

Michael L Boninger

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

275 papers	10,271 citations	50 h-index	89 g-index
303 ext. papers	11,829 ext. citations	2.9 avg, IF	6.01 L-index

#	Paper	IF	Citations
275	The Rehabilitation Medicine Scientist Training Program: Updates and Perspectives on Addressing an Ongoing Need in Physiatriic Research. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021 , 100, 900-905	2.6	2
274	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> , 2021 ,	2.8	1
273	Factors Influencing Incidence of Wheelchair Repairs and Consequences Among Individuals with Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021 ,	2.8	1
272	Meeting Proceedings for SCI 2020: Launching a Decade of Disruption in Spinal Cord Injury Research. <i>Journal of Neurotrauma</i> , 2021 , 38, 1251-1266	5.4	4
271	Creating a Resident Research Track in Synergy with the Rehabilitation Medicine Scientist Training Program. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021 ,	2.6	1
270	A brain-computer interface that evokes tactile sensations improves robotic arm control. <i>Science</i> , 2021 , 372, 831-836	33.3	56
269	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> , 2021 ,	2.8	2
268	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	5.9	
267	Perception of microstimulation frequency in human somatosensory cortex. <i>ELife</i> , 2021 , 10,	8.9	3
266	Development and efficacy of an online wheelchair maintenance training program for wheelchair personnel. <i>Assistive Technology</i> , 2021 , 33, 49-55	1.5	6
265	Generalizable cursor click decoding using grasp-related neural transients. <i>Journal of Neural Engineering</i> , 2021 , 18,	5	1
264	Neural stimulation and recording performance in human sensorimotor cortex over 1500 days. <i>Journal of Neural Engineering</i> , 2021 , 18,	5	10
263	Associations between Reason for Inpatient Palliative Care Consultation, Timing, and Cost Savings. <i>Journal of Palliative Medicine</i> , 2021 , 24, 1525-1538	2.2	2
262	Remote monitoring for heart failure: Assessing the risks of readmission and mortality. <i>American Heart Journal Plus</i> , 2021 , 10, 100045		3
261	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	1.3	2
260	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	5.1	4
259	Classification of Individual Finger Movements Using Intracortical Recordings in Human Motor Cortex. <i>Neurosurgery</i> , 2020 , 87, 630-638	3.2	6

258	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	5	3
257	Taking the Next Steps in Regenerative Rehabilitation: Establishment of a New Interdisciplinary Field. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020 , 101, 917-923	2.8	15
256	How Nurse Practitioners Spend their Time in Nursing Facilities: Revisited 20 Years Later. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 892-894	5.6	
255	Sensory restoration by epidural stimulation of the lateral spinal cord in upper-limb amputees. <i>ELife</i> , 2020 , 9,	8.9	24
254	Compensation Strategies in Response to Fatiguing Propulsion in Wheelchair Users: Implications for Shoulder Injury Risk. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020 , 99, 91-98	2.6	3
253	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	2.7	5
252	The effect of wrist posture on extrinsic finger muscle activity during single joint movements. <i>Scientific Reports</i> , 2020 , 10, 8377	4.9	4
251	Type and frequency of wheelchair repairs and resulting adverse consequences among veteran wheelchair users. <i>Disability and Rehabilitation: Assistive Technology</i> , 2020 , 1-7	1.8	6
250	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> , 2020 , 1-8	1.8	2
249	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	1.9	1
248	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. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019 , 100, 2233-2243	2.8	1
247	Microdialysis to Quantify Inflammatory Cytokines in the Glenohumeral Joint: A Brief Methods Report. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019 , 98, 426-429	2.6	
246	Demonstration of a portable intracortical brain-computer interface. <i>Brain-Computer Interfaces</i> , 2019 , 6, 106-117	2	9
245	What is the functional relevance of reorganization in primary motor cortex after spinal cord injury?. <i>Neurobiology of Disease</i> , 2019 , 121, 286-295	7.5	8
244	University of Pittsburgh Medical Center Home Transitions Multidisciplinary Care Coordination Reduces Readmissions for Older Adults. <i>Journal of the American Geriatrics Society</i> , 2019 , 67, 156-163	5.6	4
243	Gait Training in Acute Spinal Cord Injury Rehabilitation-Utilization and Outcomes Among Nonambulatory Individuals: Findings From the SCIR rehab Project. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018 , 99, 1591-1598	2.8	3
242	Upper-limb biomechanical analysis of wheelchair transfer techniques in two toilet configurations. <i>Clinical Biomechanics</i> , 2018 , 55, 79-85	2.2	7
241	Advanced Robotic Therapy Integrated Centers (ARTIC): an international collaboration facilitating the application of rehabilitation technologies. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018 , 15, 30	5.3	23

