Neuroplasticity in the context of motor rehabilitation a

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Citation Report

#	Article	IF	CITATIONS
2	The neural basis of aphasia rehabilitation: Evidence from neuroimaging and neurostimulation. Neuropsychological Rehabilitation, 2011, 21, 742-754.	1.0	22
3	Modulation of Event-related Desynchronization duringMotor Imagery with Transcranial Direct Current Stimulationin a Patient with Severe Hemiparetic Stroke: A Case Report. Keio Journal of Medicine, 2011, 60, 114-118.	0.5	13
4	Old dogs learning new tricks: Neuroplasticity beyond the juvenile period. Developmental Review, 2011, 31, 207-239.	2.6	49
5	Brain-Computer Interface in Stroke: A Review of Progress. Clinical EEG and Neuroscience, 2011, 42, 245-252.	0.9	196
6	Participant perceptions of use of CyWee Z as adjunct to rehabilitation of upper-limb function following stroke. Journal of Rehabilitation Research and Development, 2012, 49, 623.	1.6	11
7	Modulation of Neural Plasticity as a Basis for Stroke Rehabilitation. Stroke, 2012, 43, 2819-2828.	1.0	220
8	Walking Speed in Stroke Survivors. Topics in Geriatric Rehabilitation, 2012, 28, 113-121.	0.2	15
9	The brain as a flexible task machine. Current Opinion in Neurology, 2012, 25, 86-95.	1.8	71
11	Parietofrontal integrity determines neural modulation associated with grasping imagery after stroke. Brain, 2012, 135, 596-614.	3.7	131
12	Outcome After Mobilization Within 24 Hours of Acute Stroke. Stroke, 2012, 43, 2389-2394.	1.0	92
13	Motor imagery after stroke: where next?. Imaging in Medicine, 2012, 4, 129-136.	0.0	5
14	Effects of gait-related imagery and mirror visual feedback on cortical activation during robot-assisted gait training. , 2012, , .		1
15	A robotic interface to train grip strength, grip coordination and finger extension following stroke. , 2012, 2012, 3903-6.		5
16	White Matter Microstructural Correlates of Superior Long-term Skill Gained Implicitly under Randomized Practice. Cerebral Cortex, 2012, 22, 1671-1677.	1.6	38
17	Monitoring Brain Repair in Stroke Using Advanced Magnetic Resonance Imaging. Stroke, 2012, 43, 3124-3131.	1.0	18
18	The pharmacology of neuroplasticity induced by nonâ€invasive brain stimulation: building models for the clinical use of CNS active drugs. Journal of Physiology, 2012, 590, 4641-4662.	1.3	157
19	Mechanisms of functional recovery after stroke: Insights from imaging. Pratique Neurologique - FMC, 2012, 3, 160-166.	0.1	0
20	EEG-based Brain-Computer Interface to support post-stroke motor rehabilitation of the upper limb. , 2012, 2012, 4112-5.		76

#	Article	IF	Citations
21	Inter-hemispheric coupling changes associate with motor improvements after robotic stroke rehabilitation. Restorative Neurology and Neuroscience, 2012, 30, 497-510.	0.4	90
22	Rehabilitation for Children After Acquired Brain Injury: CurrentÂand Emerging Approaches. Pediatric Neurology, 2012, 46, 339-344.	1.0	44
23	Nuclear Medicine in Cerebrovascular Disease. Seminars in Nuclear Medicine, 2012, 42, 387-405.	2.5	21
24	Brain Computer Interface for Hand Motor Function Restoration and Rehabilitation. Biological and Medical Physics Series, 2012, , 131-153.	0.3	14
25	Neuroplasticity may play a role in interâ€individual difference among neuropsychiatric disease treatment efficacy. Developmental Psychobiology, 2012, 54, 369-371.	0.9	6
26	Promoting brain remodelling and plasticity for stroke recovery: therapeutic promise and potential pitfalls of clinical translation. Lancet Neurology, The, 2012, 11, 369-380.	4.9	292
27	Radical Orthodoxy. , 2013, , 1943-1947.		0
28	Personalized Neuroprosthetics. Science Translational Medicine, 2013, 5, 210rv2.	5.8	141
29	Bipedal locomotion modeled as the central pattern generator (CPG) and regulated by self organizing map for model of cortex. , 2013, , .		2
30	Noninvasive brain stimulation in neurorehabilitation. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 116, 499-524.	1.0	69
31	Towards Practical Brain-Computer Interfaces. Biological and Medical Physics Series, 2013, , .	0.3	40
32	Distinguishable neurofunctional effects of task practice and item practice in picture naming: A BOLD fMRI study in healthy subjects. Brain and Language, 2013, 126, 302-313.	0.8	19
33	Compensatory Contribution of the Contralateral Pyramidal Tract after Stroke. Frontiers of Neurology and Neuroscience, 2013, 32, 45-53.	3.0	5
34	Involuntary contralateral upper extremity muscle activation pattern during unilateral pinch grip following stroke. Journal of Hand Therapy, 2013, 26, 272-278.	0.7	11
35	Brain–Computer Interfaces. , 2013, , 87-151.		78
36	Rehabilitation is Initiated Early After Stroke, but Most Motor Rehabilitation Trials Are Not. Stroke, 2013, 44, 2039-2045.	1.0	95
37	Brain-computer interface in chronic stroke: An application of sensorimotor closed-loop and contingent force feedback. , 2013, , .		6
38	A rehabilitation device to improve the hand grasp function of stroke patients using a patient-driven approach. , 2013, 2013, 6650482.		11

	CITATION	Report	
#	Article	IF	Citations
39	Modulating the Motor System by Action Observation After Stroke. Stroke, 2013, 44, 2247-2253.	1.0	67
40	Time course of recovery following poor-grade SAH: the incidence of delayed improvement and implications for SAH outcome study design. Journal of Neurosurgery, 2013, 119, 606-612.	0.9	53
41	Upper Limb Robot-Assisted Therapy in Chronic and Subacute Stroke Patients. American Journal of Physical Medicine and Rehabilitation, 2013, 92, e26-e37.	0.7	38
42	Exercise Therapy Downregulates the Overexpression of TLR4, TLR2, MyD88 and NF-κB after Cerebral Ischemia in Rats. International Journal of Molecular Sciences, 2013, 14, 3718-3733.	1.8	56
43	Neurophysiology of Robot-Mediated Training and Therapy: A Perspective for Future Use in Clinical Populations. Frontiers in Neurology, 2013, 4, 184.	1.1	82
44	A pre-clinical framework for neural control of a therapeutic upper-limb exoskeleton. , 2013, , 1159-1162.		8
45	An application of Brain Computer Interface in chronic stroke to improve arm reaching function exploiting operant learning strategy and brain plasticity. , 2013, , .		0
46	Effects of upper limb robot-assisted therapy on motor recovery of subacute stroke patients: A kinematic approach. , 2013, 2013, 6650503.		5
47	Decoding continuous limb movements from high-density epidural electrode arrays using custom spatial filters. Journal of Neural Engineering, 2013, 10, 036015.	1.8	32
48	Effects of Treadmill Training on Limb Motor Function and Acetylcholinesterase Activity in Rats with Stroke. Journal of Physical Therapy Science, 2013, 25, 1227-1230.	0.2	14
49	Current Developments in Automatic Drug Delivery in Anesthesia. Biomedizinische Technik, 2013, 58 Suppl 1, .	0.9	2
50	Kinematic and Neurophysiological Consequences of an Assisted-Force-Feedback Brain-Machine Interface Training: A Case Study. Frontiers in Neurology, 2013, 4, 173.	1.1	7
51	Non-immersive Virtual Reality for Fine Motor Rehabilitation of Functional Activities in Individuals with Chronic Stroke: A Review. Journal of Aging Science, 2013, 01, .	0.5	1
52	Cortical Activation Patterns of Cue-Paced Foot Movement in Subacute Stroke Patients. Biomedizinische Technik, 2013, 58 Suppl 1, .	0.9	2
53	Patterned Brain Stimulation, What a Framework with Rhythmic and Noisy Components Might Tell Us about Recovery Maximization. Frontiers in Human Neuroscience, 2013, 7, 325.	1.0	18
54	Effects of Healthy Ageing on Activation Pattern within the Primary Motor Cortex during Movement and Motor Imagery: An fMRI Study. PLoS ONE, 2014, 9, e88443.	1.1	19
55	Brain-computer interface-based robotic end effector system for wrist and hand rehabilitation: results of a three-armed randomized controlled trial for chronic stroke. Frontiers in Neuroengineering, 2014, 7, 30.	4.8	252
56	Music-supported motor training after stroke reveals no superiority of synchronization in group therapy. Frontiers in Human Neuroscience, 2014, 8, 315.	1.0	20

