

Michael L Boninger

List of Publications by Year in descending order

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Version: 2024-02-01

286
papers

13,462
citations

25034

57
h-index

32842

100
g-index

303
all docs

303
docs citations

303
times ranked

8414
citing authors

#	ARTICLE	IF	CITATIONS
1	Amputee, clinician, and regulator perspectives on current and prospective upper extremity prosthetic technologies. <i>Assistive Technology</i> , 2023, 35, 258-270.	2.0	6
2	Type and frequency of wheelchair repairs and resulting adverse consequences among veteran wheelchair users. <i>Disability and Rehabilitation: Assistive Technology</i> , 2022, 17, 331-337.	2.2	11
3	Using remote learning to teach clinicians manual wheelchair skills: a cohort study with pre- vs post-training comparisons. <i>Disability and Rehabilitation: Assistive Technology</i> , 2022, 17, 752-759.	2.2	8
4	Intra- and Interrater Reliability of Remote Assessment of Transfers by Wheelchair Users Using the Transfer Assessment Instrument (Version 4.0). <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 816-821.	0.9	7
5	Toward Improving the Prediction of Functional Ambulation After Spinal Cord Injury Through the Inclusion of Limb Accelerations During Sleep and Personal Factors. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 676-687.e6.	0.9	2
6	Factors Influencing Incidence of Wheelchair Repairs and Consequences Among Individuals with Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 779-789.	0.9	5
7	Changes in Internet Use Over Time Among Individuals with Traumatic Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 832-839.e2.	0.9	7
8	Efficacy of a Remote Train-the-Trainer Model for Wheelchair Skills Training Administered by Clinicians: A Cohort Study With Pre- vs Posttraining Comparisons. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 798-806.	0.9	6
9	Effectiveness of Group Wheelchair Maintenance Training for People with Spinal Cord Injury: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 790-797.	0.9	2
10	The impact of distractions on intracortical brain-computer interface control of a robotic arm. <i>Brain-Computer Interfaces</i> , 2022, 9, 23-35.	1.8	2
11	Shoulder Tendon Adaptations Following a Graded Exercise Test to Exhaustion in Highly Trained Wheelchair Rugby Athletes With Different Impairments. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 2, .	1.2	2
12	Current Research Outcomes From the Spinal Cord Injury Model Systems. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 619-621.	0.9	1
13	Effect of Fatiguing Wheelchair Propulsion and Weight Relief Lifts on Subacromial Space in Wheelchair Users. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 3, .	1.2	3
14	Response to Letter to the Editor on "Effectiveness of a Web-Based Direct-to-User Transfer Training Program". <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 2063-2064.	0.9	1
15	Development and efficacy of an online wheelchair maintenance training program for wheelchair personnel. <i>Assistive Technology</i> , 2021, 33, 49-55.	2.0	7
16	Meeting Proceedings for SCI 2020: Launching a Decade of Disruption in Spinal Cord Injury Research. <i>Journal of Neurotrauma</i> , 2021, 38, 1251-1266.	3.4	14
17	Creating a Resident Research Track in Synergy with the Rehabilitation Medicine Scientist Training Program. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, Publish Ahead of Print, .	1.4	2
18	Who Moves After SCI? Individual, Health, and Neighborhood Predictors of Residential Mobility Among Participants in the National Spinal Cord Injury Model Systems Database. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, . .	0.9	1