240	Lower extremity outcome measures: considerations for clinical trials in spinal cord injury. <i>Spinal Cord</i> , 2018 , 56, 628-642	2.7	14
239	Research progress from the SCI Model Systems (SCIMS): An interactive discussion on future directions. <i>Journal of Spinal Cord Medicine</i> , 2018 , 41, 216-222	1.9	0
238	Remapping cortical modulation for electrocorticographic brain-computer interfaces: a somatotopy-based approach in individuals with upper-limb paralysis. <i>Journal of Neural Engineering</i> , 2018 , 15, 026021	5	24
237	Investigating the Efficacy of Web-Based Transfer Training on Independent Wheelchair Transfers Through Randomized Controlled Trials. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018 , 99, 9-16.e10	2.8	13
236	Scholarly Research Projects Benefit Medical Students Research Productivity and Residency Choice: Outcomes From the University of Pittsburgh School of Medicine. <i>Academic Medicine</i> , 2018 , 93, 1727-1731	1.9	18
235	Brain Computer Interfaces in Rehabilitation Medicine. <i>PM and R</i> , 2018 , 10, S233-S243	2.2	31
234	Implicit Grasp Force Representation in Human Motor Cortical Recordings. <i>Frontiers in Neuroscience</i> , 2018 , 12, 801	5.1	15
233	Wheelchair Breakdowns Are Associated With Pain, Pressure Injuries, Rehospitalization, and Self-Perceived Health in Full-Time Wheelchair Users With Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018 , 99, 1949-1956	2.8	16
232	Association between presence of pneumonia and pressure ulcer formation following traumatic spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2017 , 40, 415-422	1.9	17
231	Flight simulation using a Brain-Computer Interface: A pilot, pilot study. <i>Experimental Neurology</i> , 2017 , 287, 473-478	5.7	17
230	How Are Race, Cultural, and Psychosocial Factors Associated With Outcomes in Veterans With Spinal Cord Injury?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017 , 98, 1812-1820.e3	2.8	3
229	A Murine Model of Robotic Training to Evaluate Skeletal Muscle Recovery after Injury. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 840-847	1.2	1
228	Sensorimotor experience and verb-category mapping in human sensory, motor and parietal neurons. <i>Cortex</i> , 2017 , 92, 304-319	3.8	10
227	Intracortical Microstimulation as a Feedback Source for Brain-Computer Interface Users. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2017 , 43-54	0.4	18
226	Restoring Touch through Intracortical Microstimulation of Human Somatosensory Cortex 2017 ,		4
225	Longitudinal Prediction of Quality-of-Life Scores and Locomotion in Individuals With Traumatic Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017 , 98, 2385-2392	2.8	17
224	Acute Response of the Infraspinatus and Biceps Tendons to Pitching in Youth Baseball. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1168-1175	1.2	7
223	Quality and Equity in Wheelchairs Used by Veterans. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017 , 98, 442-449	2.8	4

