poststroke neglect: Promising neuropsychological and neurophysiological findings from a case study. Applied Neuropsychology Adult, 2019, 26, 96-100.	1.2	31
75	Is hydrokinesitherapy effective on gait and balance in patients with stroke? A clinical and baropodometric investigation. Brain Injury, 2014, 28, 1109-1114.	1.2	30
76	Robotic-assisted gait training in Parkinson's disease: a three-month follow-up randomized clinical trial. International Journal of Neuroscience, 2017, 127, 996-1004.	1.6	29
77	Early vs late cranioplasty: what is better?. International Journal of Neuroscience, 2017, 127, 688-693.	1.6	28
78	Do patients with multiple sclerosis benefit from semi-immersive virtual reality? A randomized clinical trial on cognitive and motor outcomes. Applied Neuropsychology Adult, 2022, 29, 59-65.	1.2	28
79	The five â€~W' of cognitive telerehabilitation in the Covid-19 era. Expert Review of Medical Devices, 2020, 17, 473-475.	2.8	28
80	Towards a method to differentiate chronic disorder of consciousness patients' awareness: The Low-Resolution Brain Electromagnetic Tomography Analysis. Journal of the Neurological Sciences, 2016, 368, 178-183.	0.6	27
81	Inappropriate behaviors and hypersexuality in individuals with dementia: An overview of a neglected issue. Geriatrics and Gerontology International, 2017, 17, 865-874.	1.5	27
82	Cognitive recovery in people with relapsing/remitting multiple sclerosis: A randomized clinical trial on virtual reality-based neurorehabilitation. Clinical Neurology and Neurosurgery, 2021, 208, 106828.	1.4	27
83	Moving Toward Conscious Pain Processing Detection in Chronic Disorders of Consciousness: Anterior Cingulate Cortex Neuromodulation. Journal of Pain, 2015, 16, 1022-1031.	1.4	26
84	Tele-health services for the elderly: A novel southern Italy family needs-oriented model. Journal of Telemedicine and Telecare, 2016, 22, 356-362.	2.7	26
85	A novel use of virtual reality in the treatment of cognitive and motor deficit in spinal cord injury. Medicine (United States), 2018, 97, e13559.	1.0	26
86	Cognitive rehabilitation using immersive virtual reality at young age: A case report on traumatic brain injury. Applied Neuropsychology: Child, 2020, 9, 282-287.	1.4	26
87	Levetiracetam-associated loss of libido and anhedonia. Epilepsy and Behavior, 2012, 24, 283-284.	1.7	25
88	Could autonomic system assessment be helpful in disorders of consciousness diagnosis? A neurophysiological study. Experimental Brain Research, 2016, 234, 2189-2199.	1.5	25
89	Usefulness of robotic gait training plus neuromodulation in chronic spinal cord injury: a case report. Journal of Spinal Cord Medicine, 2017, 40, 118-121.	1.4	25
90	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.	2.2	25

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91	Sexual Function in Young Individuals With Multiple Sclerosis: Does Disability Matter?. Journal of Neuroscience Nursing, 2018, 50, 161-166.	1.1	25
92	Impulse control disorders in Parkinson's disease: A systematic review on risk factors and pathophysiology. Journal of the Neurological Sciences, 2019, 398, 101-106.	0.6	25
93	Does body shadow improve the efficacy of virtual reality-based training with BTS NIRVANA?. Medicine (United States), 2017, 96, e8096.	1.0	24
94	Improving post-stroke cognitive and behavioral abnormalities by using virtual reality: A case report on a novel use of nirvana. Applied Neuropsychology Adult, 2018, 25, 581-585.	1.2	24
95	Sexual Dysfunction in Parkinson Disease: A Multicenter Italian Cross-sectional Study on a Still Overlooked Problem. Journal of Sexual Medicine, 2020, 17, 1914-1925.	0.6	24
96	Anorgasmia during pregabalin addâ€on therapy for partial seizures. Epileptic Disorders, 2013, 15, 358-361.	1.3	23
97	Telerehabilitation in individuals with severe acquired brain injury. Medicine (United States), 2018, 97, e13292.	1.0	23
98	Dose-dependent oxcarbazepine-related anorgasmia. Epilepsy and Behavior, 2010, 17, 287-288.	1.7	22
