Carolee Joyce Winstein

List of Publications by Year
in descending order

192 papers	13,143 citations	36203 51 h-index	25716 108 g-index
217 all docs	217 docs citations	217 times ranked	9832 citing authors

#	Article	IF	Citations
1	Guidelines for Adult Stroke Rehabilitation and Recovery. Stroke, 2016, 47, e98-e169.	1.0	1,847
2	Effect of Constraint-Induced Movement Therapy on Upper Extremity Function 3 to 9 Months After Stroke. JAMA - Journal of the American Medical Association, 2006, 296, 2095.	3.8	1,608
3	Reduced frequency of knowledge of results enhances motor skill learning.. Journal of Experimental Psychology: Learning Memory and Cognition, 1990, 16, 677-691.	0.7	441
4	Standardized measurement of sensorimotor recovery in stroke trials: Consensus-based core recommendations from the Stroke Recovery and Rehabilitation Roundtable. International Journal of Stroke, 2017, 12, 451-461.	2.9	352
5	Learningâ€"performance distinction and memory processes for motor skills: A focused review and perspective. Behavioural Brain Research, 2012, 228, 219-231.	1.2	311
6	Retention of upper limb function in stroke survivors who have received constraint-induced movement therapy: the EXCITE randomised trial. Lancet Neurology, The, 2008, 7, 33-40.	4.9	306
7	Knowledge of Results and Motor Learningâ€"Implications for Physical Therapy. Physical Therapy, 1991, 71, 140-149.	1.1	293
8	A randomized controlled comparison of upper-extremity rehabilitation strategies in acute stroke: a pilot study of immediate and long-term outcomes. Archives of Physical Medicine and Rehabilitation, 2004, 85, 620-628.	0.5	291
9	Effect of a Task-Oriented Rehabilitation Program on Upper Extremity Recovery Following Motor Stroke. JAMA - Journal of the American Medical Association, 2016, 315, 571.	3.8	263
10	Methods for a Multisite Randomized Trial to Investigate the Effect of Constraint-Induced Movement Therapy in Improving Upper Extremity Function among Adults Recovering from a Cerebrovascular Stroke. Neurorehabilitation and Neural Repair, 2003, 17, 137-152.	1.4	226
11	The EXCITE Trial: Attributes of the Wolf Motor Function Test in Patients with Subacute Stroke. Neurorehabilitation and Neural Repair, 2005, 19, 194-205.	1.4	215
12	Motor Task Difficulty and Brain Activity: Investigation of Goal-Directed Reciprocal Aiming Using Positron Emission Tomography. Journal of Neurophysiology, 1997, 77, 1581-1594.	0.9	212
13	Effects of Physical Guidance and Knowledge of Results on Motor Learning: Support for the Guidance Hypothesis. Research Quarterly for Exercise and Sport, 1994, 65, 316-323.	0.8	209
14	Validity of Accelerometry for Monitoring Real-World Arm Activity in Patients With Subacute Stroke: Evidence From the Extremity Constraint-Induced Therapy Evaluation Trial. Archives of Physical Medicine and Rehabilitation, 2006, 87, 1340-1345.	0.5	205
15	Effects of Task-Specific Locomotor and Strength Training in Adults Who Were Ambulatory After Stroke: Results of the STEPS Randomized Clinical Trial. Physical Therapy, 2007, 87, 1580-1602.	1.1	202
16	The EXCITE Stroke Trial. Stroke, 2010, 41, 2309-2315.	1.0	192
17	The Mirror Neuron System: A Neural Substrate for Methods in Stroke Rehabilitation. Neurorehabilitation and Neural Repair, 2010, 24, 404-412.	1.4	188
18	Socially assistive robotics for post-stroke rehabilitation. Journal of NeuroEngineering and Rehabilitation, 2007, 4, 5.	2.4	176

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19	A large, open source dataset of stroke anatomical brain images and manual lesion segmentations. Scientific Data, 2018, 5, 180011.	2.4	170
20	Neural substrates of motor memory consolidation depend on practice structure. Nature Neuroscience, 2010, 13, 923-925.	7.1	156
