Steven L Wolf

List of Publications by Year
in descending order

275	19,890	9786	12597
papers	citations	73 h-index	132 g-index

294	294	294	12160
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	7.4	1,608
2	Assessing Wolf Motor Function Test as Outcome Measure for Research in Patients After Stroke. Stroke, 2001, 32, 1635-1639.	2.0	904
3	Reducing Frailty and Falls in Older Persons: An Investigation of Tai Chi and Computerized Balance Training. Journal of the American Geriatrics Society, 1996, 44, 489-497.	2.6	900
4	What Do Motor â€œRecoveryâ€•and â€œCompensationâ€•Mean in Patients Following Stroke?. Neurorehabilitation and Neural Repair, 2009, 23, 313-319.	2.9	710
5	Agreed definitions and a shared vision for new standards in stroke recovery research: The Stroke Recovery and Rehabilitation Roundtable taskforce. International Journal of Stroke, 2017, 12, 444-450.	5.9	624
6	Constraint-induced movement therapy after stroke. Lancet Neurology, The, 2015, 14, 224-234.	10.2	365
7	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.	5.9	352
8	Development of the Common Data Base for the FICSIT Trials. Journal of the American Geriatrics Society, 1993, 41, 297-308.	2.6	315
9	Treatment Interventions for the Paretic Upper Limb of Stroke Survivors: A Critical Review. Neurorehabilitation and Neural Repair, 2003, 17, 220-226.	2.9	307
10	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.	10.2	306
11	The Effect of Tai Chi Quan and Computerized Balance Training on Postural Stability in Older Subjects. Physical Therapy, 1997, 77, 371-381.	2.4	304
12	Intense Tai Chi Exercise Training and Fall Occurrences in Older, Transitionally Frail Adults: A Randomized, Controlled Trial. Journal of the American Geriatrics Society, 2003, 51, 1693-1701.	2.6	300
13	Efficacy of a child-friendly form of constraint-induced movement therapy in hemiplegic cerebral palsy: a randomized control trial. Developmental Medicine and Child Neurology, 2006, 48, 635.	2.1	270
14	Effect of a Task-Oriented Rehabilitation Program on Upper Extremity Recovery Following Motor Stroke. JAMA - Journal of the American Medical Association, 2016, 315, 571.	7.4	263
15	Recent developments in biofeedback for neuromotor rehabilitation. Journal of NeuroEngineering and Rehabilitation, 2006, 3, 11.	4.6	244
16	Associations of Demographic, Functional, and Behavioral Characteristics with Activityâ€Related Fear of Falling Among Older Adults Transitioning to Frailty. Journal of the American Geriatrics Society, 2001, 49, 1456-1462.	2.6	239
17	Constraint Induced Movement Techniques To Facilitate Upper Extremity Use in Stroke Patients. Topics in Stroke Rehabilitation, 1997, 3, 38-61.	1.9	227
18	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.	2.9	226

#	Article	IF	Citations
19	Agreed Definitions and a Shared Vision for New Standards in Stroke Recovery Research: The Stroke Recovery and Rehabilitation Roundtable Taskforce. Neurorehabilitation and Neural Repair, 2017, 31, 793-799.	2.9	225
20	The EXCITE Trial: Attributes of the Wolf Motor Function Test in Patients with Subacute Stroke. Neurorehabilitation and Neural Repair, 2005, 19, 194-205.	2.9	215
21	Exploring the basis for Tai Chi Chuan as a therapeutic exercise approach. Archives of Physical Medicine and Rehabilitation, 1997, 78, 886-892.	0.9	214
22	Efficacy of Home-Based Telerehabilitation vs In-Clinic Therapy for Adults After Stroke. JAMA Neurology, 2019, 76, 1079.	9.0	213
23	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.	0.9	205
24	Establishing the Reliability and Validity of Measurements of Walking Time Using the Emory Functional Ambulation Profile. Physical Therapy, 1999, 79, 1122-1133.	2.4	204
25	The EXCITE Stroke Trial. Stroke, 2010, 41, 2309-2315.	2.0	192
26	Variability of motor potentials evoked by transcranial magnetic stimulation depends on muscle activation. Experimental Brain Research, 2006, 174, 376-385.	1.5	191
27	Constraint-Induced Movement Therapy Results in Increased Motor Map Area in Subjects 3 to 9 Months After Stroke. Neurorehabilitation and Neural Repair, 2008, 22, 505-513.	2.9	190
28	Reduction in Fear of Falling Through Intense Tai Chi Exercise Training in Older, Transitionally Frail Adults. Journal of the American Geriatrics Society, 2005, 53, 1168-1178.	2.6	188
29	Vagus nerve stimulation paired with rehabilitation for upper limb motor function after ischaemic stroke (VNS-REHAB): a randomised, blinded, pivotal, device trial. Lancet, The, 2021, 397, 1545-1553.	13.7	181
30	Doing It with Mirrors: A Case Study of a Novel Approach to Neurorehabilitation. Neurorehabilitation and Neural Repair, 2000, 14, 73-76.	2.9	180
31	Methods of constraint-induced movement therapy for children with hemiplegic cerebral palsy: Development of a child-friendly intervention for improving upper-extremity function. Archives of Physical Medicine and Rehabilitation, 2005, 86, 837-844.	0.9	176
32	Effect of Forced Use of the Upper Extremity of a Hemiplegic Patient on Changes in Function. Physical Therapy, 1981, 61, 1022-1028.	2.4	170
33	Environmental and behavioral circumstances associated with falls at home among healthy elderly individuals. Archives of Physical Medicine and Rehabilitation, 1997, 78, 179-186.	0.9	169
34	Compartmentalization of Muscles and Their Motor Nuclei: The Partitioning Hypothesis. Physical Therapy, 1993, 73, 857-867.	2.4	166
35	An Application of Upper-Extremity Constraint-Induced Movement Therapy in a Patient With Subacute Stroke. Physical Therapy, 1999, 79, 847-853.	2.4	160
36	Efficacy of Constraint-Induced Movement Therapy on Involved Upper-Extremity Use in Children With Hemiplegic Cerebral Palsy Is Not Age-Dependent. Pediatrics, 2006, 117, e363-e373.	2.1	152