ARTICLE IF CITATIONS Finding an optimal rehabilitation paradigm after stroke: enhancing fiber growth and training of the 1.0 86 57 brain at the right moment. Frontiers in Human Neuroscience, 2014, 8, 381. Aging and the central nervous system., 2014, , 22-33. An EEG-Based BCI Platform to Improve Arm Reaching Ability of Chronic Stroke Patients by Means of an 59 Operant Learning Training with a Contingent Force Feedback. International Journal of E-Health and 1.4 4 Medical Communications, 2014, 5, 114-134. From bench to bedside: influence of theories of plasticity on human neurorehabilitation., 0,, 240-254. A new descriptor of neuroelectrical activity during BCI-assisted motor imagery-based training in 62 2 stroke patients., 2014, 2014, 1267-9. Changes in functional brain organization and behavioral correlations after rehabilitative therapy 4.8 using a brain-computer interface. Frontiers in Neuroengineering, 2014, 7, 26. Corticospinal Tract Integrity and Lesion Volume Play Different Roles in Chronic Hemiparesis and Its 64 1.4 51 Improvement Through Motor Practice. Neurorehabilitation and Neural Repair, 2014, 28, 335-343. Prevalence of visual problems among stroke survivors in Hong Kong Chinese. Australasian journal of optometry, The, 2014, 97, 433-441. Neuroplasticity in normal and brain injured patients: Potential relevance of ear wiggling locus of 0.8 3 66 control and cortical projections. Medical Hypotheses, 2014, 83, 838-843. Baseline frontostriatal-limbic connectivity predicts reward-based memory formation. Human Brain Mapping, 2014, 35, 5921-5931. Chronic Deep Cerebellar Stimulation Promotes Long-Term Potentiation, Microstructural Plasticity, and Reorganization of Perilesional Cortical Representation in a Rodent Model. Journal of 68 1.7 80 Neuroscience, 2014, 34, 9040-9050. Autologous Bone Marrow Mononuclear Cells in Ischemic Cerebrovascular Accident Paves Way for 0.3 Neurorestoration: A Case Report. Case Reports in Medicine, 2014, 2014, 1-5. Ischemic stroke and repair: current trends in research and tissue engineering treatments. 70 2.2 34 Regenerative Medicine Research, 2014, 2, 3. Tai Chi-based exercise program provided via telerehabilitation compared to home visits in a post-stroke population who have returned home without intensive rehabilitation: study protocol for a randomized, non-inferiority clinical trial. Trials, 2014, 15, 42. Auditory rhythmic cueing in movement rehabilitation: findings and possible mechanisms. 72 83 1.8 Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130402. A neurally inspired robotic control algorithm for gait rehabilitation in hemiplegic stroke patients. , 2014,,. The role of reading on the health and well-being of people with neurological conditions: a systematic 74 1.517 review. Aging and Mental Health, 2014, 18, 731-744. The changeable nervous system: Studies on neuroplasticity in cerebellar cultures. Neuroscience and Biobehavioral Reviews, 2014, 45, 212-232.

#		IF	CITATIONS
π 76	Asynchronous therapy restores motor control by rewiring of the rat corticospinal tract after	6.0	296
70	stroke. Science, 2014, 344, 1250-1255.	6.0	280
77	Non-invasive brain stimulation in neurorehabilitation: local and distant effects for motor recovery. Frontiers in Human Neuroscience, 2014, 8, 378.	1.0	162
78	An exploration of EEG features during recovery following stroke - implications for BCI-mediated neurorehabilitation therapy. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 9.	2.4	49
79	A double-blinded randomised controlled trial exploring the effect of anodal transcranial direct current stimulation and uni-lateral robotÂtherapy for the impaired upper limb inÂsub-acute and chronic stroke. NeuroRehabilitation, 2015, 37, 181-191.	0.5	63
80	Neural Plasticity Across the Lifespan. , 0, , .		2
81	A measurement of motor recovery for motor imagery-based BCI using EEG coherence analysis. , 2015, , .		1
82	Brain Plasticity and Rehabilitation in Stroke Patients. Journal of Nippon Medical School, 2015, 82, 4-13.	0.3	164
83	Nonphysiological factors in navigated TMS studies; Confounding covariates and valid intracortical estimates. Human Brain Mapping, 2015, 36, 40-49.	1.9	59
84	Interhemispheric somatosensory differences in chronic pain reflect abnormality of the <i>Healthy</i> side. Human Brain Mapping, 2015, 36, 508-518.	1.9	67
85	14. An Integrative Framework for Tailoring Virtual Reality Based Motor Rehabilitation After Stroke. , 2015, , 244-261.		0
86	Does A Virtual Reality-Based Dance Training Paradigm Increase Balance Control in Chronic Stroke Survivors? A Preliminary Study. International Journal of Neurorehabilitation, 2015, 02, .	0.1	9
87	Combinations of stroke neurorehabilitation to facilitate motor recovery: perspectives on Hebbian plasticity and homeostatic metaplasticity. Frontiers in Human Neuroscience, 2015, 9, 349.	1.0	52
88	Effects of alternating current stimulation on the healthy and diseased brain. Frontiers in Neuroscience, 2015, 9, 391.	1.4	34
89	Two is More Than One: How to Combine Brain Stimulation Rehabilitative Training for Functional Recovery?. Frontiers in Systems Neuroscience, 2015, 9, 154.	1.2	19
90	Towards Noninvasive Hybrid Brain–Computer Interfaces: Framework, Practice, Clinical Application, and Beyond. Proceedings of the IEEE, 2015, 103, 926-943.	16.4	133
91	Brain–computer interface boosts motor imagery practice during stroke recovery. Annals of Neurology, 2015, 77, 851-865.	2.8	452
92	Brain–Computer Interface for Neurorehabilitation of Upper Limb After Stroke. Proceedings of the IEEE, 2015, 103, 944-953.	16.4	101
93	A six-degree-of-freedom robotic system for lower extremity rehabilitation. , 2015, , .		4

#	Article	IF	Citations
94	Home-based self-training using video-games: Preliminary data from a randomised controlled trial. , 2015, , .		6
95	Task-specific brain reorganization in motor recovery induced by a hybrid-rehabilitation combining training with brain stimulation after stroke. Neuroscience Research, 2015, 92, 29-38.	1.0	8
96	Repetitive transcranial magnetic stimulation for stroke rehabilitation-potential therapy or misplaced hope?. Restorative Neurology and Neuroscience, 2015, 33, 557-569.	0.4	25
97	Early constraint-induced movement therapy promotes functional recovery and neuronal plasticity in a subcortical hemorrhage model rat. Behavioural Brain Research, 2015, 284, 158-166.	1.2	29
98	Brain–Machine Interfaces in Stroke Neurorehabilitation. , 2015, , 3-14.		9
99	New rehabilitation models for neurologic inpatients in Brazil. Disability and Rehabilitation, 2015, 37, 268-273.	0.9	9
100	Quantifying Electrode Reliability During Brain–Computer Interface Operation. IEEE Transactions on Biomedical Engineering, 2015, 62, 858-864.	2.5	9
101	Retinal Origin of Electrically Evoked Potentials in Response to Transcorneal Alternating Current Stimulation in the Rat. Investigative Ophthalmology and Visual Science, 2015, 56, 1711-1718.	3.3	38
102	Reorganization of Motor Execution Networks During Sub-Acute Phase After Stroke. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2015, 23, 713-723.	2.7	20
103	Post-stroke robotic-assisted therapy: Time-variant damping coefficient based control algorithm for isotonic exercise through circular motion. , 2015, , .		2
104	Defining Ecological Strategies in Neuroprosthetics. Neuron, 2015, 86, 29-33.	3.8	27
105	Moving Stem Cells to the Clinic: Potential and Limitations for Brain Repair. Neuron, 2015, 86, 187-206.	3.8	121
106	Combining Multiple Types of Motor Rehabilitation Enhances Skilled Forelimb Use Following Experimental Traumatic Brain Injury in Rats. Neurorehabilitation and Neural Repair, 2015, 29, 989-1000.	1.4	23
107	Functional and structural balances of homologous sensorimotor regions in multiple sclerosis fatigue. Journal of Neurology, 2015, 262, 614-622.	1.8	29
108	Hand-in-hand advances in biomedical engineering and sensorimotor restoration. Journal of Neuroscience Methods, 2015, 246, 22-29.	1.3	24
109	Brain-controlled neuromuscular stimulation to drive neural plasticity and functional recovery. Current Opinion in Neurobiology, 2015, 33, 95-102.	2.0	56
110	Circuit Class Therapy or Seven-Day Week Therapy for Increasing Rehabilitation Intensity of Therapy after Stroke (CIRCIT): A Randomized Controlled Trial. International Journal of Stroke, 2015, 10, 594-602.	2.9	56
111	Factors associated with community reintegration in the first year after stroke: a qualitative meta-synthesis. Disability and Rehabilitation, 2015, 37, 1599-1608.	0.9	73