21	Motor Cortex Activation During Treatment May Predict Therapeutic Gains in Paretic Hand Function After Stroke. Stroke, 2006, 37, 1552-1555.	1.0	155
22	Can Neurological Biomarkers of Brain Impairment Be Used to Predict Poststroke Motor Recovery? A Systematic Review. Neurorehabilitation and Neural Repair, 2017, 31, 3-24.	1.4	145
23	Infusing Motor Learning Research Into Neurorehabilitation Practice. Journal of Neurologic Physical Therapy, 2014, 38, 190-200.	0.7	140
24	Standardized Measurement of Sensorimotor Recovery in Stroke Trials: Consensus-Based Core Recommendations from the Stroke Recovery and Rehabilitation Roundtable. Neurorehabilitation and Neural Repair, 2017, 31, 784-792.	1.4	135
25	Explicit Information Interferes with Implicit Motor Learning of Both Continuous and Discrete Movement Tasks After Stroke. Journal of Neurologic Physical Therapy, 2006, 30, 46-57.	0.7	131
26	Strengthening and Optimal Movements for Painful Shoulders (STOMPS) in Chronic Spinal Cord Injury: A Randomized Controlled Trial. Physical Therapy, 2011, 91, 305-324.	1.1	131
27	Epidural Electrical Stimulation for Stroke Rehabilitation. Neurorehabilitation and Neural Repair, 2016, 30, 107-119.	1.4	131
28	Providing Explicit Information Disrupts Implicit Motor Learning After Basal Ganglia Stroke. Learning and Memory, 2004, 11, 388-396.	0.5	123
29	Impact of Explicit Information on Implicit Motor-Sequence Learning Following Middle Cerebral Artery Stroke. Physical Therapy, 2003, 83, 976-989.	1.1	118
30	Learning a Partial-Weight-Bearing Skill: Effectiveness of Two Forms of Feedback. Physical Therapy, 1996, 76, 985-993.	1.1	113
31	Implicit motor-sequence learning in humans following unilateral stroke: the impact of practice and explicit knowledge. Neuroscience Letters, 2001, 298, 65-69.	1.0	112
32	A Functional Threshold for Long-Term Use of Hand and Arm Function Can Be Determined: Predictions From a Computational Model and Supporting Data From the Extremity Constraint-Induced Therapy Evaluation (EXCITE) Trial. Physical Therapy, 2009, 89, 1327-1336.	1.1	99
33	Neurogenic Dysphagia. Physical Therapy, 1983, 63, 1992-1997.	1.1	96
34	Bimanual Training After Stroke: Are Two Hands Better Than One?. Topics in Stroke Rehabilitation, 2004, 11, 20-30.	1.0	95
35	Standardized Measurement of Quality of Upper Limb Movement After Stroke: Consensus-Based Core Recommendations From the Second Stroke Recovery and Rehabilitation Roundtable. Neurorehabilitation and Neural Repair, 2019, 33, 951-958.	1.4	84
36	Standardized measurement of quality of upper limb movement after stroke: Consensus-based core recommendations from the Second Stroke Recovery and Rehabilitation Roundtable. International Journal of Stroke, 2019, 14, 783-791.	2.9	84

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37	Determining the Optimal Challenge Point for Motor Skill Learning in Adults With Moderately Severe Parkinson's Disease. Neurorehabilitation and Neural Repair, 2008, 22, 385-395.	1.4	81
38	The EXCITE Trial: Predicting a Clinically Meaningful Motor Activity Log Outcome. Neurorehabilitation and Neural Repair, 2008, 22, 486-493.	1.4	79
39	A Systematic Review of Voluntary Arm Recovery in Hemiparetic Stroke. Journal of Neurologic Physical Therapy, 2009, 33, 2-13.	0.7	78
40	Cerebellar Stroke Impairs Temporal but not Spatial Accuracy during Implicit Motor Learning. Neurorehabilitation and Neural Repair, 2004, 18, 134-143.	1.4	77
41	Evolution of fMRI Activation in the Perilesional Primary Motor Cortex and Cerebellum With Rehabilitation Training-Related Motor Gains After Stroke: A Pilot Study. Neurorehabilitation and Neural Repair, 2007, 21, 412-428.	1.4	75