99	Pain perception in patients with chronic disorders of consciousness: What can limbic system tell us?. Clinical Neurophysiology, 2017, 128, 454-462.	1.5	22
100	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.	0.9	22
101	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.	1.5	22
102	Sexual disorders related to new antiepileptic drugs: A need for more studies!. Epilepsy and Behavior, 2011, 20, 734-735.	1.7	21
103	Post-stroke sexual dysfunction: an overlooked and under-addressed problem. Disability and Rehabilitation, 2014, 36, 263-264.	1.8	21
104	Repetitive transcranial magnetic stimulation induced slow wave activity modification: A possible role in disorder of consciousness differential diagnosis?. Consciousness and Cognition, 2015, 38, 1-8.	1.5	21
105	What Do We Know About the Influence of the Cerebellum on Walking Ability? Promising Findings from Transcranial Alternating Current Stimulation. Cerebellum, 2017, 16, 859-867.	2.5	21
106	Translational effects of robot-mediated therapy in subacute stroke patients: an experimental evaluation of upper limb motor recovery. PeerJ, 2018, 6, e5544.	2.0	21
107	Can robot-assisted movement training (Lokomat) improve functional recovery and psychological well-being in chronic stroke? Promising findings from a case study. Functional Neurology, 2014, 29, 139-41.	1.3	21
108	Lokomat training in vascular dementia: motor improvement and beyond!. Aging Clinical and Experimental Research, 2015, 27, 935-937.	2.9	20

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109	Transient awakening from vegetative state: Is highâ€dose zolpidem more effective?. Psychiatry and Clinical Neurosciences, 2015, 69, 122-123.	1.8	20
110	Cognitive training for patients with dementia living in a sicilian nursing home: a novel web-based approach. Neurological Sciences, 2016, 37, 1685-1691.	1.9	20
111	Could combined sleep and pain evaluation be useful in the diagnosis of disorders of consciousness (DOC)? Preliminary findings. Brain Injury, 2016, 30, 159-163.	1.2	20
112	Spasticity Management: The Current State of Transcranial Neuromodulation. PM and R, 2017, 9, 1020-1029.	1.6	20
113	Anticoagulants Resumption after Warfarin-Related Intracerebral Haemorrhage: The Multicenter Study on Cerebral Hemorrhage in Italy (MUCH-Italy). Thrombosis and Haemostasis, 2018, 118, 572-580.	3.4	20
114	The role of music therapy in rehabilitation: improving aphasia and beyond. International Journal of Neuroscience, 2018, 128, 90-99.	1.6	20
115	Alcohol intake and the risk of intracerebral hemorrhage in the elderly. Neurology, 2018, 91, e227-e235.	1.1	20
116	The role of robotic gait training and tDCS in Friedrich ataxia rehabilitation. Medicine (United States), 2019, 98, e14447.	1.0	20
117	Improving motor performance in Parkinson's disease: a preliminary study on the promising use of the computer assisted virtual reality environment (CAREN). Neurological Sciences, 2020, 41, 933-941.	1.9	20
118	Multiplex and Multilayer Network EEG Analyses: A Novel Strategy in the Differential Diagnosis of Patients with Chronic Disorders of Consciousness. International Journal of Neural Systems, 2021, 31, 2050052.	5.2	20
119	Pregabalin-induced severe delayed ejaculation. Epilepsy and Behavior, 2010, 19, 543.	1.7	19
120	Fahr's Disease Presenting with Dementia at Onset: A Case Report and Literature Review. Behavioural Neurology, 2014, 2014, 1-3.	2.1	19
121	How personality traits affect functional outcomes in patients with multiple sclerosis: A scoping review on a poorly understood topic. Multiple Sclerosis and Related Disorders, 2020, 46, 102560.	2.0	19
122	Clinical Features of Patients With Cervical Artery Dissection and Fibromuscular Dysplasia. Stroke, 2021, 52, 821-829.	2.0	19
123	Virtual Reality Based Cognitive Rehabilitation in Minimally Conscious State: A Case Report with EEG Findings and Systematic Literature Review. Brain Sciences, 2020, 10, 414.	2.3	18
124	An integrative cognitive rehabilitation using neurologic music therapy in multiple sclerosis. Medicine (United States), 2020, 99, e18866.	1.0	18