222	Motor cortical activity changes during neuroprosthetic-controlled object interaction. <i>Scientific Reports</i> , 2017 , 7, 16947	4.9	35
221	Human perception of electrical stimulation on the surface of somatosensory cortex. <i>PLoS ONE</i> , 2017 , 12, e0176020	3.7	74
220	Electrodiagnostic Evaluation of Individuals Implanted With Extracellular Matrix for the Treatment of Volumetric Muscle Injury: Case Series. <i>Physical Therapy</i> , 2016 , 96, 540-9	3.3	27
219	An acellular biologic scaffold treatment for volumetric muscle loss: results of a 13-patient cohort study. <i>Npj Regenerative Medicine</i> , 2016 , 1, 16008	15.8	109
218	Intracortical microstimulation of human somatosensory cortex. <i>Science Translational Medicine</i> , 2016 , 8, 361ra141	17.5	361
217	Processes and Outcomes from a Medical Student Research Training Program in Integrative, Complementary, and Alternative Medicine. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2016 , 95, 779-86	2.6	2
216	Type and Frequency of Reported Wheelchair Repairs and Related Adverse Consequences Among People With Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1753-60	2.8	28
215	Wheelchair Skills Capacity and Performance of Manual Wheelchair Users With Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1761-9	2.8	34
214	Mechanisms by which acellular biologic scaffolds promote functional skeletal muscle restoration. <i>Biomaterials</i> , 2016 , 103, 128-136	15.6	49
213	Early Detection of Pressure Ulcer Development Following Traumatic Spinal Cord Injury Using Inflammatory Mediators. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1656-62	2.8	14
212	Ultrasonographic Median Nerve Changes After Repeated Wheelchair Transfers in Persons With Paraplegia: Relationship With Subject Characteristics and Transfer Skills. <i>PM and R</i> , 2016 , 8, 305-313	2.2	10
211	Transfer component skill deficit rates among Veterans who use wheelchairs. <i>Journal of Rehabilitation Research and Development</i> , 2016 , 53, 279-94		10
210	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. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2016 , 95, 818-830	2.6	7
209	Effectiveness of a Wellness Program for Individuals With Spina Bifida and Spinal Cord Injury Within an Integrated Delivery System. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1969-1978	2.8	16
208	Immediate Biomechanical Implications of Transfer Component Skills Training on Independent Wheelchair Transfers. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1785-92	2.8	12
207	Transfer Technique Is Associated With Shoulder Pain and Pathology in People With Spinal Cord Injury: A Cross-Sectional Investigation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1770-6	2.8	18
206	Effectiveness of Group Wheelchair Skills Training for People With Spinal Cord Injury: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1777-1784.e3	2.8	23
205	Effects of Web-Based and In-Person Transfer Training on Individuals with Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, e7	2.8	3