42	Qualitative Dynamics of Disordered Human Locomotion. Journal of Motor Behavior, 1989, 21, 373-391.	0.5	73
43	Design for the Everest Randomized Trial of Cortical Stimulation and Rehabilitation for Arm Function Following Stroke. Neurorehabilitation and Neural Repair, 2009, 23, 32-44.	1.4	72
44	Manual asymmetries in grasp pre-shaping and transportâ€“grasp coordination. Experimental Brain Research, 2008, 188, 305-315.	0.7	71
45	Use It and Improve It or Lose It: Interactions between Arm Function and Use in Humans Post-stroke. PLoS Computational Biology, 2012, 8, e1002343.	1.5	67
46	Modulating the Motor System by Action Observation After Stroke. Stroke, 2013, 44, 2247-2253.	1.0	67
47	Learning Implicitly: Effects of Task and Severity After Stroke. Neurorehabilitation and Neural Repair, 2007, 21, 444-454.	1.4	63
48	Accelerating Stroke Recovery: Body Structures and Functions, Activities, Participation, and Quality of Life Outcomes From a Large Rehabilitation Trial. Neurorehabilitation and Neural Repair, 2018, 32, 150-165.	1.4	61
49	Translating the science into practice. Progress in Brain Research, 2015, 218, 331-360.	0.9	60
50	Quantifying Arm Nonuse in Individuals Poststroke. Neurorehabilitation and Neural Repair, 2013, 27, 439-447.	1.4	59
51	Intervention to enhance skilled arm and hand movements after stroke: A feasibility study using a new virtual reality system. Journal of NeuroEngineering and Rehabilitation, 2007, 4, 21.	2.4	57
52	Interdisciplinary Comprehensive Arm Rehabilitation Evaluation (ICARE): a randomized controlled trial protocol. BMC Neurology, 2013, 13, 5.	0.8	57
53	Measurement Structure of the Wolf Motor Function Test: Implications for Motor Control Theory. Neurorehabilitation and Neural Repair, 2010, 24, 791-801.	1.4	54
54	Mechanisms of the contextual interference effect in individuals poststroke. Journal of Neurophysiology, 2011, 106, 2632-2641.	0.9	54

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55	Task-Oriented Rehabilitation Robotics. American Journal of Physical Medicine and Rehabilitation, 2012, 91, S270-S279.	0.7	54
56	The <scp>ENIGMA</scp> Stroke Recovery Working Group: Big data neuroimaging to study brainâ€"behavior relationships after stroke. Human Brain Mapping, 2022, 43, 129-148.	1.9	54
57	Virtual Reality and Robotics for Stroke Rehabilitation: Where Do We Go from Here?. Topics in Stroke Rehabilitation, 2011, 18, 685-700.	1.0	53
58	Dosage Matters. Stroke, 2019, 50, 1831-1837.	1.0	52
59	Impact of explicit information on implicit motor-sequence learning following middle cerebral artery stroke. Physical Therapy, 2003, 83, 976-89.	1.1	50
60	Practice effects on the less-affected upper extremity after stroke. Archives of Physical Medicine and Rehabilitation, 1999, 80, 668-675.	0.5	48
61	Contextual Interference Effect: Elaborative Processing or Forgettingâ€"Reconstruction? A Post Hoc Analysis of Transcranial Magnetic Stimulationâ€"Induced Effects on Motor Learning. Journal of Motor Behavior, 2008, 40, 578-586.	0.5	48
62	Age Affects the Attentional Demands of Stair Ambulation: Evidence From a Dual-Task Approach. Physical Therapy, 2009, 89, 1080-1088.	1.1	48
63	An Intensive, Progressive Exercise Program Reduces Disability and Improves Functional Performance in Patients After Single-Level Lumbar Microdiskectomy. Physical Therapy, 2009, 89, 1145-1157.	1.1	43
64	Does Action Observation Training With Immediate Physical Practice Improve Hemiparetic Upper-Limb Function in Chronic Stroke?. Neurorehabilitation and Neural Repair, 2015, 29, 807-817.	1.4	43