#	Article	IF	Citations
37	Self-Report Benefits of Tai Chi Practice by Older Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 1997, 52B, P242-P246.	3.9	147
38	Lessons Learned in Participant Recruitment and Retention: The EXCITE Trial. Physical Therapy, 2006, 86, 1520-1533.	2.4	147
39	Quality-of-Life Change Associated With Robotic-Assisted Therapy to Improve Hand Motor Function in Patients With Subacute Stroke: A Randomized Clinical Trial. Physical Therapy, 2010, 90, 493-504.	2.4	146
40	Stem Cells as an Emerging Paradigm in Stroke 3. Stroke, 2014, 45, 634-639.	2.0	141
41	A Randomized, Controlled Trial of Fall Prevention Programs and Quality of Life in Older Fallers. Journal of the American Geriatrics Society, 2007, 55, 499-506.	2.6	137
42	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.	2.9	135
43	Electromyographic Biofeedback Applications to the Hemiplegic Patient. Physical Therapy, 1983, 63, 1393-1403.	2.4	133
44	The influence of Tai Chi training on the center of pressure trajectory during gait initiation in older adults11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. Archives of Physical Medicine and Rehabilitation, 2004, 85, 1593-1598.	0.9	132
45	Repetitive Task Practice: A Critical Review of Constraint-Induced Movement Therapy in Stroke. Neurologist, 2002, 8, 325-338.	0.7	129
46	Cognitive and Motor Mechanisms Underlying Older Adults' Ability to Divide Attention While Walking. Physical Therapy, 2011, 91, 1039-1050.	2.4	128
47	The Future of Restorative Neurosciences in Stroke: Driving the Translational Research Pipeline From Basic Science to Rehabilitation of People After Stroke. Neurorehabilitation and Neural Repair, 2009, 23, 97-107.	2.9	125
48	Selected As the Best Paper in the 1990s: Reducing Frailty and Falls in Older Persons: An Investigation of Tai Chi and Computerized Balance Training. Journal of the American Geriatrics Society, 2003, 51, 1794-1803.	2.6	123
49	Community-Based Tai Chi and Its Effect on Injurious Falls, Balance, Gait, and Fear of Falling in Older People. Physical Therapy, 2006, 86, 1189-1201.	2.4	121
50	Electromyographic Biofeedback Applications to Stroke Patients. Physical Therapy, 1983, 63, 1448-1459.	2.4	115
51	The Influence of Intense Tai Chi Training on Physical Performance and Hemodynamic Outcomes in Transitionally Frail, Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 184-189.	3.6	104
52	The impact of vision loss on postural stability and balance strategies in individuals with profound vision loss. Gait and Posture, 2008, 28, 58-61.	1.4	103
53	Neurological Principles and Rehabilitation of Action Disorders. Neurorehabilitation and Neural Repair, 2011, 25, 33S-43S.	2.9	103
54	Gait initiation in older adults with postural instability. Clinical Biomechanics, 2008, 23, 743-753.	1.2	99

#	Article	IF	Citations
55	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.	2.4	99
56	Stroke Recovery and Rehabilitation Research. Stroke, 2017, 48, 813-819.	2.0	98
57	Effectiveness of Tai Chi as a Communityâ€Based Falls Prevention Intervention: A Randomized Controlled Trial. Journal of the American Geriatrics Society, 2012, 60, 841-848.	2.6	97
58	The Atlanta FICSIT Study: Two Exercise Interventions to Reduce Frailty in Elders. Journal of the American Geriatrics Society, 1993, 41, 329-332.	2.6	96
59	Revisiting Constraint-Induced Movement Therapy: Are We Too Smitten With the Mitten? Is All Nonuse â€œLearnedâ€? and Other Quandaries. Physical Therapy, 2007, 87, 1212-1223.	2.4	96
60	The effect of Tai Chi exercise on gait initiation and gait performance inÂpersons with Parkinson's disease. Parkinsonism and Related Disorders, 2013, 19, 955-960.	2.2	93
61	Modification of human spinal stretch reflexes: Preliminary studies. Neuroscience Letters, 1989, 105, 350-355.	2.1	91
62	Improving Quality of Life and Depression After Stroke Through Telerehabilitation. American Journal of Occupational Therapy, 2015, 69, 6902290020p1-6902290020p10.	0.3	91
63	The HAAPI (Home Arm Assistance Progression Initiative) Trial. Neurorehabilitation and Neural Repair, 2015, 29, 958-968.	2.9	91
64	Modified Emory Functional Ambulation Profile. Stroke, 2001, 32, 973-979.	2.0	90
65	Putting the Brain on the Map: Use of Transcranial Magnetic Stimulation to Assess and Induce Cortical Plasticity of Upper-Extremity Movement. Physical Therapy, 2007, 87, 719-736.	2.4	90
66	Comparison of the Reliability of the Orthoranger and the Standard Goniometer for Assessing Active Lower Extremity Range of Motion. Physical Therapy, 1988, 68, 214-218.	2.4	88
67	Intra-subject reliability of parameters contributing to maps generated by transcranial magnetic stimulation in able-bodied adults. Clinical Neurophysiology, 2004, 115, 1740-1747.	1.5	86
68	Comparison of the Effects of Exercise in Water and on Land on the Rehabilitation of Patients With Intra-articular Anterior Cruciate Ligament Reconstructions. Physical Therapy, 1994, 74, 710-719.	2.4	85
69	The EXCITE Trial: Predicting a Clinically Meaningful Motor Activity Log Outcome. Neurorehabilitation and Neural Repair, 2008, 22, 486-493.	2.9	79
70	The Effects of Constraint-Induced Therapy on Precision Grip: A Preliminary Study. Neurorehabilitation and Neural Repair, 2004, 18, 250-258.	2.9	77
71	Temporal and spatial features of gait in older adults transitioning to frailty. Gait and Posture, 2004, 20, 30-35.	1.4	77
72	Minimal Detectable Change Scores for the Wolf Motor Function Test. Neurorehabilitation and Neural Repair, 2009, 23, 662-667.	2.9	77