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19	A brain-computer interface that evokes tactile sensations improves robotic arm control. <i>Science</i> , 2021, 372, 831-836.	12.6	245
20	Evaluation of a Home-Based, Nurse Practitioner-led Advanced Illness Care Program. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 2389-2393.	2.5	2
21	Effectiveness of a Web-Based Direct-to-User Transfer Training Program: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, , .	0.9	2
22	Perception of microstimulation frequency in human somatosensory cortex. <i>ELife</i> , 2021, 10, .	6.0	44
23	Generalizable cursor click decoding using grasp-related neural transients. <i>Journal of Neural Engineering</i> , 2021, 18, 0460e9.	3.5	8
24	Neural stimulation and recording performance in human sensorimotor cortex over 1500 days. <i>Journal of Neural Engineering</i> , 2021, 18, 045012.	3.5	50
25	Associations between Reason for Inpatient Palliative Care Consultation, Timing, and Cost Savings. <i>Journal of Palliative Medicine</i> , 2021, 24, 1525-1538.	1.1	9
26	Sensitivity and Specificity of Common Physical Examination Maneuvers for Supraspinatus Tendinopathy in Wheelchair Users With Paraplegia. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, e68.	0.9	0
27	Remote monitoring for heart failure: Assessing the risks of readmission and mortality. <i>American Heart Journal Plus</i> , 2021, 10, 100045.	0.6	3
28	The Rehabilitation Medicine Scientist Training Program. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 900-905.	1.4	5
29	Start-up propulsion biomechanics changes with fatiguing activity in persons with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2020, 43, 476-484.	1.4	7
30	Compensation Strategies in Response to Fatiguing Propulsion in Wheelchair Users. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020, 99, 91-98.	1.4	10
31	Changes in supraspinatus and biceps tendon thickness: influence of fatiguing propulsion in wheelchair users with spinal cord injury. <i>Spinal Cord</i> , 2020, 58, 324-333.	1.9	13
32	The effect of wrist posture on extrinsic finger muscle activity during single joint movements. <i>Scientific Reports</i> , 2020, 10, 8377.	3.3	9
33	Concurrent Validity and Reliability of the Transfer Assessment Instrument Questionnaire as a Self-Assessment Measure. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2020, 2, 100088.	0.9	6
34	The Motor Cortex Has Independent Representations for Ipsilateral and Contralateral Arm Movements But Correlated Representations for Grasping. <i>Cerebral Cortex</i> , 2020, 30, 5400-5409.	2.9	19
35	Classification of Individual Finger Movements Using Intracortical Recordings in Human Motor Cortex. <i>Neurosurgery</i> , 2020, 87, 630-638.	1.1	14
36	Effects of MEG-based neurofeedback for hand rehabilitation after tetraplegia: preliminary findings in cortical modulations and grip strength. <i>Journal of Neural Engineering</i> , 2020, 17, 026019.	3.5	5

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37	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
38	Sensory restoration by epidural stimulation of the lateral spinal cord in upper-limb amputees. ELife, 2020, 9, .	6.0	70
39	How Nurse Practitioners Spend their Time in Nursing Facilities: Revisited 20% Years Later. Journal of the American Geriatrics Society, 2020, 68, 892-894.	2.6	1
40	University of Pittsburgh Medical Center Home Transitions Multidisciplinary Care Coordination Reduces Readmissions for Older Adults. Journal of the American Geriatrics Society, 2019, 67, 156-163.	2.6	43
41	Who Moves and Who Stays? An Exploration of Geographic Mobility after Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2019, 100, e145.	0.9	0
42	Neural Control of Individual Finger Movements Using Intracortical Recordings From a Person With Tetraplegia. Neurosurgery, 2019, 66, .	1.1	1
43	A Cross-Sectional Study to Investigate the Effects of Perceived Discrimination in the Health Care Setting on Pain and Depressive Symptoms in Wheelchair Users With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2019, 100, 2233-2243.	0.9	3
44	Microdialysis to Quantify Inflammatory Cytokines in the Glenohumeral Joint. American Journal of Physical Medicine and Rehabilitation, 2019, 98, 426-429.	1.4	1
45	Demonstration of a portable intracortical brain-computer interface. Brain-Computer Interfaces, 2019, 6, 106-117.	1.8	14
46	What is the functional relevance of reorganization in primary motor cortex after spinal cord injury?. Neurobiology of Disease, 2019, 121, 286-295.	4.4	16
47	Gait Training in Acute Spinal Cord Injury Rehabilitation—Utilization and Outcomes Among Nonambulatory Individuals: Findings From the SCIRehab Project. Archives of Physical Medicine and Rehabilitation, 2018, 99, 1591-1598.	0.9	7
48	Upper-limb biomechanical analysis of wheelchair transfer techniques in two toilet configurations. Clinical Biomechanics, 2018, 55, 79-85.	1.2	10
49	Advanced Robotic Therapy Integrated Centers (ARTIC): an international collaboration facilitating the application of rehabilitation technologies. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 30.	4.6	37
50	Lower extremity outcome measures: considerations for clinical trials in spinal cord injury. Spinal Cord, 2018, 56, 628-642.	1.9	23
51	Research progress from the SCI Model Systems (SCIMS): An interactive discussion on future directions. Journal of Spinal Cord Medicine, 2018, 41, 216-222.	1.4	2
52	Remapping cortical modulation for electrocorticographic brain—computer interfaces: a somatotopy-based approach in individuals with upper-limb paralysis. Journal of Neural Engineering, 2018, 15, 026021.	3.5	38
53	Investigating the Efficacy of Web-Based Transfer Training on Independent Wheelchair Transfers Through Randomized Controlled Trials. Archives of Physical Medicine and Rehabilitation, 2018, 99, 9-16.e10.	0.9	19
54	Scholarly Research Projects Benefit Medical Students—Research Productivity and Residency Choice: Outcomes From the University of Pittsburgh School of Medicine. Academic Medicine, 2018, 93, 1727-1731.	1.6	32