65	The Excite Trial: relationship of intensity of constraint induced movement therapy to improvement in the wolf motor function test. Restorative Neurology and Neuroscience, 2007, 25, 549-62.	0.4	43
66	Been there, done that, so whatâ€™s next for arm and hand rehabilitation in stroke?. NeuroRehabilitation, 2018, 43, 3-18.	0.5	40
67	Dual-task practice enhances motor learning: a preliminary investigation. Experimental Brain Research, 2012, 222, 201-210.	0.7	39
68	Effect of Task Practice Order on Motor Skill Learning in Adults With Parkinson Disease: A Pilot Study. Physical Therapy, 2007, 87, 1120-1131.	1.1	38
69	Hemispheric specialization in the co-ordination of arm and trunk movements during pointing in patients with unilateral brain damage. Experimental Brain Research, 2003, 148, 488-497.	0.7	35
70	Functional Deficits in the Less-Impaired Arm of Stroke Survivors Depend on Hemisphere of Damage and Extent of Paretic Arm Impairment. Neurorehabilitation and Neural Repair, 2020, 34, 39-50.	1.4	35
71	Six hours in the laboratory: a quantification of practice time during constraint-induced therapy (CIT). Clinical Rehabilitation, 2007, 21, 950-958.	1.0	33
72	A large, curated, open-source stroke neuroimaging dataset to improve lesion segmentation algorithms. Scientific Data, 2022, 9, .	2.4	33

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73	Reliability of intracortical and corticomotor excitability estimates obtained from the upper extremities in chronic stroke. Neuroscience Research, 2007, 58, 19-31.	1.0	31
74	Minimal Detectable Change of the Actual Amount of Use Test and the Motor Activity Log. Neurorehabilitation and Neural Repair, 2012, 26, 507-514.	1.4	30
75	Short-Duration and Intensive Training Improves Long-Term Reaching Performance in Individuals With Chronic Stroke. Neurorehabilitation and Neural Repair, 2016, 30, 551-561.	1.4	30
76	Looking in the Rear View Mirror When Conversing With Back Seat Drivers: The EXCITE Trial Revisited. Neurorehabilitation and Neural Repair, 2007, 21, 379-387.	1.4	29
77	Hemisphere Specific Impairments in Reach-to-Grasp Control After Stroke: Effects of Object Size. Neurorehabilitation and Neural Repair, 2009, 23, 679-691.	1.4	29
78	Movement Science and Its Relevance to Physical Therapy. Physical Therapy, 1990, 70, 759-762.	1.1	27
79	Control of reach extent with the paretic and nonparetic arms after unilateral sensorimotor stroke: kinematic differences based on side of brain damage. Experimental Brain Research, 2014, 232, 2407-2419.	0.7	26
80	Influence of central set on anticipatory and triggered grip-force adjustments. Experimental Brain Research, 2000, 130, 298-308.	0.7	25
81	Neural Correlate of the Contextual Interference Effect in Motor Learning: A Kinematic Analysis. Journal of Motor Behavior, 2009, 41, 232-242.	0.5	25
82	Anticipatory Planning of Functional Reach-to-Grasp. Neurorehabilitation and Neural Repair, 2012, 26, 957-967.	1.4	25
83	Temporal Coupling Is More Robust Than Spatial Coupling: An Investigation of Interlimb Coordination After Stroke. Journal of Motor Behavior, 2013, 45, 313-324.	0.5	25
84	Motor Lateralization Provides a Foundation for Predicting and Treating Non-paretic Arm Motor Deficits in Stroke. Advances in Experimental Medicine and Biology, 2016, 957, 257-272.	0.8	25
85	Predictors of Arm Nonuse in Chronic Stroke: A Preliminary Investigation. Neurorehabilitation and Neural Repair, 2020, 34, 512-522.	1.4	25
86	Sensoryâ€"motor control in the ipsilesional upper extremity after stroke. NeuroRehabilitation, 1997, 9, 57-69.	0.5	24
87	Planning and adjustments for the control of reach extent in a virtual environment. Journal of NeuroEngineering and Rehabilitation, 2013, 10, 27.	2.4	24