#	Article	IF	Citations
73	Can Tai Chi improve vestibulopathic postural control?11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. Archives of Physical Medicine and Rehabilitation, 2004, 85, 142-152.	0.9	76
74	Operant Conditioning of Spinal Stretch Reflexes in Patients with Spinal Cord Injuries. Experimental Neurology, 1994, 130, 202-213.	4.1	72
75	EMG feedback training during dynamic movement for low back pain patients. Behavior Therapy, 1982, 13, 395-406.	2.4	71
76	Tai Chi and vestibular rehabilitation improve vestibulopathic gait via different neuromuscular mechanisms: Preliminary report. BMC Neurology, 2005, 5, 3.	1.8	67
77	Use It and Improve It or Lose It: Interactions between Arm Function and Use in Humans Post-stroke. PLoS Computational Biology, 2012, 8, e1002343.	3.2	67
78	Effects of real-time gait biofeedback on paretic propulsion and gait biomechanics in individuals post-stroke. Topics in Stroke Rehabilitation, 2018, 25, 186-193.	1.9	67
79	Examination of electrode placements and stimulating parameters in treating chronic pain with conventional transcutaneous electrical nerve stimulation (TENS). Pain, 1981, 11, 37-47.	4.2	64
80	Impact of Tai Chi Chu'an Practice on Balance and Mobility in Older Adults. Journal of Geriatric Physical Therapy, 2014, 37, 127-135.	1.1	64
81	Influence of Stroke Survivor Characteristics and Family Conflict Surrounding Recovery on Caregivers??? Mental and Physical Health. Nursing Research, 2004, 53, 406-413.	1.7	63
82	Theoretical basis for patterning EMG amplitudes to assess muscle dysfunction. Medicine and Science in Sports and Exercise, 1996, 28, 744-751.	0.4	63
83	Reducing human biceps brachii spinal stretch reflex magnitude. Journal of Neurophysiology, 1996, 75, 1637-1646.	1.8	61
84	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.	2.9	61
85	Effects of acute intermittent hypoxia on hand use after spinal cord trauma. Neurology, 2017, 89, 1904-1907.	1.1	58
86	Interdisciplinary Comprehensive Arm Rehabilitation Evaluation (ICARE): a randomized controlled trial protocol. BMC Neurology, 2013, 13, 5.	1.8	57
87	Applications of Transcutaneous Electrical Nerve Stimulation in the Management of Patients with Pain. Physical Therapy, 1985, 65, 314-336.	2.4	54
88	Measurement Structure of the Wolf Motor Function Test: Implications for Motor Control Theory. Neurorehabilitation and Neural Repair, 2010, 24, 791-801.	2.9	54
89	The use of transcranial magnetic stimulation to evaluate cortical excitability of lower limb musculature: Challenges and opportunities. Restorative Neurology and Neuroscience, 2018, 36, 333-348.	0.7	53
90	The Movement Imagery Questionnaire-Revised, Second Edition (MIQ-RS) Is a Reliable and Valid Tool for Evaluating Motor Imagery in Stroke Populations. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-11.	1.2	52

#	Article	IF	Citations
91	Morphological Analysis of the Human Tibialis Anterior and Medial Gastrocnemius Muscles. Cells Tissues Organs, 1997, 158, 287-295.	2.3	51
92	Tai Chi and Perceived Health Status in Older Adults Who Are Transitionally Frail: A Randomized Controlled Trial. Physical Therapy, 2007, 87, 525-535.	2.4	51
93	Can the Wolf Motor Function Test be Streamlined?. Neurorehabilitation and Neural Repair, 2009, 23, 422-428.	2.9	50
94	The Emerging Relationship Between Regenerative Medicine and Physical Therapeutics. Physical Therapy, 2010, 90, 1807-1814.	2.4	50
95	Application of Adapted Tango as Therapeutic Intervention for Patients With Chronic Stroke. Journal of Geriatric Physical Therapy, 2012, 35, 206-217.	1.1	50
96	Changes in Serial Optical Topography and TMS during Task Performance after Constraint-Induced Movement Therapy in Stroke: A Case Study. Neurorehabilitation and Neural Repair, 2004, 18, 95-105.	2.9	49
97	Finger extensor variability in TMS parameters among chronic stroke patients. Journal of NeuroEngineering and Rehabilitation, 2005, 2, 10.	4.6	49
98	The Home Stroke Rehabilitation and Monitoring System Trial: A Randomized Controlled Trial. International Journal of Stroke, 2013, 8, 46-53.	5.9	49
99	Tai Chi and vestibular rehabilitation effects on gaze and whole-body stability. Journal of Vestibular Research: Equilibrium and Orientation, 2004, 14, 467-478.	2.0	49
100	Pilot Normative Database for the Wolf Motor Function Test. Archives of Physical Medicine and Rehabilitation, 2006, 87, 443-445.	0.9	47
101	Chronic back pain: Electromyographic, motion and behavioral assessments following sympathetic nerve blocks and placebos. Pain, 1980, 8, 1-10.	4.2	45
102	Intra- and Intersubject Reliability of Abductor Pollicis Brevis Muscle Motor Map Characteristics With Transcranial Magnetic Stimulation. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1670-1675.	0.9	44
103	Electromyographic Biofeedback Applications to the Hemiplegic Patient. Physical Therapy, 1983, 63, 1404-1413.	2.4	43
104	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.	0.7	43
105	Repetitive Task Practice: A Critical Review of Constraint-Induced Movement Therapy in Stroke. Neurologist, 2002, 8, 325-338.	0.7	42
106	A Study Design to Investigate the Effect of Intense Tai Chi in Reducing Falls among Older Adults Transitioning to Frailty. Contemporary Clinical Trials, 2001, 22, 689-704.	1.9	41
107	Differential patterns of cortical reorganization following constraint-induced movement therapy during early and late period after stroke: A preliminary study. NeuroRehabilitation, 2014, 35, 415-426.	1.3	41
108	Overcoming Limitations in Elbow Movement in the Presence of Antagonist Hyperactivity. Physical Therapy, 1994, 74, 826-835.	2.4	40