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55	Brain Computer Interfaces in Rehabilitation Medicine. PM and R, 2018, 10, S233-S243.	1.6	59
56	Implicit Grasp Force Representation in Human Motor Cortical Recordings. Frontiers in Neuroscience, 2018, 12, 801.	2.8	20
57	Wheelchair Breakdowns Are Associated With Pain, Pressure Injuries, Rehospitalization, and Self-Perceived Health in Full-Time Wheelchair Users With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2018, 99, 1949-1956.	0.9	27
58	Association between presence of pneumonia and pressure ulcer formation following traumatic spinal cord injury. Journal of Spinal Cord Medicine, 2017, 40, 415-422.	1.4	24
59	Flight simulation using a Brain-Computer Interface: A pilot, pilot study. Experimental Neurology, 2017, 287, 473-478.	4.1	25
60	How Are Race, Cultural, and Psychosocial Factors Associated With Outcomes in Veterans With Spinal Cord Injury?. Archives of Physical Medicine and Rehabilitation, 2017, 98, 1812-1820.e3.	0.9	10
61	A Murine Model of Robotic Training to Evaluate Skeletal Muscle Recovery after Injury. Medicine and Science in Sports and Exercise, 2017, 49, 840-847.	0.4	2
62	Sensorimotor experience and verb-category mapping in human sensory, motor and parietal neurons. Cortex, 2017, 92, 304-319.	2.4	14
63	Intracortical Microstimulation as a Feedback Source for Brain-Computer Interface Users. Springer Briefs in Electrical and Computer Engineering, 2017, , 43-54.	0.5	28
64	Restoring Touch through Intracortical Microstimulation of Human Somatosensory Cortex. , 2017, , .		4
65	Longitudinal Prediction of Quality-of-Life Scores and Locomotion in Individuals With Traumatic Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2017, 98, 2385-2392.	0.9	26
66	Acute Response of the Infraspinatus and Biceps Tendons to Pitching in Youth Baseball. Medicine and Science in Sports and Exercise, 2017, 49, 1168-1175.	0.4	11
67	Quality and Equity in Wheelchairs Used by Veterans. Archives of Physical Medicine and Rehabilitation, 2017, 98, 442-449.	0.9	4
68	Motor cortical activity changes during neuroprosthetic-controlled object interaction. Scientific Reports, 2017, 7, 16947.	3.3	52
69	Human perception of electrical stimulation on the surface of somatosensory cortex. PLoS ONE, 2017, 12, e0176020.	2.5	101
70	Transfer component skill deficit rates among Veterans who use wheelchairs. Journal of Rehabilitation Research and Development, 2016, 53, 279-294.	1.6	14
71	Cross-Sectional Investigation of Acute Changes in Ultrasonographic Markers for Biceps and Supraspinatus Tendon Degeneration After Repeated Wheelchair Transfers in People With Spinal Cord Injury. American Journal of Physical Medicine and Rehabilitation, 2016, 95, 818-830.	1.4	8
72	Effectiveness of a Wellness Program for Individuals With Spina Bifida and Spinal Cord Injury Within an Integrated Delivery System. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1969-1978.	0.9	17