#	Article	IF	CITATIONS
112	Intention recognition method for sit-to-stand and stand-to-sit from electromyogram signals for overground lower-limb rehabilitation robots. , 2015, , .		2
113	Proprioceptive Based Training for stroke recovery. Proposal of new treatment modality for rehabilitation of upper limb in neurological diseases. Archives of Physiotherapy, 2015, 5, 6.	0.7	14
114	ICTs for Improving Patients Rehabilitation Research Techniques. Communications in Computer and Information Science, 2015, , .	0.4	3
115	Improving Cognitive Dysfunction After Aneurysmal Subarachnoid Hemorrhage. World Neurosurgery, 2015, 83, 29-31.	0.7	0
116	Assessment of Cognitive Engagement in Stroke Patients From Single-Trial EEG During Motor Rehabilitation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2015, 23, 351-362.	2.7	42
117	Upper Limb Immobilisation: A Neural Plasticity Model with Relevance to Poststroke Motor Rehabilitation. Neural Plasticity, 2016, 2016, 1-17.	1.0	24
118	Neuroprotective Effects of Bone Marrow Mesenchymal Stem Cells on Bilateral Common Carotid Arteries Occlusion Model of Cerebral Ischemia in Rat. Behavioural Neurology, 2016, 2016, 1-10.	1.1	23
119	Magnetoencephalography in Stroke Recovery and Rehabilitation. Frontiers in Neurology, 2016, 7, 35.	1.1	20
120	Application of Transcranial Direct Current Stimulation in Neurorehabilitation: The Modulatory Effect of Sleep. Frontiers in Neurology, 2016, 7, 54.	1.1	17
121	Characterization of Artifacts Produced by Gel Displacement on Non-invasive Brain-Machine Interfaces during Ambulation. Frontiers in Neuroscience, 2016, 10, 60.	1.4	16
122	Self-Paced Reaching after Stroke: A Quantitative Assessment of Longitudinal and Directional Sensitivity Using the H-Man Planar Robot for Upper Limb Neurorehabilitation. Frontiers in Neuroscience, 2016, 10, 477.	1.4	16
123	Decoding the Attentional Demands of Gait through EEG Gamma Band Features. PLoS ONE, 2016, 11, e0154136.	1.1	36
124	Brain–machine interfaces for rehabilitation of poststroke hemiplegia. Progress in Brain Research, 2016, 228, 163-183.	0.9	41
125	Inhibition of the contralesional dorsal premotor cortex improves motor function of the affected hand following stroke. European Journal of Neurology, 2016, 23, 823-830.	1.7	41
126	Motor Cortex Reorganization and Repetitive Transcranial Magnetic Stimulation for Pain—A Methodological Study. Neuromodulation, 2016, 19, 669-678.	0.4	36
127	Activity-Dependent Inhibitory Synaptogenesis in Cerebellar Cultures. Brain Plasticity, 2016, 1, 207-214.	1.9	1
128	Symmetrization in jellyfish: reorganization to regain function, and not lost parts. Zoology, 2016, 119, 1-3.	0.6	5
129	Rehabilitation using virtual reality technology: a bibliometric analysis, 1996–2015. Scientometrics, 2016, 109, 1547-1559.	1.6	26

#	Article	IF	CITATIONS
130	Cortical thickness and metabolite concentration in chronic stroke and the relationship with motor function. Restorative Neurology and Neuroscience, 2016, 34, 733-746.	0.4	18
131	The role of auditory feedback in music-supported stroke rehabilitation: A single-blinded randomised controlled intervention. Restorative Neurology and Neuroscience, 2016, 34, 297-311.	0.4	23
132	EEG patterns of subacute stroke patients performing motor tasks correlate with motor functional outcome: Preliminary results. , 2016, 2016, 4674-4677.		3
133	Biomaterial applications in neural therapy and repair. Chinese Neurosurgical Journal, 2016, 2, .	0.3	9
134	Efficacy and safety of non-immersive virtual reality exercising in stroke rehabilitation (EVREST): a randomised, multicentre, single-blind, controlled trial. Lancet Neurology, The, 2016, 15, 1019-1027.	4.9	279
135	EEG response varies with lesion location in patients with chronic stroke. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 21.	2.4	61
136	Interfacing brain with computer to improve communication and rehabilitation after brain damage. Progress in Brain Research, 2016, 228, 357-387.	0.9	30
137	Causal Link between the Cortico-Rubral Pathway and Functional Recovery through Forced Impaired Limb Use in Rats with Stroke. Journal of Neuroscience, 2016, 36, 455-467.	1.7	88
138	Brain stimulation: Neuromodulation as a potential treatment for motor recovery following traumatic brain injury. Brain Research, 2016, 1640, 130-138.	1.1	34
139	Asynchronous detection of kinesthetic attention during mobilization of lower limbs using EEG measurements. Journal of Neural Engineering, 2016, 13, 016018.	1.8	12
140	Neural Substrates of Motor Recovery in Severely Impaired Stroke Patients With Hand Paralysis. Neurorehabilitation and Neural Repair, 2016, 30, 328-338.	1.4	29
141	Effect of myofeedback on the threshold of the stretch reflex response of post-stroke spastic patients. Disability and Rehabilitation, 2017, 39, 458-467.	0.9	7
142	Cognitive Training for Adults With Bothersome Tinnitus. JAMA Otolaryngology - Head and Neck Surgery, 2017, 143, 443.	1.2	12
143	Design, Analysis, and Optimization of an Acute Stroke Gait Rehabilitation Device. Journal of Medical Devices, Transactions of the ASME, 2017, 11, .	0.4	20
144	Exercise and Balance in Older Adults with Movement Disorders. , 2017, , 323-346.		4
145	A grasp-based passivity signature for haptics-enabled human-robot interaction: Application to design of a new safety mechanism for robotic rehabilitation. International Journal of Robotics Research, 2017, 36, 778-799.	5.8	33
146	Classification of different reaching movements from the same limb using EEG. Journal of Neural Engineering, 2017, 14, 046018.	1.8	48
147	Diffusion tensor MRI tractography reveals increased fractional anisotropy (FA) in arcuate fasciculus following music-cued motor training. Brain and Cognition, 2017, 116, 40-46.	0.8	37

#	Article	IF	CITATIONS
148	<i>Epimedii Herba</i> : A Promising Herbal Medicine for Neuroplasticity. Phytotherapy Research, 2017, 31, 838-848.	2.8	29
149	Rehabilitation robotics for the upper extremity: review with new directions for orthopaedic disorders. Disability and Rehabilitation: Assistive Technology, 2017, 12, 765-771.	1.3	11
150	EEG-guided robotic mirror therapy system for lower limb rehabilitation. , 2017, 2017, 1917-1921.		7
151	The Purpose, Mechanisms, and Benefits of Cultivating Ethics in Mindfulness-Integrated Cognitive Behavior Therapy. Mindfulness in Behavioral Health, 2017, , 163-192.	0.2	7
152	Practitioner's Guide to Ethics and Mindfulness-Based Interventions. Mindfulness in Behavioral Health, 2017, , .	0.2	8
153	A multichannel-near-infrared-spectroscopy-triggered robotic hand rehabilitation system for stroke patients. , 2017, 2017, 158-163.		7
154	Enhancing Spinal Plasticity Amplifies the Benefits of Rehabilitative Training and Improves Recovery from Stroke. Journal of Neuroscience, 2017, 37, 10983-10997.	1.7	33
155	A Single Bout of High-Intensity Interval Training Improves Motor Skill Retention in Individuals With Stroke. Neurorehabilitation and Neural Repair, 2017, 31, 726-735.	1.4	81
156	Polarity-independent effects of tDCS on paired associative stimulation-induced plasticity. Brain Stimulation, 2017, 10, 1061-1069.	0.7	5
157	Design of a variable resistance training system using rotary magneto-rheological brake. , 2017, , .		2
158	Quantification of task-dependent cortical activation evoked by robotic continuous wrist joint manipulation in chronic hemiparetic stroke. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 30.	2.4	18
159	Self-training to improve UE function at the chronic stage post-stroke: a pilot randomized controlled trial. Disability and Rehabilitation, 2017, 39, 1541-1548.	0.9	32
160	The Role of Endogenous Neurogenesis in Functional Recovery and Motor Map Reorganization Induced by Rehabilitative Therapy after Stroke in Rats. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 260-272.	0.7	19
161	A Passivity-Based Approach for Stable Patient–Robot Interaction in Haptics-Enabled Rehabilitation Systems: Modulated Time-Domain Passivity Control. IEEE Transactions on Control Systems Technology, 2017, 25, 991-1006.	3.2	57
162	Design of a wearable hand exoskeleton for exercising flexion/extension of the fingers. , 2017, 2017, 1615-1620.		13
163	CARACTERIZACIÓN TEMPORO-ESPACIAL DEL PATRÓN DE MARCHA EN ROEDORES COMO MODELO ANIMAL DE LESIÓN CEREBRAL CEREBROVASCULAR. Acta Biologica Colombiana, 2017, 22, 307-321.	0.1	0
164	EEG Brain Activity in Dynamic Health Qigong Training: Same Effects for Mental Practice and Physical Training?. Frontiers in Psychology, 2017, 8, 154.	1.1	31
165	Spasticity, Motor Recovery, and Neural Plasticity after Stroke. Frontiers in Neurology, 2017, 8, 120.	1.1	185