#	Article	IF	Citations
109	Exploring the bases for a mixed reality stroke rehabilitation system, Part II: Design of Interactive Feedback for upper limb rehabilitation. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 54.	4.6	39
110	Evaluation of Electromyographic Biofeedback as an Adjunct to Therapeutic Exercise in Treating the Lower Extremities of Hemiplegic Patients. Physical Therapy, 1981, 61, 886-893.	2.4	38
111	Treatment of Severe Hand Impairment Following Stroke by Combining Assisted Movement, Muscle Vibration, and Biofeedback. Journal of Neurologic Physical Therapy, 2013, 37, 194-203.	1.4	38
112	The effect of muscle stimulation during resistive training on performance parameters. American Journal of Sports Medicine, 1986, 14, 18-23.	4.2	37
113	Comparison of Motor Copy and Targeted Biofeedback Training Techniques for Restitution of Upper Extremity Function Among Patients with Neurologic Disorders. Physical Therapy, 1989, 69, 719-735.	2.4	37
114	Participant Perception of Recovery as Criterion to Establish Importance of Improvement for Constraint-Induced Movement Therapy Outcome Measures: A Preliminary Study. Physical Therapy, 2007, 87, 170-178.	2.4	37
115	Adaptive Mixed Reality Rehabilitation Improves Quality of Reaching Movements More Than Traditional Reaching Therapy Following Stroke. Neurorehabilitation and Neural Repair, 2013, 27, 306-315.	2.9	36
116	Effects of Tai Chi Intervention on Dual-Task Ability in Older Adults: A Pilot Study. Archives of Physical Medicine and Rehabilitation, 2009, 90, 525-529.	0.9	35
117	Exploring the bases for a mixed reality stroke rehabilitation system, Part I: A unified approach for representing action, quantitative evaluation, and interactive feedback. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 51.	4.6	35
118	Further Assessment to Determine the Additive Effect of Botulinum Toxin Type A on an Upper Extremity Exercise Program to Enhance Function Among Individuals With Chronic Stroke but Extensor Capability. Archives of Physical Medicine and Rehabilitation, 2012, 93, 578-587.	0.9	34
119	Dancing for Balance. Nursing Research, 2013, 62, 138-143.	1.7	34
120	Constraint-Induced Movement Therapy (CIMT): Current Perspectives and Future Directions. Stroke Research and Treatment, 2012, 2012, 1-8.	0.8	33
121	Best practice for arm recovery post stroke: an international application. Physiotherapy, 2016, 102, 1-4.	0.4	33
122	Patient-Specific, Voice-Controlled, Robotic FLEXotendon Glove-II System for Spinal Cord Injury. IEEE Robotics and Automation Letters, 2020, 5, 898-905.	5.1	33
123	Biofeedback for Post-stroke Gait Retraining: A Review of Current Evidence and Future Research Directions in the Context of Emerging Technologies. Frontiers in Neurology, 2021, 12, 637199.	2.4	33
124	Essential Considerations in the Use of EMG Biofeedback. Physical Therapy, 1978, 58, 25-31.	2.4	31
125	Conditioning of the Spinal Stretch Reflex: Implications for Rehabilitation. Physical Therapy, 1990, 70, 652-656.	2.4	31
126	Task-oriented EMG activity recorded from partitions in human lateral gastrocnemius muscle. Journal of Electromyography and Kinesiology, 1993, 3, 87-94.	1.7	30