125	Improvement of brain functional connectivity in autism spectrum disorder: an exploratory study on the potential use of virtual reality. Journal of Neural Transmission, 2021, 128, 371-380.	2.8	18
126	Diagnostic criteria for enduring sexual dysfunction after treatment with antidepressants, finasteride and isotretinoin. International Journal of Risk and Safety in Medicine, 2022, 33, 65-76.	0.6	18

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127	How the COVID-19 Pandemic is Changing Mental Health Disease Management: The Growing Need of Telecounseling in Italy. Innovations in Clinical Neuroscience, 2020, 17, 16-17.	0.1	18
128	Prevalence and clinical features of sexual dysfunction in male with epilepsy: the first southern italy hospital-based study. International Journal of Neuroscience, 2013, 123, 732-737.	1.6	17
129	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.	0.6	17
130	Do you see me? The role of visual fixation in chronic disorders of consciousness differential diagnosis. Brain Research, 2016, 1653, 59-66.	2.2	17
131	Do unresponsive wakefulness syndrome patients feel pain? Role of laser-evoked potential-induced gamma-band oscillations in detecting cortical pain processing. Neuroscience, 2016, 317, 141-148.	2.3	17
132	How far can we go in chronic disorders of consciousness differential diagnosis? The use of neuromodulation in detecting internal and external awareness. Neuroscience, 2017, 349, 165-173.	2.3	16
133	Idiopathic familial trigeminal neuralgia: a case report. Neurological Sciences, 2007, 28, 196-198.	1.9	15
134	Status cataplecticus misdiagnosed as recurrent syncope. Neurological Sciences, 2007, 28, 336-338.	1.9	15
135	Current & Future Therapies of Erectile Dysfunction in Neurological Disorders. Recent Patents on CNS Drug Discovery, 2011, 6, 48-64.	0.9	15
136	Neurogenic Ejaculatory Disorders: Focus on Current and Future Treatments. Recent Patents on CNS Drug Discovery, 2011, 6, 205-221.	0.9	15
137	Shaping Thalamo-cortical Plasticity: A Marker of Cortical Pain Integration in Patients With Post-anoxic Unresponsive Wakefulness Syndrome?. Brain Stimulation, 2015, 8, 97-104.	1.6	15
138	Sexual dysfunction in patients with epilepsy: Disentangling the pathogenic mechanisms!. Epilepsy and Behavior, 2016, 64, 294.	1.7	15
139	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.	1.6	15
140	Theta burst stimulation for the treatment of obsessive–compulsive disorder: aÂpilot study. Journal of Neural Transmission, 2019, 126, 1667-1677.	2.8	15
141	Improving neuropsychiatric symptoms following stroke using virtual reality. Medicine (United) Tj ETQq1 1 0.78431	1.6gBT /	Overlock 10 1
142	Do patients with PD benefit from music assisted therapy plus treadmill-based gait training? An exploratory study focused on behavioral outcomes. International Journal of Neuroscience, 2020, 130, 933-940.	1.6	15
143	Can patients with severe traumatic brain injury be trained with cognitive telerehabilitation? An inpatient feasibility and usability study. Journal of Clinical Neuroscience, 2020, 79, 246-250.	1.5	15
144	Effects of Robotic Neurorehabilitation on Body Representation in Individuals with Stroke: A Preliminary Study Focusing on an EEG-Based Approach. Brain Topography, 2021, 34, 348-362.	1.8	15

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145	Elman neural network for the early identification of cognitive impairment in Alzheimer's disease. Functional Neurology, 2014, 29, 57-65.	1.3	15
146	Effect of cranioplasty on functional and neuro - psychological recovery after severe acquired brain injury: fact or fake? Considerations on a single case. Functional Neurology, 2014, 29, 273-5.	1.3	15
147	WHEN "CURE" BECOMES "CARE" IN ROBOTIC NEUROREHABILITATION: The Critical Role of Nurses in a Novel Sicilian Multidisciplinary Approach. Innovations in Clinical Neuroscience, 2018, 15, 11.	0.1	15