204	Clinician Competency with Wheelchair Maintenance and the Efficacy of a Wheelchair Maintenance Training Program. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, e55	2.8	3
203	Factors related to injury in youth and adolescent baseball pitching, with an eye toward prevention. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015 , 94, 395-409	2.6	26
202	Brain computer interface learning for systems based on electrocorticography and intracortical microelectrode arrays. <i>Frontiers in Integrative Neuroscience</i> , 2015 , 9, 40	3.2	32
201	Computer keyboarding biomechanics and acute changes in median nerve indicative of carpal tunnel syndrome. <i>Clinical Biomechanics</i> , 2015 , 30, 546-50	2.2	18
200	Upper limb joint kinetics of three sitting pivot wheelchair transfer techniques in individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2015 , 38, 485-97	1.9	12
199	Ultrasonographic measurement of the acromiohumeral distance in spinal cord injury: Reliability and effects of shoulder positioning. <i>Journal of Spinal Cord Medicine</i> , 2015 , 38, 700-8	1.9	8
198	Examining implicit bias of physicians who care for individuals with spinal cord injury: A pilot study and future directions. <i>Journal of Spinal Cord Medicine</i> , 2015 , 38, 102-10	1.9	38
197	Dynamic Three-Dimensional Ultrasound to Evaluate Scapular Movement Among Manual Wheelchair Users and Healthy Controls. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2015 , 21, 303-12	1.5	0
196	An acellular biologic scaffold promotes skeletal muscle formation in mice and humans with volumetric muscle loss. <i>Science Translational Medicine</i> , 2014 , 6, 234ra58	17.5	313
195	Perfect--the enemy of good. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014 , 95, 608-9	2.8	3
194	Collaborative approach in the development of high-performance brain-computer interfaces for a neuroprosthetic arm: translation from animal models to human control. <i>Clinical and Translational Science</i> , 2014 , 7, 52-9	4.9	39
193	Is an appropriate wheelchair becoming out of reach? - Part 2. <i>PM and R</i> , 2014 , 6, 934-44	2.2	2
192	Differences between manufacturers in reported power wheelchair repairs and adverse consequences among people with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014 , 95, 597-603	2.8	18
191	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, 332-41	2.2	15
190	Additive effect of age on disability for individuals with spinal cord injuries. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014 , 95, 1076-82	2.8	12
189	Motor-related brain activity during action observation: a neural substrate for electrocorticographic brain-computer interfaces after spinal cord injury. <i>Frontiers in Integrative Neuroscience</i> , 2014 , 8, 17	3.2	19
188	Reliability of freehand three-dimensional ultrasound to measure scapular rotations. <i>Journal of Rehabilitation Research and Development</i> , 2014 , 51, 985-94		4
187	Effects of repetitive shoulder activity on the subacromial space in manual wheelchair users. <i>BioMed Research International</i> , 2014 , 2014, 583951	3	11

186	Robotics, stem cells, and brain-computer interfaces in rehabilitation and recovery from stroke: updates and advances. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014 , 93, S145-54	2.6	11
185	Targeted rehabilitation after extracellular matrix scaffold transplantation for the treatment of volumetric muscle loss. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014 , 93, S79-87	2.6	47
184	The relationship between independent transfer skills and upper limb kinetics in wheelchair users. <i>BioMed Research International</i> , 2014 , 2014, 984526	3	22
183	Disparities in wheelchair procurement by payer among people with spinal cord injury. <i>PM and R</i> , 2014 , 6, 412-7	2.2	13
182	An analysis of cerebral blood flow from middle cerebral arteries during cognitive tasks via functional transcranial Doppler recordings. <i>Neuroscience Research</i> , 2014 , 84, 19-26	2.9	10
181	Impact of a wheelchair education protocol based on practice guidelines for preservation of upper-limb function: a randomized trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014 , 95, 10-19. E11	2.8	14
180	Neuroprosthetic control and tetraplegia--authors'Reply. <i>Lancet, The</i> , 2013 , 381, 1900-1	4.0	9
179	High-performance neuroprosthetic control by an individual with tetraplegia. <i>Lancet, The</i> , 2013 , 381, 557-64	4.4	1146
178	Handrim wheelchair propulsion training effect on overground propulsion using biomechanical real-time visual feedback. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013 , 94, 256-63	2.8	25
177	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, 1230-46	2.8	20
176	Basic psychometric properties of the transfer assessment instrument (version 3.0). <i>Archives of Physical Medicine and Rehabilitation</i> , 2013 , 94, 2456-2464	2.8	33
175	Evacuation preparedness in full-time wheelchair users with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2013 , 36, 290-5	1.9	5
174	Functional priorities, assistive technology, and brain-computer interfaces after spinal cord injury. <i>Journal of Rehabilitation Research and Development</i> , 2013 , 50, 145-60		138
173	Health risks of vibration exposure to wheelchair users in the community. <i>Journal of Spinal Cord Medicine</i> , 2013 , 36, 365-75	1.9	17
172	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	3.7	30
171	An electrocorticographic brain interface in an individual with tetraplegia. <i>PLoS ONE</i> , 2013 , 8, e55344	3.7	263
170	Comparison between overground and dynamometer manual wheelchair propulsion. <i>Journal of Applied Biomechanics</i> , 2012 , 28, 412-9	1.2	15
169	Why do we need improved mobility technology?. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012 , 9, 16	5.3	2