#	Article	IF	Citations
127	Caregiver Perspectives of Memory and Behavior Changes in Stroke Survivors. Rehabilitation Nursing, 2006, 31, 26-32.	0.5	30
128	Pain, Fatigue, and Intensity of Practice in People With Stroke Who Are Receiving Constraint-Induced Movement Therapy. Physical Therapy, 2006, 86, 1241-1250.	2.4	30
129	Minimal Detectable Change of the Actual Amount of Use Test and the Motor Activity Log. Neurorehabilitation and Neural Repair, 2012, 26, 507-514.	2.9	30
130	Looking in the Rear View Mirror When Conversing With Back Seat Drivers: The EXCITE Trial Revisited. Neurorehabilitation and Neural Repair, 2007, 21, 379-387.	2.9	29
131	Caregiver characteristics predict stroke survivor quality of life at 4 months and 1 year. Research in Nursing and Health, 2009, 32, 592-605.	1.6	29
132	Home-based reach-to-grasp training for people after stroke: study protocol for a feasibility randomized controlled trial. Trials, 2013, 14, 109.	1.6	29
133	The EXCITE Trial. Neurorehabilitation and Neural Repair, 2013, 27, 654-663.	2.9	29
134	Treating Chronic Low Back Pain. Physical Therapy, 1980, 60, 58-63.	2.4	28
135	Attempting to Improve Function and Quality of Life Using the FTM Protocol. Journal of Neurologic Physical Therapy, 2006, 30, 148-156.	1.4	27
136	Abnormal EEG Responses to TMS During the Cortical Silent Period Are Associated With Hand Function in Chronic Stroke. Neurorehabilitation and Neural Repair, 2017, 31, 666-676.	2.9	27
137	Determining Consistency of Elbow Joint Threshold Angle in Elbow Flexor Muscles With Spastic Hypertonia. Physical Therapy, 1996, 76, 586-600.	2.4	26
138	Contemporary linkages between EMG, kinetics and stroke rehabilitation. Journal of Electromyography and Kinesiology, 2005, 15, 229-239.	1.7	26
139	Incorporating Robotic-Assisted Telerehabilitation in a Home Program to Improve Arm Function Following Stroke. Journal of Neurologic Physical Therapy, 2013, 37, 125-132.	1.4	26
140	Multimodal Exercise Benefits Mobility in Older Adults With Visual Impairment: A Preliminary Study. Journal of Aging and Physical Activity, 2015, 23, 630-639.	1.0	26
141	Title is missing!. Journal of Rehabilitation Research and Development, 2008, 45, 1117.	1.6	26
142	Constraint-induced movement therapy in stroke rehabilitation: Perspectives on future clinical applications. NeuroRehabilitation, 2008, 23, 15-28.	1.3	25
143	Imaging in StrokeNet. Stroke, 2015, 46, 2000-2006.	2.0	25
144	Tai Chi and vestibular rehabilitation effects on gaze and whole-body stability. Journal of Vestibular Research: Equilibrium and Orientation, 2004, 14, 467-78.	2.0	25

#	Article	IF	Citations
145	Role of Interhemispheric Cortical Interactions in Poststroke Motor Function. Neurorehabilitation and Neural Repair, 2019, 33, 762-774.	2.9	24
146	Taking the Next Steps in Regenerative Rehabilitation: Establishment of a New Interdisciplinary Field. Archives of Physical Medicine and Rehabilitation, 2020, 101, 917-923.	0.9	24
147	Developing Strategies for Biofeedback: Applications in Neurologically Handicapped Patients. Physical Therapy, 1977, 57, 402-408.	2.4	23
148	Interdisciplinary Concepts for Design and Implementation of Mixed Reality Interactive Neurorehabilitation Systems for Stroke. Physical Therapy, 2015, 95, 449-460.	2.4	22
149	Paired associative stimulation modulates corticomotor excitability in chronic stroke: A preliminary investigation. Restorative Neurology and Neuroscience, 2018, 36, 183-194.	0.7	22
150	The Use of Kinetics as a Marker for Manual Dexterity After Stroke and Stroke Recovery. Topics in Stroke Rehabilitation, 2009, 16, 223-236.	1.9	21
151	Constraint-induced movement therapy: from history to plasticity. Expert Review of Neurotherapeutics, 2012, 12, 191-198.	2.8	21
152	Neural Stem Cell Therapy and Rehabilitation in the Central Nervous System: Emerging Partnerships. Physical Therapy, 2016, 96, 734-742.	2.4	21
153	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.	2.9	21
154	Wearable vibrotactile stimulation for upper extremity rehabilitation in chronic stroke: clinical feasibility trial using the VTS Glove. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 14.	4.6	21
155	Preliminary Reliability and Validity of a Family Caregiver Conflict Scale for Stroke. Progress in Cardiovascular Nursing, 2003, 18, 77-92.	0.4	20
156	A Novel Adaptive Mixed Reality System for Stroke Rehabilitation: Principles, Proof of Concept, and Preliminary Application in 2 Patients. Topics in Stroke Rehabilitation, 2011, 18, 212-230.	1.9	20
157	Use of the Krusen Limb Load Monitor to Quantify Temporal and Loading Measurements of Gait. Physical Therapy, 1982, 62, 976-982.	2.4	19
158	Long Latency Ankle Responses to Dynamic Perturbation in Older Fallers and Nonâ€Fallers. Journal of the American Geriatrics Society, 1996, 44, 1447-1454.	2.6	18
159	Transcranial magnetic stimulation to assess cortical plasticity: a critical perspective for stroke rehabilitation. Journal of Rehabilitation Medicine, 2003, 35, 20-26.	1.1	18
160	The relationship of extraneous movements to lumbar paraspinal muscle activity: Implications for EMG biofeedback training applications to low back pain patients. Biofeedback and Self-regulation, 1989, 14, 63-74.	0.2	17
161	Organization of responses in human lateral gastrocnemius muscle to specified body perturbations. Journal of Electromyography and Kinesiology, 1998, 8, 11-21.	1.7	17
162	Clinical Performance Measures for Stroke Rehabilitation: Performance Measures From the American Heart Association/American Stroke Association. Stroke, 2021, 52, e675-e700.	2.0	17