ARTICLE IF CITATIONS # Ouantification of Movement-Related EEG Correlates Associated with Motor Training: A Study on Movement-Related Cortical Potentials and Sensorimotor Rhythms. Frontiers in Human Neuroscience, 166 1.0 29 2017, 11, 604. Functional Activation-Informed Structural Changes during Stroke Recovery: A Longitudinal MRI Study. BioMed Research International, 2017, 2017, 1-13. Robotic devices and brain-machine interfaces for hand rehabilitation post-stroke. Journal of 168 0.8 45 Rehabilitation Medicine, 2017, 49, 449-460. Toward a more personalized motor function rehabilitation in Myotonic dystrophy type 1: The role of 1.1 neuroplasticity. PLoS ONE, 2017, 12, e0178470. Determining the Effects of a Horticultural Therapy Program for Improving the Upper Limb Function and Balance Ability of Stroke Patients. Hortscience: A Publication of the American Society for 170 0.5 8 Hortcultural Science, 2018, 53, 110-119. Evidence of Variabilities in EEG Dynamics During Motor Imagery-Based Multiclass Brain–Computer Interface. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 371-382. 171 Online Covariate Shift Detection-Based Adaptive Brain–Computer Interface to Trigger Hand Exoskeleton Feedback for Neuro-Rehabilitation. IEEE Transactions on Cognitive and Developmental 172 2.6 40 Systems, 2018, 10, 1070-1080. The effects of modified constraint-induced movement therapy and mirror therapy on upper extremity function and its influence on activities of daily living. Journal of Physical Therapy Science, 2018, 30, 0.2 Development of a multichannel current-EMG system for coherence modulation with visual 174 1.1 11 biofeedback. PLoS ONE, 2018, 13, e0206871. Effects of virtual reality and motor imagery techniques using Fugl Meyer Assessment scale in 0.1 post-stroke patients. International Journal of Therapy and Rehabilitation, 2018, 25, 587-596. Evaluation of Changes in the Motor Network Following BCI Therapy Based on Graph Theory Analysis. 176 1.4 18 Frontiers in Neuroscience, 2018, 12, 861. Recovery Dynamics in Patients with Poststroke Motor Disorders after Multiple Courses of Neuroréhabilitation Using an Exoskeleton Controlled by a Brain–Computer Interface. Neuroscience and Behavioral Physiology, 2018, 48, 1088-1092. Stroke rehabilitation and research: consideration of the role of the cortico-reticulospinal system. 178 0.4 5 Somatosensory & Motor Research, 2018, 35, 148-152. Pipeline for Analyzing Lesions After Stroke (PALS). Frontiers in Neuroinformatics, 2018, 12, 63. 179 1.3 Differentiated Effects of Robot Hand Training With and Without Neural Guidance on Neuroplasticity 180 23 1.1 Patterns in Chronic Stroke. Frontiers in Neurology, 2018, 9, 810. Intraparenchymal Neural Stem/Progenitor Cell Transplantation for Ischemic Stroke Animals: A Meta-Analysis and Systematic Review. Stem Cells International, 2018, 2018, 1-10. Effect of Combined Treatment with MLC601 (NeuroAiDTM) and Rehabilitation on Post-Stroke Recovery: 182 0.8 13 The CHIMES and CHIMES-E Studies. Cerebrovascular Diseases, 2018, 46, 82-88. Design Criteria for developing an Anatomy-based Ankle-Foot-Orthosis: A State-of-the art Review and Needs of Mind, Motor and Motion Recovery following Stroke., 2018, , .

#	Article	IF	CITATIONS
184	Review of anatomy-based ankle–foot robotics for mind, motor and motion recovery following stroke: design considerations and needs. International Journal of Intelligent Robotics and Applications, 2018, 2, 267-282.	1.6	11
185	L <inf>1</inf> Gain Control of the Skeleton Post-Stroke Rehabilitation Robot's Wrist Joint Subject to Magnitude, Rate and Output Saturation. , 2018, , .		1
186	An ASA Based Feedforward Control of Skeleton Post-Stroke Rehabilitation Robot System. , 2018, , .		0
187	Case Studies in Neuroscience: Evidence of motor thalamus reorganization following bilateral forearm amputations. Journal of Neurophysiology, 2018, 120, 1776-1780.	0.9	3
188	Effects of newly developed compact robot-aided upper extremity training system (Neuro-X®) in patients with stroke: A pilot study. Journal of Rehabilitation Medicine, 2018, 50, 607-612.	0.8	8
189	Sensory stimulation in acute stroke therapy. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1682-1689.	2.4	12
190	Harnessing the Potential of Biomaterials for Brain Repair after Stroke. Frontiers in Materials, 2018, 5, .	1.2	31
191	A Preliminary Comparison of Motor Learning Across Different Non-invasive Brain Stimulation Paradigms Shows No Consistent Modulations. Frontiers in Neuroscience, 2018, 12, 253.	1.4	27
192	Wavelet Analysis of Big Data Contaminated by Large Noise in an fMRI Study of Neuroplasticity. Methodology and Computing in Applied Probability, 2018, 20, 1381-1402.	0.7	1
193	Multimodal Rehabilitation Program Promotes Motor Function Recovery of Rats After Ischemic Stroke by Upregulating Expressions of GAP-43, SYN, HSP70, and C-MYC. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 2829-2839.	0.7	21
194	Nonsurgical Treatment Options for Upper Limb Spasticity. Hand Clinics, 2018, 34, 455-464.	0.4	8
195	Low-frequency cortical activity is a neuromodulatory target that tracks recovery after stroke. Nature Medicine, 2018, 24, 1257-1267.	15.2	92
196	The Serum BDNF Level Offers Minimum Predictive Value for Motor Function Recovery After Stroke. Translational Stroke Research, 2019, 10, 342-351.	2.3	28
197	Brain Mechanism in the Human-Computer Interaction Modes Leading to Different Motor Performance. , 2019, , .		2
198	A BCI based visual-haptic neurofeedback training improves cortical activations and classification performance during motor imagery. Journal of Neural Engineering, 2019, 16, 066012.	1.8	47
199	Voluntary control of wearable robotic exoskeletons by patients with paresis via neuromechanical modeling. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 91.	2.4	76
200	Circular RNA <i>TLK1</i> Aggravates Neuronal Injury and Neurological Deficits after Ischemic Stroke via miR-335-3p/TIPARP. Journal of Neuroscience, 2019, 39, 7369-7393.	1.7	164
201	Transcending the brain: is there a cost to hacking the nervous system?. Brain Communications, 2019, 1, fcz015.	1.5	8

		CITATION REPORT		
#	Article		IF	Citations
202	Acute Phase Neuronal Activity for the Prognosis of Stroke Recovery. Neural Plasticity, 2	.019, 2019, 1-10.	1.0	11
203	Plasticity and recovery of function. Handbook of Clinical Neurology / Edited By P J Vinke Bruyn, 2019, 163, 473-483.	en and G W	1.0	4
204	Direct Adaptive Fuzzy Compensation Control of a Skeleton Post-Stroke Rehabilitation I Joint With Unmodeled Dynamics. , 2019, , .	Robot's Wrist		0
205	The Effects of EMG Based Fatigue-Controlled and Forced Exercise on Motor Function Re Pilot Study. , 2019, , .	ecovery: A		1
206	Synchronization lag in post stroke: relation to motor function and structural connectiv Neuroscience, 2019, 3, 1121-1140.	ity. Network	1.4	22
207	Neurophysiological responses and adaptation following repeated bouts of maximal leng contractions in young and older adults. Journal of Applied Physiology, 2019, 127, 1224	gthening -1237.	1.2	11
208	The effect of surface electromyography biofeedback on the activity of extensor and do muscles in elderly adults: a randomized trial. Scientific Reports, 2019, 9, 13153.	rsiflexor	1.6	22
209	Dance-based exergaming for upper extremity rehabilitation and reducing fall-risk in community-dwelling individuals with chronic stroke. A preliminary study. Topics in Strol Rehabilitation, 2019, 26, 565-575.	ke	1.0	14
210	Eight Core Principles of Neurobiologically Informed Interventions for Trauma From Chilo Maltreatment. , 2019, , 343-370.	dhood		0
211	Transcranial direct current stimulation for the treatment of motor impairment following brain injury. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 14.	g traumatic	2.4	26
212	Transcranial Direct Current Stimulation in Stroke Rehabilitation: Present and Future. , 2	.019, , 509-539.		4
213	Therapeutic effects of combined cell transplantation and locomotor training in rats wit injury. Npj Regenerative Medicine, 2019, 4, 13.	h brain	2.5	7
214	Neural Activations Associated With Friction Stimulation on Touch-Screen Devices. Fron Neurorobotics, 2019, 13, 27.	tiers in	1.6	6
215	Neuroprotection in glaucoma: old concepts, new ideas. Expert Review of Ophthalmolog 101-113.	gy, 2019, 14,	0.3	11
216	Statistical analysis of fMRI using wavelets: Big Data, denoising, large―p â€small―n n Interdisciplinary Reviews: Computational Statistics, 2019, 11, e1467.	natrices. Wiley	2.1	0
217	Limb linkage rehabilitation training-related changes in cortical activation and effective of after stroke: A functional near-infrared spectroscopy study. Scientific Reports, 2019, 9,	connectivity 6226.	1.6	32
218	Optogenetic Stimulation Enhanced Neuronal Plasticities in Motor Recovery after Ischer Neural Plasticity, 2019, 2019, 1-9.	nic Stroke.	1.0	14
219	The Effect of Early Passive Range of Motion Exercise on Motor Function of People with Randomized Controlled Trial. Journal of Caring Sciences, 2019, 8, 39-44.	Stroke: a	0.5	23

#	Article	IF	Citations
220	Targeted Vagus Nerve Stimulation for Rehabilitation After Stroke. Frontiers in Neuroscience, 2019, 13, 280.	1.4	101
221	BCI Monitor Enhances Electroencephalographic and Cerebral Hemodynamic Activations During Motor Training. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 780-787.	2.7	31
222	Pulmonary Rehabilitation in Virtual Reality for COPD Patients. Progress in IS, 2019, , 277-290.	0.5	6
223	Constraint Induced Movement Therapy as a Rehabilitative Strategy for Ischemic Stroke—Linking Neural Plasticity with Restoration of Skilled Movements. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1640-1653.	0.7	12
224	Brain Computer Interface for Neuro-rehabilitation With Deep Learning Classification and Virtual Reality Feedback. , 2019, , .		33
225	Leukoaraiosis Predicts Short-term Cognitive But not Motor Recovery in Ischemic Stroke Patients During Rehabilitation. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1597-1603.	0.7	19
226	Learning from Goal and Action Based Observations Differentially Modulates Functional Motor Cortical Plasticity. Neuroscience, 2019, 404, 387-395.	1.1	3
227	Augmented Reality and Virtual Reality. Progress in IS, 2019, , .	0.5	19
228	Design of Shape Memory Alloy-Based Soft Wearable Robot for Assisting Wrist Motion. Applied Sciences (Switzerland), 2019, 9, 4025.	1.3	55
229	Ligustilide Ameliorates the Permeability of the Blood–Brain Barrier Model In Vitro During Oxygen–Glucose Deprivation Injury Through HIF/VEGF Pathway. Journal of Cardiovascular Pharmacology, 2019, 73, 316-325.	0.8	27
230	Rehabilitation Outcomes of Patients With Severe Disability Poststroke. Archives of Physical Medicine and Rehabilitation, 2019, 100, 520-529.e3.	0.5	9
231	The new frontiers of rehabilitation medicine in people with chronic disabling illnesses. European Journal of Internal Medicine, 2019, 61, 1-8.	1.0	9
232	Stand alone or join forces? Stem cell therapy for stroke. Expert Opinion on Biological Therapy, 2019, 19, 25-33.	1.4	13
233	Hand Grip and Load Force Coordination of the Ipsilesional Hand of Chronic Stroke Individuals. Journal of Motor Behavior, 2019, 51, 610-621.	0.5	1
234	Haptics-enabled Interactive NeuroRehabilitation Mechatronics: Classification, Functionality, Challenges and Ongoing Research. Mechatronics, 2019, 57, 1-19.	2.0	30
235	Working With Elders Who Have Had Cerebrovascular Accidents. , 2019, , 268-281.		0
236	Enriched Environment Elicits Proangiogenic Mechanisms After Focal Cerebral Ischemia. Translational Stroke Research, 2019, 10, 150-159.	2.3	18
237	Inconclusive efficacy of intervention on upper-limb function after tetraplegia: A systematic review and meta-analysis. Annals of Physical and Rehabilitation Medicine, 2020, 63, 230-240.	1.1	5