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73	Immediate Biomechanical Implications of Transfer Component Skills Training on Independent Wheelchair Transfers. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1785-1792.	0.9	16
74	Transfer Technique Is Associated With Shoulder Pain and Pathology in People With Spinal Cord Injury: A Cross-Sectional Investigation. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1770-1776.	0.9	29
75	Effectiveness of Group Wheelchair Skills Training for People With Spinal Cord Injury: A Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1777-1784.e3.	0.9	29
76	Effects of Web-Based and In-Person Transfer Training on Individuals with Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2016, 97, e7.	0.9	3
77	Clinician Competency with Wheelchair Maintenance and the Efficacy of a Wheelchair Maintenance Training Program. Archives of Physical Medicine and Rehabilitation, 2016, 97, e55.	0.9	3
78	Electrodiagnostic Evaluation of Individuals Implanted With Extracellular Matrix for the Treatment of Volumetric Muscle Injury: Case Series. Physical Therapy, 2016, 96, 540-549.	2.4	34
79	An acellular biologic scaffold treatment for volumetric muscle loss: results of a 13-patient cohort study. Npj Regenerative Medicine, 2016, 1, 16008.	5.2	154
80	Intracortical microstimulation of human somatosensory cortex. Science Translational Medicine, 2016, 8, 361ra141.	12.4	547
81	Processes and Outcomes from a Medical Student Research Training Program in Integrative, Complementary, and Alternative Medicine. American Journal of Physical Medicine and Rehabilitation, 2016, 95, 779-786.	1.4	3
82	Type and Frequency of Reported Wheelchair Repairs and Related Adverse Consequences Among People With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1753-1760.	0.9	40
83	Wheelchair Skills Capacity and Performance of Manual Wheelchair Users With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1761-1769.	0.9	50
84	Mechanisms by which acellular biologic scaffolds promote functional skeletal muscle restoration. Biomaterials, 2016, 103, 128-136.	11.4	62
85	Early Detection of Pressure Ulcer Development Following Traumatic Spinal Cord Injury Using Inflammatory Mediators. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1656-1662.	0.9	20
86	Ultrasonographic Median Nerve Changes After Repeated Wheelchair Transfers in Persons With Paraplegia: Relationship With Subject Characteristics and Transfer Skills. PM and R, 2016, 8, 305-313.	1.6	15
87	Upper limb joint kinetics of three sitting pivot wheelchair transfer techniques in individuals with spinal cord injury. Journal of Spinal Cord Medicine, 2015, 38, 485-497.	1.4	17
88	Ultrasonographic measurement of the acromiohumeral distance in spinal cord injury: Reliability and effects of shoulder positioning. Journal of Spinal Cord Medicine, 2015, 38, 700-708.	1.4	12
89	Examining implicit bias of physicians who care for individuals with spinal cord injury: A pilot study and future directions. Journal of Spinal Cord Medicine, 2015, 38, 102-110.	1.4	47
90	Keynote lecture 3: Brain-computer interfaces. , 2015, , .		0