#	Article	IF	Citations
163	Feedback Signal Based Upon Force and Time Delay. Physical Therapy, 1980, 60, 1289-1290.	2.4	16
164	Interrater Reliability of the Wolf Motor Function Testâ€“Functional Ability Scale. Neurorehabilitation and Neural Repair, 2015, 29, 436-443.	2.9	16
165	Procedures for EMG Biofeedback Training in Involved Upper Extremities of Hemiplegic Patients. Physical Therapy, 1979, 59, 1500-1507.	2.4	15
166	Congruence of depressive symptom appraisal between persons with stroke and their caregivers.. Rehabilitation Psychology, 2007, 52, 215-225.	1.3	15
167	A Computational Framework for Quantitative Evaluation of Movement during Rehabilitation. AIP Conference Proceedings, 2011, , .	0.4	15
168	Home-based Reach-to-Grasp training for people after stroke is feasible: a pilot randomised controlled trial. Clinical Rehabilitation, 2017, 31, 891-903.	2.2	15
169	Comparison of the Immediate Effects of Audio, Visual, or Audiovisual Gait Biofeedback on Propulsive Force Generation in Able-Bodied and Post-stroke Individuals. Applied Psychophysiology Biofeedback, 2020, 45, 211-220.	1.7	15
170	Long-Term Follow-Up After Constraint-Induced Therapy: A Case Report of a Chronic Stroke Survivor. American Journal of Occupational Therapy, 2009, 63, 317-322.	0.3	15
171	The Motor Unit. Physical Therapy, 1982, 62, 1763-1772.	2.4	14
172	Concurrent Assessment of Muscle Activity (CAMA). Physical Therapy, 1986, 66, 218-224.	2.4	14
173	Attractor-Shape for Dynamical Analysis of Human Movement: Applications in Stroke Rehabilitation and Action Recognition. , 2013, , .		14
174	Partial weight support differentially affects corticomotor excitability across muscles of the upper limb. Physiological Reports, 2014, 2, e12183.	1.7	14
175	Translating Genomic Advances to Physical Therapist Practice: A Closer Look at the Nature and Nurture of Common Diseases. Physical Therapy, 2016, 96, 570-580.	2.4	13
176	National Institutes of Health StrokeNet During the Time of COVID-19 and Beyond. Stroke, 2020, 51, 2580-2586.	2.0	13
177	The Utility of Domain-Specific End Points in Acute Stroke Trials. Stroke, 2021, 52, 1154-1161.	2.0	13
178	A First Step Toward the Operationalization of the Learned Non-Use Phenomenon: A Delphi Study. Neurorehabilitation and Neural Repair, 2021, 35, 383-392.	2.9	13
179	A Method for Quantifying Ambulatory Activities. Physical Therapy, 1979, 59, 767-768.	2.4	12
180	Feasibility of a Low-Cost, Interactive Gaming System to Assess Balance in Older Women. Journal of Aging and Physical Activity, 2016, 24, 111-118.	1.0	12

#	Article	IF	Citations
181	Intense Arm Rehabilitation Therapy Improves the Modified Rankin Scale Score. Neurology, 2021, 96, e1812-e1822.	1.1	12
182	Use of Electromyographic Biofeedback During the Acute Phase of Spinal Cord Injury. Physical Therapy, 1982, 62, 290-294.	2.4	11
183	An alternative perspective. Applied Psychophysiology Biofeedback, 1999, 24, 39-40.	1.7	11
184	Evidence-based practice â€˜on-the-goâ€™: using ViaTherapy as a tool to enhance clinical decision making in upper limb rehabilitation after stroke, a quality improvement initiative. BMJ Open Quality, 2019, 8, e000592.	1.1	11
185	Association Between Motor Subtype and Visuospatial and Executive Function in Mild-Moderate Parkinson Disease. Archives of Physical Medicine and Rehabilitation, 2020, 101, 1580-1589.	0.9	11
186	Effects of skin cooling on stretch reflex activity in triceps surae of the decerebrate cat. Experimental Neurology, 1975, 49, 22-34.	4.1	10
187	Semi-automated home-based therapy for the upper extremity of stroke survivors. , 2018, , .		10
188	Quantitative Analysis of Surface and Percutaneous Electromyographic Activity in Lumbar Erector Spinae of Normal Young Women. Spine, 1991, 16, 155-161.	2.0	10
189	Preliminary Reliability and Validity of a Family Caregiver Conflict Scale for Stroke. Progress in Cardiovascular Nursing, 2003, 18, 77-83.	0.4	10
190	Effect of skin cooling on spontaneous EMG activity in triceps surae of the decerebrate cat. Brain Research, 1975, 91, 151-155.	2.2	9
191	Component-Level Tuning of Kinematic Features From Composite Therapist Impressions of Movement Quality. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 143-152.	6.3	9
192	The Body Position Spatial Task, a Test of Whole-Body Spatial Cognition: Comparison Between Adults With and Without Parkinson Disease. Neurorehabilitation and Neural Repair, 2018, 32, 961-975.	2.9	9
193	EMG activity in neck and back muscles during selected static postures in adult males and females. Physiotherapy Theory and Practice, 1997, 13, 179-195.	1.3	8
194	Efficacy of a child-friendly form of constraint-induced movement therapy in hemiplegic cerebral palsy: a randomized control trial. Developmental Medicine and Child Neurology, 2007, 48, 635-642.	2.1	8
195	The EXCITE Trial. Neurorehabilitation and Neural Repair, 2012, 26, 178-187.	2.9	8
196	Potential Benefits for Caregivers of Stroke Survivors Receiving BTX-A and Exercise for Upper Extremity Spasticity. Rehabilitation Nursing, 2015, 40, 188-196.	0.5	8
197	Randomized, Placebo-Controlled, Double-Blind Pilot Study of D-Cycloserine in Chronic Stroke. Rehabilitation Research and Practice, 2015, 2015, 1-14.	0.6	8
198	Modulation of hand aperture during reaching in persons with incomplete cervical spinal cord injury. Experimental Brain Research, 2015, 233, 871-884.	1.5	8