148	Postthalamic Stroke Dystonic Choreoathetosis Responsive to Tetrabenazine. Annals of Pharmacotherapy, 2011, 45, 1588-1588.	1.9	14
149	Compulsive Masturbation and Chronic Penile Lymphedema. Archives of Sexual Behavior, 2012, 41, 737-739.	1.9	14
150	Cortical Responsiveness to Nociceptive Stimuli in Patients with Chronic Disorders of Consciousness: Do C-Fiber Laser Evoked Potentials Have a Role?. PLoS ONE, 2015, 10, e0144713.	2.5	14
151	Audiomotor Integration in Minimally Conscious State: Proof of Concept!. Neural Plasticity, 2015, 2015, 1-12.	2.2	14
152	PEALut efficacy in mild cognitive impairment: evidence from a SPECT case study!. Aging Clinical and Experimental Research, 2016, 28, 1279-1282.	2.9	14
153	Telemedicine in neurology: where are we going?. European Journal of Neurology, 2018, 25, e6.	3.3	14
154	Personal computer-based cognitive training in Parkinson's disease: a case study. Psychogeriatrics, 2018, 18, 427-429.	1.2	14
155	What does evidence tell us about the use of gait robotic devices in patients with multiple sclerosis? A comprehensive systematic review on functional outcomes and clinical recommendations. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 841-849.	2.2	14
156	Recurrent occipital seizures misdiagnosed as status migrainosus. Epileptic Disorders, 2011, 13, 197-201.	1.3	13
157	Visuo-motor integration in unresponsive wakefulness syndrome: A piece of the puzzle towards consciousness detection?. Restorative Neurology and Neuroscience, 2015, 33, 447-460.	0.7	13
158	Propensity Score–Based Analysis of Percutaneous Closure Versus Medical Therapy in Patients With Cryptogenic Stroke and Patent Foramen Ovale. Circulation: Cardiovascular Interventions, 2016, 9, .	3.9	13
159	Brain functional connectivity in chronic tic disorders and Gilles de la Tourette syndrome. Progress in Neurobiology, 2020, 194, 101884.	5.7	13
160	Can volcanic trace elements facilitate Covid-19 diffusion? A hypothesis stemming from the Mount Etna area, Sicily. Medical Hypotheses, 2020, 144, 110058.	1.5	13
161	Hippotherapy in neurodevelopmental disorders: a narrative review focusing on cognitive and behavioral outcomes. Applied Neuropsychology: Child, 2020, , 1-8.	1.4	13
162	Is High Oral Dose L-arginine Intake Effective in Leukoaraiosis? Preliminary Data, Study Protocol and Expert's Opinion. Current Aging Science, 2013, 6, 170-177.	1,2	13

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163	A Local Signature of LTP-Like Plasticity Induced by Repetitive Paired Associative Stimulation. Brain Topography, 2015, 28, 238-249.	1.8	12
164	Sexual dysfunction induced by lacosamide: An underreported side effect?. Epilepsy and Behavior, 2015, 46, 252-253.	1.7	12
165	Lamotrigine-induced persistent genital arousal disorder: An unusual side effect. Epilepsy and Behavior, 2017, 68, 234-235.	1.7	12
166	Toward a more personalized motor function rehabilitation in Myotonic dystrophy type 1: The role of neuroplasticity. PLoS ONE, 2017, 12, e0178470.	<b>2.</b> 5	12
167	Computer assisted cognitive rehabilitation improves visuospatial and executive functions in Parkinson's disease: Preliminary results. NeuroRehabilitation, 2019, 45, 285-290.	1.3	12
168	Innovation technology in neurorehabilitation: introducing a hub and spoke model to avoid patient "migration―in Sicily. Journal of Health Organization and Management, 2020, 34, 207-214.	1.3	12
169	Understanding the role of social cognition in neurodegenerative Disease: A scoping review on an overlooked problem. Journal of Clinical Neuroscience, 2020, 77, 17-24.	1.5	12
170	Robotic Rehabilitation in Spinal Cord Injury: A Pilot Study on End-Effectors and Neurophysiological Outcomes. Annals of Biomedical Engineering, 2021, 49, 732-745.	<b>2.</b> 5	12
171	Improving cognitive functions in adolescents with learning difficulties: A feasibility study on the potential use of telerehabilitation during Covidâ€19 pandemic in Italy. Journal of Adolescence, 2021, 89, 194-202.	2.4	12
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