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91	Factors Related to Injury in Youth and Adolescent Baseball Pitching, with an Eye Toward Prevention. American Journal of Physical Medicine and Rehabilitation, 2015, 94, 395-409.	1.4	31
92	Brain computer interface learning for systems based on electrocorticography and intracortical microelectrode arrays. Frontiers in Integrative Neuroscience, 2015, 9, 40.	2.1	38
93	Computer keyboarding biomechanics and acute changes in median nerve indicative of carpal tunnel syndrome. Clinical Biomechanics, 2015, 30, 546-550.	1.2	27
94	Dynamic Three-Dimensional Ultrasound to Evaluate Scapular Movement Among Manual Wheelchair Users and Healthy Controls. Topics in Spinal Cord Injury Rehabilitation, 2015, 21, 303-312.	1.8	1
95	Motor-related brain activity during action observation: a neural substrate for electrocorticographic brain-computer interfaces after spinal cord injury. Frontiers in Integrative Neuroscience, 2014, 8, 17.	2.1	23
96	Reliability of freehand three-dimensional ultrasound to measure scapular rotations. Journal of Rehabilitation Research and Development, 2014, 51, 985-994.	1.6	5
97	Effects of Repetitive Shoulder Activity on the Subacromial Space in Manual Wheelchair Users. BioMed Research International, 2014, 2014, 1-9.	1.9	16
98	Robotics, Stem Cells, and Brain-Computer Interfaces in Rehabilitation and Recovery from Stroke. American Journal of Physical Medicine and Rehabilitation, 2014, 93, S145-S154.	1.4	12
99	Targeted Rehabilitation After Extracellular Matrix Scaffold Transplantation for the Treatment of Volumetric Muscle Loss. American Journal of Physical Medicine and Rehabilitation, 2014, 93, S79-S87.	1.4	63
100	The Relationship between Independent Transfer Skills and Upper Limb Kinetics in Wheelchair Users. BioMed Research International, 2014, 2014, 1-12.	1.9	29
101	Disparities in Wheelchair Procurement by Payer Among People With Spinal Cord Injury. PM and R, 2014, 6, 412-417.	1.6	18
102	An analysis of cerebral blood flow from middle cerebral arteries during cognitive tasks via functional transcranial Doppler recordings. Neuroscience Research, 2014, 84, 19-26.	1.9	10
103	Impact of a Wheelchair Education Protocol Based on Practice Guidelines for Preservation of Upper-Limb Function: A Randomized Trial. Archives of Physical Medicine and Rehabilitation, 2014, 95, 10-19.e11.	0.9	20
104	An Acellular Biologic Scaffold Promotes Skeletal Muscle Formation in Mice and Humans with Volumetric Muscle Loss. Science Translational Medicine, 2014, 6, 234ra58.	12.4	384
105	Perfectâ€”the Enemy of Good. Archives of Physical Medicine and Rehabilitation, 2014, 95, 608-609.	0.9	3
106	Collaborative Approach in the Development of Highâ€”Performance Brainâ€”Computer Interfaces for a Neuroprosthetic Arm: Translation from Animal Models to Human Control. Clinical and Translational Science, 2014, 7, 52-59.	3.1	55
107	Is an Appropriate Wheelchair Becoming Out of Reach? - Part 2. PM and R, 2014, 6, 934-944.	1.6	4
108	Differences Between Manufacturers in Reported Power Wheelchair Repairs and Adverse Consequences Among People With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2014, 95, 597-603.	0.9	25