#	Article	IF	Citations
238	Combining aquatic physiotherapy with usual care physiotherapy for people with neurological conditions: A systematic review. Physiotherapy Research International, 2020, 25, e1813.	0.7	3
239	Association Between Malnutrition and Outcomes in Patients With Severe Ischemic Stroke Undergoing Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2020, 101, 852-860.	0.5	32
240	Motor Control, Motor Learning, and Neural Plasticity in Orthotic and Prosthetic Rehabilitation. , 2020, , 38-70.		2
241	Plasticity in corticomotor pathways linked to a jaw protrusion training task: Potential implications for management of patients with obstructive sleep apnea. Brain Research, 2020, 1749, 147124.	1.1	3
242	Performance of EEG Motor-Imagery based spatial filtering methods: A BCI study on Stroke patients. Procedia Computer Science, 2020, 176, 2840-2848.	1.2	10
243	Video-guided exercise after stroke: a feasibility randomised controlled trial. Physiotherapy Theory and Practice, 2022, 38, 609-620.	0.6	5
244	Feasibility of single and combined with other treatments using transcranial direct current stimulation for chronic stroke: A pilot study. SAGE Open Medicine, 2020, 8, 205031212094054.	0.7	1
245	Therapy with T-FLEX Ankle-Exoskeleton for Motor Recovery: A Case Study with a Stroke Survivor. , 2020, , .		11
246	The Circularity of the Embodied Mind. Frontiers in Psychology, 2020, 11, 1707.	1.1	40
247	Enhancing Brain Plasticity to Promote Stroke Recovery. Frontiers in Neurology, 2020, 11, 554089.	1.1	42
248	RehabFork: An Interactive Game-assisted Upper Limb Stroke Rehabilitation System. , 2020, 2020, 5757-5760.		1
249	A simplified method for online extraction of skin conductance features: A pilot study on an immersive virtual-reality-based motor task. , 2020, 2020, 3747-3750.		2
250	Evaluation of a gamified upper-arm bimanual trainer for stroke patients - A healthy cohort study. , 2020, , .		1
251	The Role of Inpatient Rehabilitation After Pediatric Epilepsy Surgery for Refractory Epilepsy. SN Comprehensive Clinical Medicine, 2020, 2, 1876-1882.	0.3	1
252	Cerebellar Transcranial Direct Current Stimulation for Motor Learning in People with Chronic Stroke: A Pilot Randomized Controlled Trial. Brain Sciences, 2020, 10, 982.	1.1	4
253	Assessment of Neuroplasticity Using EEG Signal in Rehabilitation of Brain Stem Stroke Patients. , 2020, , .		1
254	Encoder-Controlled Stimulation System for Assisting Elbow Extension in Post-Stroke Individuals: a Pilot Study. , 2020, , .		0
255	Low frequency transcranial magnetic stimulation in subacute ischemic stroke: Number of sessions that altered cortical excitability. NeuroRehabilitation, 2020, 47, 427-434.	0.5	4

#	Article	IF	CITATIONS
256	Topographical data analysis to identify high-density clusters in stroke patients undergoing post-acute rehabilitation. Topics in Stroke Rehabilitation, 2021, 28, 498-507.	1.0	0
257	A comparison of two personalization and adaptive cognitive rehabilitation approaches: a randomized controlled trial with chronic stroke patients. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 78.	2.4	51
258	Brain-computer interfaces in neurologic rehabilitation practice. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 168, 101-116.	1.0	43
259	A case report on intensive, robot-assisted rehabilitation program for brainstem radionecrosis. Medicine (United States), 2020, 99, e19517.	0.4	4
260	Gamifying Motor Rehabilitation Therapies: Challenges and Opportunities of Immersive Technologies. Information (Switzerland), 2020, 11, 88.	1.7	20
261	Hyperbaric oxygen and focused rehabilitation program: a feasibility study in improving upper limb motor function after stroke. Applied Physiology, Nutrition and Metabolism, 2020, 45, 1345-1352.	0.9	8
262	Stem cell-based therapies for ischemic stroke: a systematic review and meta-analysis of clinical trials. Stem Cell Research and Therapy, 2020, 11, 252.	2.4	31
263	Robot-assisted therapy for arm recovery for stroke patients: state of the art and clinical implication. Expert Review of Medical Devices, 2020, 17, 223-233.	1.4	57
264	A Horticultural Therapy Program Focused on Succulent Cultivation for the Vocational Rehabilitation Training of Individuals with Intellectual Disabilities. International Journal of Environmental Research and Public Health, 2020, 17, 1303.	1.2	4
265	Synergistic Effects of Scalp Acupuncture and Repetitive Transcranial Magnetic Stimulation on Cerebral Infarction: A Randomized Controlled Pilot Trial. Brain Sciences, 2020, 10, 87.	1.1	7
266	The <scp>ENIGMA</scp> Stroke Recovery Working Group: Big data neuroimaging to study brain–behavior relationships after stroke. Human Brain Mapping, 2022, 43, 129-148.	1.9	54
267	Exact location of sensorimotor cortex injury after photochemical modulation; evidence of stroke based on stereological and morphometric studies in mice. Lasers in Medical Science, 2021, 36, 91-98.	1.0	2
268	Neurorehabilitation and its impact on functional status in patients who have suffered a stroke. Revista CientÃfica De La Sociedad De EnfermerÃa Neurológica (English Ed), 2021, 53, 8-15.	0.0	0
269	Transcranial pulse current stimulation improves the locomotor function in a rat model of stroke. Neural Regeneration Research, 2021, 16, 1229.	1.6	11
270	A BCI-Based Vibrotactile Neurofeedback Training Improves Motor Cortical Excitability During Motor Imagery. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1583-1592.	2.7	22
271	Prospects for intelligent rehabilitation techniques to treat motor dysfunction. Neural Regeneration Research, 2021, 16, 264.	1.6	30
272	The Study of Cortical Lateralization and Motor Performance Evoked by External Visual Stimulus During Continuous Training. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 985-994.	2.6	1
273	Canadian Platform for Trials in Noninvasive Brain Stimulation (CanStim) Consensus Recommendations for Repetitive Transcranial Magnetic Stimulation in Upper Extremity Motor Stroke Rehabilitation Trials. Neurorehabilitation and Neural Repair, 2021, 35, 103-116.	1.4	5

#	Article	IF	CITATIONS
274	Neurorrehabilitación y su impacto en el estado funcional en pacientes que han sufrido un ictus. Revista CientÃfica De La Sociedad Española De EnfermerÃa Neurológica, 2021, 53, 8-15.	0.1	1
275	Wearable triboelectric nanogenerator based exercise system for upper limb rehabilitation post neurological injuries. Nano Energy, 2021, 80, 105508.	8.2	31
276	Peripheral Electrical Stimulation Modulates Cortical Beta-Band Activity. Frontiers in Neuroscience, 2021, 15, 632234.	1.4	9
277	Neuroplasticity pathophysiological mechanisms underlying neuro-optometric rehabilitation in is ischemic stroke – a brief review. Balneo and PRM Research Journal, 2021, 12, 16-20.	0.1	0
278	Clinical Neurorehabilitation: Using Principles of Neurological Diagnosis, Prognosis, and Neuroplasticity in Assessment and Treatment Planning. Seminars in Neurology, 2021, 41, 111-123.	0.5	7
279	The Actuation System of the Ankle Exoskeleton T-FLEX: First Use Experimental Validation in People with Stroke. Brain Sciences, 2021, 11, 412.	1.1	29
280	Investigating the Impact of Cognitive Training for Individuals With Bothersome Tinnitus: A Randomized Controlled Trial. Otolaryngology - Head and Neck Surgery, 2021, 165, 019459982199474.	1.1	2
282	Combined contralateral C7 to C7 and L5 to S1 cross nerve transfer for treating limb hemiplegia after stroke. British Journal of Neurosurgery, 2021, , 1-4.	0.4	7
283	Shexiang Baoxin Pill, a Proprietary Multi-Constituent Chinese Medicine, Prevents Locomotor and Cognitive Impairment Caused by Brain Ischemia and Reperfusion Injury in Rats: A Potential Therapy for Neuropsychiatric Sequelae of Stroke. Frontiers in Pharmacology, 2021, 12, 665456.	1.6	7
284	The role of neuroplasticity in stroke nursing. British Journal of Neuroscience Nursing, 2021, 17, S20-S25.	0.1	1
285	Neural mechanisms of interleaved practice that support long-term retention of motor skill in stroke: translational research perspective. Journal of Exercise Rehabilitation, 2021, 17, 67-68.	0.4	1
286	Review: How Can Intelligent Robots and Smart Mechatronic Modules Facilitate Remote Assessment, Assistance, and Rehabilitation for Isolated Adults With Neuro-Musculoskeletal Conditions?. Frontiers in Robotics and Al, 2021, 8, 610529.	2.0	24
287	Feasibility and effect of interactive telerehabilitation on balance in individuals with chronic stroke: a pilot study. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 71.	2.4	24
288	Interleaved practice benefits implicit sequence learning and transfer. Memory and Cognition, 2021, 49, 1436-1452.	0.9	9
289	Research on the Central Integration Technology for the Rehabilitation of Lower Limb Based on the Virtual Environment. , 2021, , .		0
290	Immersive Virtual Reality to Improve Outcomes in Veterans With Stroke: Protocol for a Single-Arm Pilot Study. JMIR Research Protocols, 2021, 10, e26133.	0.5	6
291	Notoginsenoside R1 Improves Cerebral Ischemia/Reperfusion Injury by Promoting Neurogenesis via the BDNF/Akt/CREB Pathway. Frontiers in Pharmacology, 2021, 12, 615998.	1.6	20
292	Exploring the Use of Brain-Computer Interfaces in Stroke Neurorehabilitation. BioMed Research International, 2021, 2021, 1-11.	0.9	23