88	Outcome measures for hand function naturally reveal three latent domains in older adults: strength, coordinated upper extremity function, and sensorimotor processing. Frontiers in Aging Neuroscience, 2015, 7, 108.	1.7	24
89	Active Video Games and Low-Cost Virtual Reality: An Ideal Therapeutic Modality for Children With Physical Disabilities During a Global Pandemic. Frontiers in Neurology, 2020, 11, 601898.	1.1	23
90	Conditions of task practice for individuals with neurologic impairments. , 0, , 89-102.		22

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91	Discriminant validity of a new measure of self-efficacy for reaching movements after stroke-induced hemiparesis. Journal of Hand Therapy, 2013, 26, 116-123.	0.7	22
92	Virtual reality applications for addressing the needs of those aging with disability. Studies in Health Technology and Informatics, 2011, 163, 510-6.	0.2	22
93	Neural Correlates of the Contextual Interference Effect in Motor Learning: A Transcranial Magnetic Stimulation Investigation. Journal of Motor Behavior, 2010, 42, 223-232.	0.5	21
94	Home Monitoring Musculo-skeletal Disorders with a Single 3D Sensor. , 2013, , .		21
95	Control of reach extent with the paretic and nonparetic arms after unilateral sensorimotor stroke II: planning and adjustments to control movement distance. Experimental Brain Research, 2014, 232, 3431-3443.	0.7	21
96	Stroke Lesions in a Large Upper Limb Rehabilitation Trial Cohort Rarely Match Lesions in Common Preclinical Models. Neurorehabilitation and Neural Repair, 2017, 31, 509-520.	1.4	21
97	Feasibility Investigation of the Accelerated Skill Acquisition Program (ASAP): Insights into Reach-to-Grasp Coordination of Individuals with Postacute Stroke. Topics in Stroke Rehabilitation, 2013, 20, 151-160.	1.0	20
98	Age-Related Effects on Temporal Strategies to Speed Motor Performance. Journal of Aging and Physical Activity, 1998, 6, 45-61.	0.5	19
99	Self-efficacy and Reach Performance in Individuals With Mild Motor Impairment Due to Stroke. Neurorehabilitation and Neural Repair, 2019, 33, 319-328.	1.4	19
100	Secondary Mediation and Regression Analyses of the PTClinResNet Database: Determining Causal Relationships Among the International Classification of Functioning, Disability and Health Levels for Four Physical Therapy Intervention Trials. Physical Therapy, 2011, 91, 1766-1779.	1.1	18
101	A comparison of seven different DTI-derived estimates of corticospinal tract structural characteristics in chronic stroke survivors. Journal of Neuroscience Methods, 2018, 304, 66-75.	1.3	18
102	Pediatric endurance and limb strengthening for children with cerebral palsy (PEDALS) â€" a randomized controlled trial protocol for a stationary cycling intervention. BMC Pediatrics, 2007, 7, 14.	0.7	17
103	Transfer of Motor Learning Engages Specific Neural Substrates During Motor Memory Consolidation Dependent on the Practice Structure. Journal of Motor Behavior, 2011, 43, 499-507.	0.5	17
104	Evaluation of Attentional Demands During Motor Learning: Validity of a Dual-Task Probe Paradigm. Journal of Motor Behavior, 2014, 46, 95-105.	0.5	17
105	A Comparison of Older Adultsâ€™ Subjective Experiences With Virtual and Real Environments During Dynamic Balance Activities. Journal of Aging and Physical Activity, 2015, 23, 24-33.	0.5	17
106	How a diverse research ecosystem has generated new rehabilitation technologies: Review of NIDILRRâ€™s Rehabilitation Engineering Research Centers. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 109.	2.4	17
107	An investigation into the validity and reliability of mHealth devices for counting steps in chronic stroke survivors. Clinical Rehabilitation, 2020, 34, 394-403.	1.0	17