#	Article	IF	Citations
199	Effects of posture and coactivation on corticomotor excitability of ankle muscles. Restorative Neurology and Neuroscience, 2018, 36, 131-146.	0.7	8
200	Reduced Upper Limb Recovery in Subcortical Stroke Patients With Small Prior Radiographic Stroke. Frontiers in Neurology, 2019, 10, 454.	2.4	8
201	Towards the development of a voice-controlled exoskeleton system for restoring hand function. , 2019, , .		8
202	Genetic Factors, Brain Atrophy, and Response to Rehabilitation Therapy After Stroke. Neurorehabilitation and Neural Repair, 2022, 36, 131-139.	2.9	8
203	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. Journal of the American Heart Association, 2022, 11, e025109.	3.7	8
204	Variability of human biceps brachii spinal stretch reflexes: Control conditions. Journal of Electromyography and Kinesiology, 1993, 3, 24-32.	1.7	7
205	â€œLook Forward, Walk Tallâ€• Exploring Our â€œWhat Ifâ€•Questions. Physical Therapy, 2002, 82, 1108-1118.	2.4	7
206	Decision support for stroke rehabilitation therapy via describable attribute-based decision trees. , 2014, 2014, 3154-9.		7
207	Time to Empower People With Stroke. Journal of Neurologic Physical Therapy, 2015, 39, 139-141.	1.4	7
208	Estimating minimal clinically important differences for two scales in patients with chronic traumatic brain injury. Current Medical Research and Opinion, 2020, 36, 1999-2007.	1.9	7
209	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. Brain Communications, 2021, 3, fcab254.	3.3	7
210	Evaluation of Transcutaneous Electrical Nerve Stimulation for Pain Relief in Peripheral Neuropathy. Physical Therapy, 1980, 60, 48-52.	2.4	6
211	From tibialis anterior to Tai Chi: biofeedback and beyond. , 2001, 26, 155-174.		6
212	Tai Chi Exercise in Medicine and Health Promotion. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-3.	1.2	6
213	A web-based carepartner-integrated rehabilitation program for persons with stroke: study protocol for a pilot randomized controlled trial. Pilot and Feasibility Studies, 2019, 5, 58.	1.2	6
214	Motor Cortical Network Flexibility is Associated With Biomechanical Walking Impairment in Chronic Stroke. Neurorehabilitation and Neural Repair, 2021, 35, 1065-1075.	2.9	6
215	The Use of Biofeedback in Disorders of Motor Function. , 1987, , 153-177.		6
216	Uncoupling of human short and long latency stretch reflex responses with operant conditioning. Restorative Neurology and Neuroscience, 2000, 17, 17-22.	0.7	6

#	Article	IF	Citations
217	Malpractice Litigation for Uninformed Consent. Physical Therapy, 1987, 67, 1226-1229.	2.4	5
218	The Relationship of Technology Assessment and Utilization: Electromyographic Feedback Instrumentation as a Model. International Journal of Technology Assessment in Health Care, 1992, 8, 102-108.	0.5	5
219	What Is Constraint-Induced Therapy?. Rehabilitation Nursing, 2004, 29, 114-115.	0.5	5
220	Intensive physical therapeutic approaches to stroke recovery. , 0, , 219-232.		5
221	Targeted Neuromodulation of Abnormal Interhemispheric Connectivity to Promote Neural Plasticity and Recovery of Arm Function after Stroke: A Randomized Crossover Clinical Trial Study Protocol. Neural Plasticity, 2018, 2018, 1-8.	2.2	5
222	Towards Standardized Processes for Physical Therapists to Quantify Patient Rehabilitation. , 2020, , .		5
223	A Rapid Cooling Device for Controlled Cutaneous Stimulation. Physical Therapy, 1973, 53, 25-27.	2.4	4
224	Microneurography: A Technique Producing Information about Factors Affecting Cardiovascular Control. Psychophysiology, 1979, 16, 164-170.	2.4	4
225	Exploring Unique Applications of Kinetic Analyses to Movement in Older Adults. Journal of Applied Biomechanics, 1999, 15, 75-83.	0.8	4
226	On â€œModified constraint-induced therapyâ€¦â€•Page et al. Phys Ther. 2008;88:333â€“340. Physical Therapy, 2008, 88, 680-684.	2.4	4
227	FiRST and Foremost. Journal of Neurologic Physical Therapy, 2013, 37, 147-148.	1.4	4
228	Exploring the Future of Neurologic Physical Therapy. Journal of Neurologic Physical Therapy, 2015, 39, 1-2.	1.4	4
229	Determining the feasibility and preliminary efficacy of a stroke instructional and educational DVD in a multinational context: a randomized controlled pilot study. Clinical Rehabilitation, 2018, 32, 1086-1097.	2.2	4
230	Agonist-Antagonist Coactivation Enhances Corticomotor Excitability of Ankle Muscles. Neural Plasticity, 2019, 2019, 1-12.	2.2	4
231	Modulatory Effects of Motor State During Paired Associative Stimulation on Motor Cortex Excitability and Motor Skill Learning. Frontiers in Human Neuroscience, 2019, 13, 8.	2.0	4
232	A Reaching Performance Scale for 2 Wolf Motor Function Test Items. Archives of Physical Medicine and Rehabilitation, 2020, 101, 2015-2026.	0.9	4
233	Automated Movement Assessment in Stroke Rehabilitation. Frontiers in Neurology, 2021, 12, 720650.	2.4	4
234	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.	1.7	4