#	ARTICLE	IF	Citations
293	EEG-controlled functional electrical stimulation rehabilitation for chronic stroke: system design and clinical application. Frontiers of Medicine, 2021, 15, 740-749.	1.5	17
294	Motor learning might contribute to a therapeutic anterior shift of the habitual mandibular position—An exploratory study. Journal of Oral Rehabilitation, 2021, 48, 891-900.	1.3	0
295	Serious Games in Robot-Assisted Rehabilitation Therapy for Neurological Patients. , 2022, , 309-329.		1
296	Variable Stiffness Actuators for Wearable Applications in Gait Rehabilitation. , 2022, , 193-212.		2
297	Subthreshold electrical stimulation as a low power electrical treatment for stroke rehabilitation. Scientific Reports, 2021, 11, 14048.	1.6	4
298	Prediction of Myoelectric Biomarkers in Post-Stroke Gait. Sensors, 2021, 21, 5334.	2.1	43
299	New Insights Into the Roles of Microglial Regulation in Brain Plasticity-Dependent Stroke Recovery. Frontiers in Cellular Neuroscience, 2021, 15, 727899.	1.8	32
300	Effects of Virtual Reality Intervention on Neural Plasticity in Stroke Rehabilitation: A Systematic Review. Archives of Physical Medicine and Rehabilitation, 2022, 103, 523-541.	0.5	42
301	Clinical Evaluation of Different Treatment Strategies for Motor Recovery in Poststroke Rehabilitation during the First 90 Days. Journal of Clinical Medicine, 2021, 10, 3718.	1.0	5
302	Brain–Computer Interfaces: Neurorehabilitation of Voluntary Movement after Stroke and Spinal Cord Injury. Synthesis Lectures on Assistive Rehabilitative and Health-Preserving Technologies, 2021, 10, i-133.	0.2	0
303	Alternation of Neuronal Feature Selectivity Induced by Paired Optogenetic-Mechanical Stimulation in the Barrel Cortex. Frontiers in Neural Circuits, 2021, 15, 708459.	1.4	0
304	Brain-Computer Interface Training With Functional Electrical Stimulation: Facilitating Changes in Interhemispheric Functional Connectivity and Motor Outcomes Post-stroke. Frontiers in Neuroscience, 2021, 15, 670953.	1.4	10
305	Efficacy and tolerability of selective serotonin reuptake inhibitors on promoting motor recovery after stroke:meta-analysis of randomized controlled trials. Expert Review of Neurotherapeutics, 2021, 21, 1179-1189.	1.4	3
306	Experimental characterization of the T-FLEX ankle exoskeleton for gait assistance. Mechatronics, 2021, 78, 102608.	2.0	11
307	Motor Recovery in Stroke Rehabilitation Supported by Robot-Assisted Therapy. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 304-321.	0.3	1
309	Virtual Rehabilitation of the Paretic Hand and Arm in Persons With Stroke: Translation From Laboratory to Rehabilitation Centers and the Patient's Home. Frontiers in Neurology, 2021, 12, 623261.	1.1	3
310	Prevalence and Risk Factors for Spasticity After Stroke: A Systematic Review and Meta-Analysis. Frontiers in Neurology, 2020, 11, 616097.	1.1	49
312	Brain–Computer Interfaces. , 2020, , 131-183.		53

#	Article	IF	CITATIONS
313	Brain-Computer Interfaces for Motor Rehabilitation. , 2017, , 1-31.		1
314	Human–Machine Interfaces for Motor Rehabilitation. Studies in Computational Intelligence, 2020, , 1-16.	0.7	2
315	Extracellular Vesicle–Mediated Delivery of Circular RNA SCMH1 Promotes Functional Recovery in Rodent and Nonhuman Primate Ischemic Stroke Models. Circulation, 2020, 142, 556-574.	1.6	198
316	Review of the effects of soft robotic gloves for activity-based rehabilitation in individuals with reduced hand function and manual dexterity following a neurological event. Journal of Rehabilitation and Assistive Technologies Engineering, 2020, 7, 205566832091813.	0.6	27
317	Deficit of Motor Skill Acquisition on the Upper Limb Ipsilesional to the Injured Hemisphere in Individuals with Stroke. Medical Science Monitor, 2019, 25, 5062-5067.	0.5	2
318	NIBS-driven brain plasticity. Archives Italiennes De Biologie, 2015, 152, 247-58.	0.1	16
319	Observation of implied motion in a work of art modulates cortical connectivity and plasticity. Journal of Exercise Rehabilitation, 2016, 12, 417-423.	0.4	9
320	Traversing the Translational Trail for Trials. Topics in Spinal Cord Injury Rehabilitation, 2012, 18, 79-84.	0.8	2
321	Mirror Symmetric Bimanual Movement Priming Can Increase Corticomotor Excitability and Enhance Motor Learning. PLoS ONE, 2012, 7, e33882.	1.1	63
322	Prognostic Factors of Functional Outcome Assessed by Using the Modified Rankin Scale in Subacute Ischemic Stroke. Journal of Clinical Medicine Research, 2019, 11, 375-382.	0.6	16
323	Clinical and laboratory assessment of the effectiveness of early rehabilitation of patients with stroke using assistive robotic tools. Bulletin of Siberian Medicine, 2020, 18, 55-62.	0.1	1
324	Wearable Health Devices in Health Care: Narrative Systematic Review. JMIR MHealth and UHealth, 2020, 8, e18907.	1.8	230
325	Navigated transcranial magnetic stimulation following awake craniotomy for resection of glioma: Description of two cases. , 2020, 11, 433.		3
326	Wavelet Estimation: Minimax Theory and Application. Sri Lankan Journal of Applied Statistics, 2014, 5, 17.	0.1	1
327	An Assistive Mobile Platform for Delivering Knowledge of Performance Feedback. , 2014, , .		2
328	Visualizing Recovery of Cognitive Function in Stroke. Journal of Behavioral and Brain Science, 2013, 03, 641-652.	0.2	1
330	Rewiring the Lesioned Brain: Electrical Stimulation for Post-Stroke Motor Restoration. Journal of Stroke, 2020, 22, 47-63.	1.4	48
332	Could Self-Control and Emotion Influence Physical Ability and Functional Recovery after Stroke?. Medicina (Lithuania), 2021, 57, 1042.	0.8	7