108	The Efficiency, Efficacy, and Retention of Task Practice in Chronic Stroke. Neurorehabilitation and Neural Repair, 2020, 34, 881-890.	1.4	17

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109	Relationship Between Motor Capacity of the Contralesional and Ipsilesional Hand Depends on the Side of Stroke in Chronic Stroke Survivors With Mild-to-Moderate Impairment. Frontiers in Neurology, 2019, 10, 1340.	1.1	17
110	Does the Cholinesterase Inhibitor, Donepezil, Benefit Both Declarative and Non-Declarative Processes in Mild to Moderate Alzheimers Disease?. Current Alzheimer Research, 2007, 4, 273-276.	0.7	16
111	Interrater Reliability of the Wolf Motor Function Testâ€"Functional Ability Scale. Neurorehabilitation and Neural Repair, 2015, 29, 436-443.	1.4	16
112	Spectral Analyses of Wrist Motion in Individuals Poststroke. Neurorehabilitation and Neural Repair, 2014, 28, 169-178.	1.4	15
113	Medical Rehabilitation: Guidelines to Advance the Field With High-Impact Clinical Trials. Archives of Physical Medicine and Rehabilitation, 2018, 99, 2637-2648.	0.5	15
114	Innovative Technologies for Rehabilitation and Health Promotion: What Is the Evidence?. Physical Therapy, 2015, 95, 294-298.	1.1	14
115	Robot-assisted and conventional therapies produce distinct rehabilitative trends in stroke survivors. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 92.	2.4	14
116	A perspective on the use of ecological momentary assessment and intervention to promote stroke recovery and rehabilitation. Topics in Stroke Rehabilitation, 2021, 28, 594-605.	1.0	14
117	Context-Dependent Learning in People With Parkinson's Disease. Journal of Motor Behavior, 2016, 48, 240-248.	0.5	13
118	The ATTEND trial: An alternative explanation with implications for future recovery and rehabilitation clinical trials. International Journal of Stroke, 2018, 13, 112-116.	2.9	13
119	Laterality of Poststroke Cortical Motor Activity during Action Observation Is Related to Hemispheric Dominance. Neural Plasticity, 2018, 2018, 1-14.	1.0	13
120	The Utility of Domain-Specific End Points in Acute Stroke Trials. Stroke, 2021, 52, 1154-1161.	1.0	13
121	Function of the â€˜directâ€™ and â€˜indirectâ€™ pathways of the basal ganglia motor loop: evidence from reciprocal aiming movements in Parkinsonâ€™s disease. Cognitive Brain Research, 2001, 10, 329-332.	3.3	12
122	A Transformative Subfield in Rehabilitation Science at the Nexus of New Technologies, Aging, and Disability. Frontiers in Psychology, 2012, 3, 340.	1.1	12
123	Changing oneâ€™s focus of attention alters the structure of movement variability. Human Movement Science, 2018, 62, 14-24.	0.6	12
124	Translation and validation of the stroke self-efficacy questionnaire to a Portuguese version in stroke survivors. Topics in Stroke Rehabilitation, 2020, 27, 462-472.	1.0	12
125	Five Features to Look for in Early-Phase Clinical Intervention Studies. Neurorehabilitation and Neural Repair, 2021, 35, 3-9.	1.4	12
126	Bimanual Training After Stroke: Are Two Hands Better Than One?. , 0, .		12

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127	mHealth technologies used to capture walking and arm use behavior in adult stroke survivors: a scoping review beyond measurement properties. Disability and Rehabilitation, 2022, 44, 6094-6106.	0.9	11
128	Virtuous and Vicious Cycles of Arm Use and Function Post-stroke. Frontiers in Neurology, 2022, 13, 804211.	1.1	11
129	Measuring Habitual Arm Use Post-stroke With a Bilateral Time-Constrained Reaching Task. Frontiers in Neurology, 2018, 9, 883.	1.1	10