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109	Identification of Distinct Monocyte Phenotypes and Correlation With Circulating Cytokine Profiles in Acute Response to Spinal Cord Injury: A Pilot Study. <i>PM and R</i> , 2014, 6, 332-341.	1.6	19
110	Additive Effect of Age on Disability for Individuals With Spinal Cord Injuries. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 1076-1082.	0.9	21
111	Neuroprosthetic control and tetraplegia – Authors' reply. <i>Lancet, The</i> , 2013, 381, 1900-1901.	13.7	10
112	High-performance neuroprosthetic control by an individual with tetraplegia. <i>Lancet, The</i> , 2013, 381, 557-564.	13.7	1,550
113	Handrim Wheelchair Propulsion Training Effect on Overground Propulsion Using Biomechanical Real-Time Visual Feedback. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 256-263.	0.9	26
114	Impact of the Clinical Practice Guideline for Preservation of Upper Limb Function on Transfer Skills of Persons With Acute Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 1230-1246.	0.9	22
115	Basic Psychometric Properties of the Transfer Assessment Instrument (Version 3.0). <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 2456-2464.	0.9	37
116	Evacuation preparedness in full-time wheelchair users with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2013, 36, 290-295.	1.4	7
117	Functional priorities, assistive technology, and brain-computer interfaces after spinal cord injury. <i>Journal of Rehabilitation Research and Development</i> , 2013, 50, 145.	1.6	197
118	Health risks of vibration exposure to wheelchair users in the community. <i>Journal of Spinal Cord Medicine</i> , 2013, 36, 365-375.	1.4	22
119	Neuromuscular Electrical Stimulation as a Method to Maximize the Beneficial Effects of Muscle Stem Cells Transplanted into Dystrophic Skeletal Muscle. <i>PLoS ONE</i> , 2013, 8, e54922.	2.5	41
120	An Electrocorticographic Brain Interface in an Individual with Tetraplegia. <i>PLoS ONE</i> , 2013, 8, e55344.	2.5	319
121	Dynamic stiffness and transmissibility of commercially available wheelchair cushions using a laboratory test method. <i>Journal of Rehabilitation Research and Development</i> , 2012, 49, 7.	1.6	16
122	Pushrim Kinetics During Advanced Wheelchair Skills in Manual Wheelchair Users With Spinal Cord Injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2012, 18, 140-142.	1.8	4
123	Finger Flexor Tendon Excursion During Computer Keyboarding. , 2012, , .		0
124	Increases in Wheelchair Breakdowns, Repairs, and Adverse Consequences for People with Traumatic Spinal Cord Injury. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2012, 91, 463-469.	1.4	55
125	Comparison Between Overground and Dynamometer Manual Wheelchair Propulsion. <i>Journal of Applied Biomechanics</i> , 2012, 28, 412-419.	0.8	16
126	Why do we need improved mobility technology?. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012, 9, 16.	4.6	2

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127	Technologies and combination therapies for enhancing movement training for people with a disability. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 17.	4.6	86
128	Personalized neuromusculoskeletal modeling to improve treatment of mobility impairments: a perspective from European research sites. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 18.	4.6	60
129	Structures promoting research, training, and technology transfer in mobility: lessons learned from a visit to European centers. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 19.	4.6	2
130	Recent trends in assistive technology for mobility. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 20.	4.6	124
131	Major trends in mobility technology research and development: Overview of the results of the NSF-WTEC European study. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 22.	4.6	20
132	Manual Wheelchair Skills Capacity Predicts Quality of Life and Community Integration in Persons With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2012, 93, 2237-2243.	0.9	85
133	Academic Physiatry: Vignettes of Rewarding Careers. PM and R, 2012, 4, 923-927.	1.6	1
134	Wheelchair Skill Performance of Manual Wheelchair Users With Spinal Cord Injury. Topics in Spinal Cord Injury Rehabilitation, 2012, 18, 138-139.	1.8	10
135	Integrating Rehabilitation Engineering Technology With Biologics. PM and R, 2011, 3, S148-57.	1.6	4
136	The Effect of Symptoms of Carpal Tunnel Syndrome on Ultrasonographic Median Nerve Measures Before and After Wheelchair Propulsion. PM and R, 2011, 3, 803-810.	1.6	15
137	Reliability and Validity Analysis of the Transfer Assessment Instrument. Archives of Physical Medicine and Rehabilitation, 2011, 92, 499-508.	0.9	31
138	Patterns, Predictors, and Associated Benefits of Driving a Modified Vehicle After Spinal Cord Injury: Findings From the National Spinal Cord Injury Model Systems. Archives of Physical Medicine and Rehabilitation, 2011, 92, 477-483.	0.9	29
139	Future Directions for Spinal Cord Injury Research: Recent Developments and Model Systems Contributions. Archives of Physical Medicine and Rehabilitation, 2011, 92, 509-515.	0.9	17
140	Emergency Evacuation Readiness of Full-Time Wheelchair Users With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2011, 92, 491-498.	0.9	26
141	Investigation of Factors Associated With Manual Wheelchair Mobility in Persons With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2011, 92, 484-490.	0.9	35
142	The Association of Race, Cultural Factors, and Health-Related Quality of Life in Persons With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2011, 92, 441-448.	0.9	28
143	The Relationship Between Quality of Life and Change in Mobility 1 Year Postinjury in Individuals With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2011, 92, 1027-1033.	0.9	70
144	Comparison of Virtual Wheelchair Driving Performance of People With Traumatic Brain Injury Using an Isometric and a Conventional Joystick. Archives of Physical Medicine and Rehabilitation, 2011, 92, 1298-1304.	0.9	13