			CHAHONS
333 V 333 Jo	Visuo-Acoustic Stimulation's Role in Synaptic Plasticity: A Review of the Literature. International ournal of Molecular Sciences, 2021, 22, 10783.	1.8	3
334 C	Constraint-Induced Movement Therapy for Cerebral Palsy: A Randomized Trial. Pediatrics, 2021, 148, .	1.0	17
335 N 2	Motor Control, Motor Learning, and Neural Plasticity in Orthotic and Prosthetic Rehabilitation. , 2013, , 38-71.		1
336 Y	Yoga for the Management of Neurological Motor Impairments: A Review and Key Recommendations. , 2013, , .		0
337 T s	The effect of physical training on glutamate transporter expression in an experimental ischemic stroke rat model. Physical Therapy Rehabilitation Science, 2013, 2, 87-91.	0.1	2
338 E	Brain-Computer Interfaces and Therapy. The International Library of Ethics, Law and Technology, 2014, , 49-59.	0.2	0
P 339 N It	Personalization of Assistance and Knowledge of Performance Feedback on a Hybrid Mobile and Myo-electric Robotic System for Motor Rehabilitation After Stroke. Communications in Computer and nformation Science, 2015, , 91-103.	0.4	0
340 E	Blood Vessel Remodeling After Stroke. , 2015, , 175-218.		0
341 ^{lı} 7	maging in Neurology Research II: Exploring Plasticity and Cognitive Networks by In Vivo MRI. , 2017, , 727-760.		0
342 P	Post-stroke Motor Rehabilitation. Translational Medicine Research, 2017, , 517-535.	0.0	1
343 T S	The Inflammatory Response and Its Effect on Rehabilitation-Induced Repair Processes After Stroke. Springer Series in Translational Stroke Research, 2018, , 509-520.	0.1	1
344 E	Brain-Computer Interfaces for Motor Rehabilitation. , 2018, , 1471-1501.		0
345 C	Brain State-Dependent Stimulation Combining a BCI with a Hybrid Robotic System for Modulating Cortical Excitability. Biosystems and Biorobotics, 2019, , 1075-1079.	0.2	0
³⁴⁶ S	Effects of Orofacial Muscles Exercise Program on Swallowing Function and Satisfaction in Sub-Acute Stroke Patients with Dysphagia. Medico-Legal Update, 2019, 19, 623.	0.9	5
۲ 347 р E	Dopamine Augmented Rehabilitation in Stroke (DARS): a multicentre double-blind, randomised controlled trial of co-careldopa compared with placebo, in addition to routine NHS occupational and physical therapy, delivered early after stroke on functional recovery. Efficacy and Mechanism Evaluation, 2019, 6, 1-138.	0.9	1
348 P 348 s	Principles and global experience of applying robotic rehabilitation technologies in patients after stroke. Bulletin of Siberian Medicine, 2019, 18, 223-233.	0.1	4
349 T	The "Exo hand-2―complex in the rehabilitation of the upper limb in cerebral palsy using the non-invasive interface "brain-computer― Nervno-Myshechnye Bolezni, 2020, 9, 44-50.	0.2	4
E 351 t 2	Efeitos de um programa fisioterapêutico com terapia por tarefas orientadas e treino de marcha para trás na locomoção de pacientes após acidente vascular encefálico: série de casos. Fisioterapia Brasil, 2020, 21, 149-163.	0.1	0

#	Article	IF	CITATIONS
352	The Analgesic Effect of Transcranial Direct Current Stimulation (tDCS) combined with Physical Therapy on Common Musculoskeletal Conditions: A Systematic Review and Meta-Analysis. Principles and Practice of Clinical Research Journal, 2020, 6, 23-26.	0.1	6
353	Biochemical and structural magnetic resonance imaging in chronic stroke and the relationship with upper extremity motor function. Egyptian Journal of Neurology, Psychiatry and Neurosurgery, 2020, 56, .	0.4	1
354	Mirror Therapy in Stroke Rehabilitation: Why, How Early, and Effects: A Meta-analysis. Journal of Stroke Medicine, 2020, 3, 72-80.	0.2	0
355	Kläungsmodelle und Wirkweise der Funktionellen Elektrostimulation. , 2021, , 21-31.		0
356	Does Upper Extremity Proprioceptive Training Have an Impact on Functional Outcomes in Chronic Stroke Patients?. Medeniyet Medical Journal, 2020, 35, 91-98.	0.4	3
358	Radial extracorporeal shock wave therapy improves cerebral blood flow and neurological function in a rat model of cerebral ischemia. American Journal of Translational Research (discontinued), 2017, 9, 2000-2012.	0.0	9
359	Inter-rater reliability of physiotherapists using the Action Research Arm Test in chronic stroke. Journal of Musculoskeletal Neuronal Interactions, 2020, 20, 480-487.	0.1	2
360	Effect of Robot-Assisted Training on EEG-Derived Movement-Related Cortical Potentials for Post-Stroke Rehabilitation–A Case Series Study. IEEE Access, 2021, 9, 154143-154155.	2.6	1
361	On the extraction of purely motor EEG neural correlates during an upper limb visuomotor task. Cerebral Cortex, 2022, 32, 4243-4254.	1.6	6
362	A Novel Virtual Reality Training Strategy for Poststroke Patients: A Randomized Clinical Trial. Journal of Healthcare Engineering, 2021, 2021, 1-6.	1.1	6
363	Alterations of regional homogeneity in perimenopause: a resting-state functional MRI study. Climacteric, 2022, 25, 460-466.	1.1	2
364	Rehabilitative training paired with peripheral stimulation promotes motor recovery after ischemic cerebral stroke. Experimental Neurology, 2022, 349, 113960.	2.0	9
366	Classification of Human Movements with Motion Capture Data in a Motor Rehabilitation Context. , 2021, , .		1
367	Repetitive Transcranial Magnetic Stimulation of the Contralesional Dorsal Premotor Cortex for Upper Extremity Motor Improvement in Severe Stroke: Study Protocol for a Pilot Randomized Clinical Trial. Cerebrovascular Diseases, 2022, 51, 557-564.	0.8	4
368	Automatic Selection of Control Features for Electroencephalography-Based Brain–Computer Interface Assisted Motor Rehabilitation: The GUIDER Algorithm. Brain Topography, 2022, 35, 182-190.	0.8	4
369	Reward and plasticity: Implications for neurorehabilitation. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, 184, 331-340.	1.0	5
370	MRI markers of functional connectivity and tissue microstructure in stroke-related motor rehabilitation: A systematic review. NeuroImage: Clinical, 2022, 33, 102931.	1.4	11
371	Differential Effects of 10 and 20 Hz Brain Stimulation in Chronic Stroke: A tACS-fMRI Study. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 455-464	2.7	6

#	Article	IF	CITATIONS
372	Leveraging Factors of Self-Efficacy and Motivation to Optimize Stroke Recovery. Frontiers in Neurology, 2022, 13, 823202.	1.1	14
373	Inhalation Therapy with Nebulized Capsaicin in a Patient with Oropharyngeal Dysphagia Post Stroke: A Clinical Case Report. Geriatrics (Switzerland), 2022, 7, 27.	0.6	2
374	Recommendation of Neurorehabilitation according to the Padovan-Method Neurofunctional Reorganization® for Treating Neurodevelopmental Disorders: A Systematic Review. Complementary Medicine Research, 2022, 29, 330-361.	0.5	0
375	The impact of closed-loop intracortical stimulation on neural activity in brain-injured, anesthetized animals. Bioelectronic Medicine, 2022, 8, 4.	1.0	6
376	The Frequency Effect of the Motor Imagery Brain Computer Interface Training on Cortical Response in Healthy Subjects: A Randomized Clinical Trial of Functional Near-Infrared Spectroscopy Study. Frontiers in Neuroscience, 2022, 16, 810553.	1.4	2
377	Somesthetic, Visual, and Auditory Feedback and Their Interactions Applied to Upper Limb Neurorehabilitation Technology: A Narrative Review to Facilitate Contextualization of Knowledge. Frontiers in Rehabilitation Sciences, 2022, 3, .	0.5	5
378	Effects of Ordered Grasping Movement on Brain Function in the Performance Virtual Reality Task: A Near-Infrared Spectroscopy Study. Frontiers in Human Neuroscience, 2022, 16, 798416.	1.0	3
379	A Real-Time Wearable Physiological Monitoring System for Home-Based Healthcare Applications. Sensors, 2022, 22, 104.	2.1	16
380	Cerebellar pathology in motor neuron disease: neuroplasticity and neurodegeneration. Neural Regeneration Research, 2022, 17, 2335.	1.6	14
381	Using Robot-Based Variables during Upper Limb Robot-Assisted Training in Subacute Stroke Patients to Quantify Treatment Dose. Sensors, 2022, 22, 2989.	2.1	6
382	Comparison of transcallosal inhibition between hemispheres and its relationship with motor behavior in patients with severe upper extremity impairment after subacute stroke. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106469.	0.7	3
394	Analysis of influencing factors of rehabilitation treatment effect in patients with first-episode stroke American Journal of Translational Research (discontinued), 2021, 13, 14046-14056.	0.0	0
395	Tracking the Effect of Therapy With Single-Trial Based Classification After Stroke. Frontiers in Systems Neuroscience, 2022, 16, .	1.2	1
396	E3 ubiquitin ligases and cerebral cortex development in health and disease. Developmental Neurobiology, 2022, , .	1.5	0
397	Clinical perspectives on vagus nerve stimulation: present and future. Clinical Science, 2022, 136, 695-709.	1.8	20
398	Efficacy of repetitive transcranial magnetic stimulation in treating stroke aphasia: Systematic review and meta-analysis. Clinical Neurophysiology, 2022, 140, 196-227.	0.7	10
399	A Tailored Music-Motor Therapy and Real-Time Biofeedback Mobile Phone App (â€~GotRhythm') to Promote Rehabilitation Following Stroke: A Pilot Study. Neuroscience Insights, 2022, 17, 263310552211005.	0.9	12
401	Proprioceptive based training or modified constraint-induced movement therapy on upper extremity motor functions in chronic stroke patients: A randomized controlled study. NeuroRehabilitation, 2022, , 1-12.	0.5	3