130	The probability of choosing both hands depends on an interaction between motor capacity and limb-specific control in chronic stroke. Experimental Brain Research, 2020, 238, 2569-2579.	0.7	10
131	Effort, success, and side of lesion determine arm choice in individuals with chronic stroke. Journal of Neurophysiology, 2022, 127, 255-266.	0.9	10
132	Corticospinal Tract Lesion Load Originating From Both Ventral Premotor and Primary Motor Cortices Are Associated With Post-stroke Motor Severity. Neurorehabilitation and Neural Repair, 2022, 36, 179-182.	1.4	10
133	Development of a novel imaging informatics-based system with an intelligent workflow engine (IWEIS) to support imaging-based clinical trials. Computers in Biology and Medicine, 2016, 69, 261-269.	3.9	9
134	Skilled Reach Performance Correlates With Corpus Callosum Structural Integrity in Individuals With Mild Motor Impairment After Stroke: A Preliminary Investigation. Neurorehabilitation and Neural Repair, 2017, 31, 657-665.	1.4	9
135	Thoughts About the Negative Results of Clinical Trials in Rehabilitation Medicine. Kinesiology Review, 2018, 7, 58-63.	0.4	9
136	Remedial Training of the Less-Impaired Arm in Chronic Stroke Survivors With Moderate to Severe Upper-Extremity Paresis Improves Functional Independence: A Pilot Study. Frontiers in Human Neuroscience, 2021, 15, 645714.	1.0	9
137	Effects of Different Doses of Low Frequency rTMS on Motor Corticospinal Excitability. Journal of Neurology & Neurophysiology, 2010, 01, .	0.1	9
138	Corrigendum to â€œSensoryâ€”motor control in the ipsilesional upper extremity after strokeâ€• [NeuroRehabilitation 9 (1997) 57â€"69]â˜†. NeuroRehabilitation, 1997, 9, 245-249.	0.5	8
139	Functional MRI Preprocessing in Lesioned Brains: Manual Versus Automated Region of Interest Analysis. Frontiers in Neurology, 2015, 6, 196.	1.1	8
140	Reduced Upper Limb Recovery in Subcortical Stroke Patients With Small Prior Radiographic Stroke. Frontiers in Neurology, 2019, 10, 454.	1.1	8
141	A Novel Combination of Accelerometry and Ecological Momentary Assessment for Post-Stroke Paretic Arm/Hand Use: Feasibility and Validity. Journal of Clinical Medicine, 2021, 10, 1328.	1.0	8
142	Young adults with recurrent low back pain demonstrate altered trunk coordination during gait independent of pain status and attentional demands. Experimental Brain Research, 2021, 239, 1937-1949.	0.7	8
143	Corticospinal Tract Microstructure Predicts Distal Arm Motor Improvements in Chronic Stroke. Journal of Neurologic Physical Therapy, 2021, 45, 273-281.	0.7	8
144	Genetic Factors, Brain Atrophy, and Response to Rehabilitation Therapy After Stroke. Neurorehabilitation and Neural Repair, 2022, 36, 131-139.	1.4	8

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145	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. Journal of the American Heart Association, 2022, 11, e025109.	1.6	8
146	The Physical Therapy Clinical Research Network (PTClinResNet). American Journal of Physical Medicine and Rehabilitation, 2008, 87, 937-950.	0.7	7
147	Estimating minimal clinically important differences for two scales in patients with chronic traumatic brain injury. Current Medical Research and Opinion, 2020, 36, 1999-2007.	0.9	7
148	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. Brain Communications, 2021, 3, fcab254.	1.5	7
149	Monitoring mobility disorders at home using 3D visual sensors and mobile sensors. , 2013, , .		6
150	Investigation of Perceptual-Motor Behavior Across the Expert Athlete to Disabled Patient Skill Continuum can Advance Theory and Practical Application. Journal of Motor Behavior, 2018, 50, 697-707.	0.5	6