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145	Upper limb kinetic analysis of three sitting pivot wheelchair transfer techniques. <i>Clinical Biomechanics</i> , 2011, 26, 923-929.	1.2	30
146	Comparison of skin perfusion response with alternating and constant pressures in people with spinal cord injury. <i>Spinal Cord</i> , 2011, 49, 136-141.	1.9	52
147	Toward Synergy-Based Brain-Machine Interfaces. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2011, 15, 726-736.	3.2	33
148	Effects of computer keyboarding on ultrasonographic measures of the median nerve. <i>American Journal of Industrial Medicine</i> , 2011, 54, 826-833.	2.1	28
149	Development of custom measurement system for biomechanical evaluation of independent wheelchair transfers. <i>Journal of Rehabilitation Research and Development</i> , 2011, 48, 1015.	1.6	12
150	Postrehabilitative Health Care for Individuals with SCI: Extending Health Care into the Community. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2011, 17, 46-58.	1.8	17
151	Wrist Kinematics and Ultrasound Measures of the Median Nerve During Computer Keyboarding. , 2011, , .		0
152	Applying Robotics in a Clinical Rehabilitation Setting for Upper Limb Neurological Impairment. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2011, 17, 60-65.	1.8	0
153	Required vs. Elective Research and In-Depth Scholarship Programs in the Medical Student Curriculum. <i>Academic Medicine</i> , 2010, 85, 405-408.	1.6	66
154	Hand Rim Wheelchair Propulsion Training Using Biomechanical Real-Time Visual Feedback Based on Motor Learning Theory Principles. <i>Journal of Spinal Cord Medicine</i> , 2010, 33, 33-42.	1.4	29
155	Validation of Grayscale-Based Quantitative Ultrasound in Manual Wheelchair Users. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010, 89, 390-400.	1.4	48
156	Repeatability of ultrasonographic median nerve measures. <i>Muscle and Nerve</i> , 2010, 41, 767-773.	2.2	53
157	The Emerging Relationship Between Regenerative Medicine and Physical Therapeutics. <i>Physical Therapy</i> , 2010, 90, 1807-1814.	2.4	50
158	Wheeled mobility: Factors influencing mobility and assistive technology in veterans and servicemembers with major traumatic limb loss from Vietnam war and OIF/OEF conflicts. <i>Journal of Rehabilitation Research and Development</i> , 2010, 47, 349.	1.6	29
159	Foreword: Scholarly Concentrations in the Medical Student Curriculum. <i>Academic Medicine</i> , 2010, 85, 403-404.	1.6	11
160	The Synergistic Effect of Treadmill Running on Stem-Cell Transplantation to Heal Injured Skeletal Muscle. <i>Tissue Engineering - Part A</i> , 2010, 16, 839-849.	3.1	70
161	Implementation of a Longitudinal Mentored Scholarly Project: An Approach at Two Medical Schools. <i>Academic Medicine</i> , 2010, 85, 429-437.	1.6	67
162	Effect of an Intense Wheelchair Propulsion Task on Quantitative Ultrasound of Shoulder Tendons. <i>PM and R</i> , 2010, 2, 920-925.	1.6	26

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163	Spinal Mobilization of Postpartum Low Back and Pelvic Girdle Pain: An Evidence-Based Clinical Rule for Predicting Responders and Nonresponders. <i>PM and R</i> , 2010, 2, 995-1005.	1.6	13
164	Neural Interface Technology for Rehabilitation: Exploiting and Promoting Neuroplasticity. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2010, 21, 157-178.	1.3	175
165	Validation of the Seating and Mobility Script Concordance Test. <i>Assistive Technology</i> , 2009, 21, 47-56.	2.0	6
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