#	Article	IF	CITATIONS
403	Association of Pre-stroke Frailty With Prognosis of Elderly Patients With Acute Cerebral Infarction: A Cohort Study. Frontiers in Neurology, 0, 13, .	1.1	10
405	Neuroplasticity. , 2022, , 1-30.		2
406	Research progress on changes in brain network connections after stroke. , 2022, , .		0
407	Effects of whole-body vibration training on lower limb motor function and neural plasticity in patients with stroke: protocol for a randomised controlled clinical trial. BMJ Open, 2022, 12, e060796.	0.8	4
408	BCI-FES With Multimodal Feedback for Motor Recovery Poststroke. Frontiers in Human Neuroscience, 0, 16, .	1.0	3
409	Clozapine-Induced Chemogenetic Neuromodulation Rescues Post-Stroke Deficits After Chronic Capsular Infarct. Translational Stroke Research, 0, , .	2.3	0
410	fNIRS-based adaptive visuomotor task improves sensorimotor cortical activation. Journal of Neural Engineering, 2022, 19, 046023.	1.8	3
411	Mechanisms of Xiong-Pi-Fang in treating coronary heart disease associated with depression: A systematic pharmacology strategy and in vivo pharmacological validation. Journal of Ethnopharmacology, 2022, 298, 115631.	2.0	3
412	Sleep Monitoring during Acute Stroke Rehabilitation: Toward Automated Measurement Using Multimodal Wireless Sensors. Sensors, 2022, 22, 6190.	2.1	2
413	Editorial: Long term disability in neurological disease: A rehabilitation perspective. Frontiers in Neurology, 0, 13, .	1.1	0
414	A study of therapeutic intervention methods to improve proprioception among hemiplegic stroke patients. International Journal of Advanced and Applied Sciences, 2022, 9, 40-49.	0.2	0
415	Transcranial direct current stimulation for gait recovery following stroke: A systematic review of current literature and beyond. Frontiers in Neurology, 0, 13, .	1.1	3
416	Dyke-Davidoff-Masson syndrome: Imaging diagnosis in an asymptomatic adult. Radiology Case Reports, 2022, 17, 4328-4331.	0.2	3
417	The addition of mirror therapy improved upper limb motor recovery and level of independence after stroke: a randomized controlled trial. Brazilian Journal of Occupational Therapy, 0, 30, .	0.5	1
418	Effect on Hand Function After Six-week Use of a Wearable Soft-Robotic Glove Assisting ADL: Interim Results of an Ongoing Clinical Study. , 2022, , .		0
419	Effects of atrial fibrillation on motor outcome in patients with cerebral infarction. Medicine (United) Tj ETQq1 1 C).784314 0.4	rgBT /Overlo
420	Postacute Rehabilitation Impact on Functional Recovery Outcome and Quality of Life in Stroke Survivors: Six Month Follow-Up. Medicina (Lithuania), 2022, 58, 1185.	0.8	0
421	Supervised Classification of Motor-Rehabilitation Body Movements with RGB Cameras and Pose Tracking Data. Journal on Interactive Systems, 2022, 13, 221-231.	0.5	0

#	Article	IF	CITATIONS
422	Relation Between EEG Measures and Upper Limb Motor Recovery in Stroke Patients: A Scoping Review. Brain Topography, 2022, 35, 651-666.	0.8	16
423	Exploration on neurobiological mechanisms of the central–peripheral–central closed-loop rehabilitation. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	12
424	Reorganization in the macaque interoceptive-allostatic network following anterior cingulate cortex damage. Cerebral Cortex, 2023, 33, 4334-4349.	1.6	1
425	Circular RNA circPRDX3 mediates neuronal survival apoptosis in ischemic stroke by targeting miR-641 and NPR3. Brain Research, 2022, 1797, 148114.	1.1	1
426	Dissecting Polygenic Etiology of Ischemic Stroke in the Era of Precision Medicine. Journal of Clinical Medicine, 2022, 11, 5980.	1.0	1
427	Protective Effects of 4-Trifluoromethyl-(<i>E</i>)-cinnamoyl]- <i>L</i> -4- <i>F</i> -phenylalanine Acid against Chronic Cerebral Hypoperfusion Injury through Promoting Brain-Derived Neurotrophic Factor-Mediated Neurogenesis. ACS Chemical Neuroscience, 2022, 13, 3057-3067.	1.7	2
428	Targeting neuroplasticity to improve motor recovery after stroke: an artificial neural network model. Brain Communications, 2022, 4, .	1.5	6
429	Transcranial direct current stimulation over the primary motor cortex improves speech production in post-stroke dysarthric speakers: A randomized pilot study. PLoS ONE, 2022, 17, e0275779.	1.1	2
430	Individual electric field predicts functional connectivity changes after anodal transcranial direct-current stimulation in chronic stroke. Neuroscience Research, 2023, 186, 21-32.	1.0	6
431	Rehabilitation of motor function after stroke: A bibliometric analysis of global research from 2004 to 2022. Frontiers in Aging Neuroscience, 0, 14, .	1.7	12
432	BCI-Based Neuroprostheses and Physiotherapies for Stroke Motor Rehabilitation. , 2022, , 509-524.		0
434	Rhynchophylline ameliorates cerebral ischemia by improving the synaptic plasticity in a middle cerebral artery occlusion induced stroke model. European Journal of Pharmacology, 2023, 940, 175390.	1.7	2
435	Virtual reality augments effectiveness of treadmill walking training in patients with walking and balance impairments: A systematic review and meta-analysis of randomized controlled trials. Clinical Rehabilitation, 2023, 37, 603-619.	1.0	1
436	Implementing Performance Accommodation Mechanisms in Online BCI for Stroke Rehabilitation: A Study on Perceived Control and Frustration. Sensors, 2022, 22, 9051.	2.1	2
437	Combined Effect of Constraint Induced Movement Therapy and Neural Mobilization Technique on Upper Extremity Function in Spastic Hemiplegic Patient – A Single Case Study. International Journal of Health Sciences and Pharmacy, 0, , 220-229.	0.0	0
438	Bibliometric analysis on Brain-computer interfaces in a 30-year period. Applied Intelligence, 2023, 53, 16205-16225.	3.3	2
439	Multimodal physical training combined with tDCS improves physical fitness components in people after stroke: a double-blind randomized controlled trial. Topics in Stroke Rehabilitation, 2023, 30, 635-648.	1.0	2
441	Baseline Function and Rehabilitation Are as Important as Stroke Severity as Long-term Predictors of Cognitive Performance Post-stroke. American Journal of Physical Medicine and Rehabilitation, 2023, 102, S43-S50.	0.7	2

#	Article	IF	CITATIONS
442	Fine-grained brain tissue segmentation for brain modeling of stroke patient. Computers in Biology and Medicine, 2023, 153, 106472.	3.9	6
443	Repetitive Transcranial Magnetic Stimulation of the Brain Region Activated by Motor Imagery Involving a Paretic Wrist and Hand for Upper-Extremity Motor Improvement in Severe Stroke: A Preliminary Study. Brain Sciences, 2023, 13, 69.	1.1	2
444	Effect of Transcranial Alternating Current Stimulation on Anxiety and Hemodynamic Response in Patients Undergoing Surgery: A Double-Blind Controlled Clinical Trial. Iranian South Medical Journal, 2020, 23, 302-311.	0.2	0
445	Measuring Brain Activation Patterns from Raw Single-Channel EEG during Exergaming: A Pilot Study. Electronics (Switzerland), 2023, 12, 623.	1.8	3
446	Physical exercise mediates a cortical FMRP–mTOR pathway to improve resilience against chronic stress in adolescent mice. Translational Psychiatry, 2023, 13, .	2.4	6
447	Effects of a 12-week, seated, virtual, home-based tele-exercise programme compared with a prerecorded video-based exercise programme in people with chronic neurological impairments: protocol for a randomised controlled trial. BMJ Open, 2023, 13, e065032.	0.8	1
448	The corticomuscular coupling underlying movement and its application for rehabilitation: a review. , 2023, 2, .		2
449	Epigenetic modifications in the motor cortex caused by exercise or pharmacological inhibition of histone deacetylases (HDACs) after intracerebral hemorrhage (ICH). Brain Research, 2023, 1806, 148286.	1.1	2
450	Multifunctional injectable hydrogel promotes functional recovery after stroke by modulating microglial polarization, angiogenesis and neuroplasticity. Chemical Engineering Journal, 2023, 464, 142520.	6.6	4
451	Actigraphic Sensors Describe Stroke Severity in the Acute Phase: Implementing Multi-Parametric Monitoring in Stroke Unit. Journal of Clinical Medicine, 2023, 12, 1178.	1.0	1
452	Upper limb intelligent feedback robot training significantly activates the cerebral cortex and promotes the functional connectivity of the cerebral cortex in patients with stroke: A functional near-infrared spectroscopy study. Frontiers in Neurology, 0, 14, .	1.1	3
453	Stroke Patients: Effects of Combining Sitting Table Tennis Exercise with Neurological Physical Therapy on Brain Waves. The Journal of Korean Physical Therapy, 2023, 35, 19-23.	0.1	0
454	Cyclo (MQCNS) has the potential to treat ischemic stroke. Neural Regeneration Research, 2023, .	1.6	0
455	Dynamic Field Programmable Logic-Driven Soft Exosuit. IEEE Sensors Journal, 2023, , 1-1.	2.4	Ο
456	Considerations for at-home upper-limb rehabilitation technology following stroke: Perspectives of stroke survivors and therapists. Journal of Rehabilitation and Assistive Technologies Engineering, 2023, 10, 205566832311718.	0.6	0
463	A Comprehensive Survey on Rehabilitative Applications of Electroencephalogram in Healthcare. Advances in Medical Diagnosis, Treatment, and Care, 2023, , 13-43.	0.1	1
474	mHealth Impact on Gait and Dynamic Balance Outcomes in Neurorehabilitation: Systematic Review and Meta-analysis. Journal of Medical Systems, 2023, 47, .	2.2	5
475	Developing an Untethered Soft Robot for Finger Rehabilitation. , 2023, , .		Ο

#	Article	IF	CITATIONS
485	Mechanical Feedback Variant in BCI. , 2023, , .		0
488	Immersive virtual reality-based rehabilitation for subacute stroke: a randomized controlled trial. Journal of Neurology, 2024, 271, 1256-1266.	1.8	1
496	Translation of principles of motor control to improve sensorimotor outcomes following brain injury. , 2024, , 325-347.		0