#	Article	IF	Citations
235	Assisted Movement With Proprioceptive Stimulation Augments Recovery From Moderate-To-Severe Upper Limb Impairment During Subacute Stroke Period: A Randomized Clinical Trial. Neurorehabilitation and Neural Repair, 2022, 36, 239-250.	2.9	4
236	Pros and Woes of Interdisciplinary Collaboration With a National Clinical Trial. Journal of Professional Nursing, 2009, 25, 93-100.	2.8	3
237	Functional Test of the Hemiparetic Upper Extremity: AÂRasch Analysis With Theoretical Implications. Archives of Physical Medicine and Rehabilitation, 2017, 98, 1977-1983.	0.9	3
238	Task-Oriented Training to Promote Upper Extremity Recovery. , 0, , .		3
239	Evaluating patterns of EMG amplitudes for trunk and neck muscles of patients and controls. International Journal of Rehabilitation and Health, 1996, 2, 1-18.	0.2	2
240	Invited Commentary. Physical Therapy, 2009, 89, 1142-1143.	2.4	2
241	Gender Differences and the Risk of Falls in Individuals with Profound Vision Loss. Journal of Visual Impairment and Blindness, 2010, 104, 311-316.	0.7	2
242	A Forward Move: Interfacing Biotechnology and Physical Therapy In and Out of the Classroom. Physical Therapy, 2019, 99, 519-525.	2.4	2
243	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.	0.9	2
244	Ethical, Legal, and Social Issues of Genomics: Implications for Physical Therapist Education. Journal, Physical Therapy Education, 2008, 22, 4-14.	0.7	2
245	The Use of Biofeedback in Hand Rehabilitation. , 2011, , e227-e242.		2
246	Assessing the Reliability of Measurements from the Krusen Limb Load Monitor to Analyze Temporal and Loading Characteristics of Normal Gait. Physical Therapy, 1984, 64, 199-203.	2.4	1
247	Looking at the future through windows of opportunity. Biofeedback and Self-regulation, 1992, 17, 245-259.	0.2	1
248	The first Basmajian lecture. Journal of Electromyography and Kinesiology, 1997, 7, 213-219.	1.7	1
249	Up-training loading responses in older adults. Applied Psychophysiology Biofeedback, 1999, 24, 179-195.	1.7	1
250	Arm and hand weakness. , 2006, , 265-282.		1
251	On â€œEffects of forced use on arm function in the subacute phaseâ€¦â€•Hammer AM, Lindmark B. Phys Ther. 2009;89:526â€“539.. Physical Therapy, 2009, 89, 993-995.	2.4	1
252	Home based therapy can be of, at least, short term value. International Journal of Therapy and Rehabilitation, 2011, 18, 116-117.	0.3	1

#	Article	IF	Citations
253	Motor Rehabilitation after Stroke. Stroke Research and Treatment, 2012, 2012, 1-2.	0.8	1
254	Increasing access to cost effective home-based robotic telerehabilitation for stroke survivors. , 2017, , .		1
255	Transcutaneous Electrical Stimulation: Use and Misuse. , 1983, , 185-194.		1
256	Abstract 1: Vagus Nerve Stimulation Paired With Rehabilitation For Upper Limb Motor Function After Ischaemic Stroke: Sub-group Analysis Of The Randomised, Blinded, Pivotal, Vns-Rehab Device Trial.. Stroke, 2022, 53, .	2.0	1
257	Thirty-third Mary McMillan Lecture: "Look forward, walk tall": Exploring our "What if" questions. Physical Therapy, 2002, 82, 1108-18.	2.4	1
258	Introduction to Special Series. Physical Therapy, 1981, 61, 1259-1259.	2.4	0
259	New Motor Assessment Scale Examined. Physical Therapy, 1985, 65, 1091-1096.	2.4	0
260	Improving function of upper extremity in traumatic head injury patients. International Journal of Rehabilitation Research, 1987, 10, 237.	1.3	0
261	Motor copy procedures in improving function of upper extremity in traumatic head injured and stroke patients. International Journal of Rehabilitation Research, 1987, 10, 453.	1.3	0
262	Editorial â€" Belief and believe: seeking scientific truths that underlie the art of physiotherapy. Physiotherapy Research International, 1996, 1, iv-vi.	1.5	0
263	A Need for Clarification. Archives of Physical Medicine and Rehabilitation, 2006, 87, 1674.	0.9	0
264	Contemporary concepts in upper extremity rehabilitation. , 0, , 330-342.		0
265	Home-based reach-to-grasp training for people after stroke: a feasibility randomised controlled trial. Physiotherapy, 2015, 101, e1579-e1580.	0.4	0
266	Brain and Behavior Plasticity: From Fundamental Science to Health Outcomes. Neural Plasticity, 2015, 2015, 1-2.	2.2	0
267	Task-Oriented Rehabilitation Program for Strokeâ€"Reply. JAMA - Journal of the American Medical Association, 2016, 316, 102.	7.4	0
268	A Step in the Right Direction. Stroke, 2020, 51, 2611-2612.	2.0	0
269	Corrections to â€œPatient-Specific, Voice-Controlled, Robotic FLEXotendon Glove-II System for Spinal Cord Injuryâ€•[Apr 20 898-905]. IEEE Robotics and Automation Letters, 2021, 6, 5080-5080.	5.1	0
270	Therapeutic Exercise to Improve Balance and Gait and Prevent Falls. Neurological Disease and Therapy, 2005, , 219-246.	0.0	0

#	Article	IF	Citations
271	Introduction to Regenerative Medicine. , 2014, , 1-16.		0
272	Biofeedback Applications in Rehabilitation Medicine: Implications for Performance in Sports. , 1985, , 159-180.		0
273	Interfacing Engineering Technology and Rehabilitation: A New Frontier for Physical Therapy. , 2017, , 1-12.		0
274	Biofeedback in Physical Medicine and Rehabilitation. , 1983, , 83-107.		0
275	Fostering the interface: Contemporary interventions for stroke rehabilitation and measures of neuroplasticity. Foreword. Topics in Stroke Rehabilitation, 2009, 16, v-vi.	1.9	0