151	Motor Deficits in the Ipsilesional Arm of Severely Paretic Stroke Survivors Correlate With Functional Independence in Left, but Not Right Hemisphere Damage. Frontiers in Human Neuroscience, 2020, 14, 599220.	1.0	6
152	Persons in remission from recurrent low back pain alter trunk coupling under dual-task interference during a dynamic balance task. Experimental Brain Research, 2020, 238, 957-968.	0.7	6
153	Different Patterns of Neural Activity Characterize Motor Skill Performance During Acquisition and Retention. Frontiers in Human Neuroscience, 0, 16, .	1.0	6
154	Intensive physical therapeutic approaches to stroke recovery. , 0, , 219-232.		5
155	Attentional Demand of a Virtual Reality-Based Reaching Task in Nondisabled Older Adults. Journal of Motor Learning and Development, 2015, 3, 91-109.	0.2	5
156	The Past, Present, and Future of Neurorehabilitation: From NUSTEP Through IV STEP and Beyond. Journal of Neurologic Physical Therapy, 2017, 41, S3-S9.	0.7	5
157	VR Aided Motor Training for Post-Stroke Rehabilitation: System Design, Clinical Test, Methodology for Evaluation. , 2007, , .		4
158	The Best We Can Be Is Yet to Come. Physical Therapy, 2009, 89, 1236-1249.	1.1	4
159	A Reaching Performance Scale for 2 Wolf Motor Function Test Items. Archives of Physical Medicine and Rehabilitation, 2020, 101, 2015-2026.	0.5	4
160	Lost in Translation: Simple Steps in Experimental Design of Neurorehabilitation-Based Research Interventions to Promote Motor Recovery Post-Stroke. Frontiers in Human Neuroscience, 2021, 15, 644335.	1.0	4
161	Abstract 14: Effects of Lesion Laterality on Post-Stroke Motor Performance: An ENIGMA Stroke Recovery Analysis. Stroke, 2017, 48, .	1.0	4
162	Why is the functional independence measure used to identify some rehabilitation needs in stroke survivors when there are better tools?. Physiotherapy Research International, 2004, 9, 182-184.	0.7	3

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163	Role of the dorsolateral prefrontal cortex in contextâ€dependent motor performance. European Journal of Neuroscience, 2016, 43, 954-960.	1.2	3
164	Functional Test of the Hemiparetic Upper Extremity: AÂRasch Analysis With Theoretical Implications. Archives of Physical Medicine and Rehabilitation, 2017, 98, 1977-1983.	0.5	3
165	Task-Oriented Training to Promote Upper Extremity Recovery. , 0, , .		3
166	Retrospective Analysis of Task-Specific Effects on Brain Activity After Stroke: A Pilot Study. Frontiers in Human Neuroscience, 2022, 16, .	1.0	3
167	Invited Commentary. Physical Therapy, 2011, 91, 174-176.	1.1	2
168	An imaging informatics-based ePR (electronic patient record) system for providing decision support in evaluating dose optimization in stroke rehabilitation. , 2012, , .		2
169	Imaging informatics-based multimedia ePR system for data management and decision support in rehabilitation research. Proceedings of SPIE, 2013, , .	0.8	2
170	Inaccurate Use of the Upper Extremity Fugl-Meyer Negatively Affects Upper Extremity Rehabilitation Trial Design: Findings From the ICARE Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2021, 102, 270-279.	0.5	2
171	Unique behavioral strategies in visuomotor learning: Hope for the non-learner. Human Movement Science, 2021, 79, 102858.	0.6	2
172	Insights Gained From Activity Monitors for Upper Limb Stroke Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2021, 102, e21.	0.5	2
173	Evaluation Approach for Post-stroke Rehabilitation Via Virtual Reality Aided Motor Training. Lecture Notes in Computer Science, 2007, , 378-387.	1.0	2
174	Validation of Automated Mobility Assessment Using a Single 3D Sensor. Lecture Notes in Computer Science, 2016, , 162-177.	1.0	2
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