168	Personalized neuromusculoskeletal modeling to improve treatment of mobility impairments: a perspective from European research sites. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012 , 9, 18	5.3	49
167	Structures promoting research, training, and technology transfer in mobility: lessons learned from a visit to European centers. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012 , 9, 19	5.3	1
166	Recent trends in assistive technology for mobility. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012 , 9, 20	5.3	92
165	Major trends in mobility technology research and development: overview of the results of the NSF-WTEC European study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012 , 9, 22	5.3	16
164	Manual wheelchair skills capacity predicts quality of life and community integration in persons with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012 , 93, 2237-43	2.8	67
163	Academic physiatry: vignettes of rewarding careers. <i>PM and R</i> , 2012 , 4, 923-7	2.2	
162	Wheelchair skill performance of manual wheelchair users with spinal cord injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2012 , 18, 138-9	1.5	9
161	Dynamic stiffness and transmissibility of commercially available wheelchair cushions using a laboratory test method. <i>Journal of Rehabilitation Research and Development</i> , 2012 , 49, 7-22		11
160	Pushrim kinetics during advanced wheelchair skills in manual wheelchair users with spinal cord injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2012 , 18, 140-2	1.5	2
159	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, 463-9	2.6	45
158	Integrating rehabilitation engineering technology with biologics. <i>PM and R</i> , 2011 , 3, S148-57	2.2	2
157	The effect of symptoms of carpal tunnel syndrome on ultrasonographic median nerve measures before and after wheelchair propulsion. <i>PM and R</i> , 2011 , 3, 803-10	2.2	14
156	Reliability and validity analysis of the transfer assessment instrument. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 499-508	2.8	28
155	Patterns, predictors, and associated benefits of driving a modified vehicle after spinal cord injury: findings from the National Spinal Cord Injury Model Systems. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 477-83	2.8	23
154	Future directions for spinal cord injury research: recent developments and model systems contributions. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 509-15	2.8	15
153	Emergency evacuation readiness of full-time wheelchair users with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 491-8	2.8	19
152	Investigation of factors associated with manual wheelchair mobility in persons with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 484-90	2.8	28
151	The association of race, cultural factors, and health-related quality of life in persons with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 441-8	2.8	23

150	The relationship between quality of life and change in mobility 1 year postinjury in individuals with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 1027-33	2.8	48
149	Comparison of virtual wheelchair driving performance of people with traumatic brain injury using an isometric and a conventional joystick. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 1298-304	2.8	12
148	Upper limb kinetic analysis of three sitting pivot wheelchair transfer techniques. <i>Clinical Biomechanics</i> , 2011 , 26, 923-9	2.2	26
147	Comparison of skin perfusion response with alternating and constant pressures in people with spinal cord injury. <i>Spinal Cord</i> , 2011 , 49, 136-41	2.7	42
146	Toward synergy-based brain-machine interfaces. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2011 , 15, 726-36		29
145	Effects of computer keyboarding on ultrasonographic measures of the median nerve. <i>American Journal of Industrial Medicine</i> , 2011 , 54, 826-33	2.7	21
144	Development of custom measurement system for biomechanical evaluation of independent wheelchair transfers. <i>Journal of Rehabilitation Research and Development</i> , 2011 , 48, 1015-28		12
143	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	1.5	13
142	Applying Robotics in a Clinical Rehabilitation Setting for Upper Limb Neurological Impairment. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2011 , 17, 60-65	1.5	
141	The emerging relationship between regenerative medicine and physical therapeutics. <i>Physical Therapy</i> , 2010 , 90, 1807-14	3.3	42
140	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, 349-60		19
139	Foreword: Scholarly concentrations in the medical student curriculum. <i>Academic Medicine</i> , 2010 , 85, 403-49	3.4	9
138	The synergistic effect of treadmill running on stem-cell transplantation to heal injured skeletal muscle. <i>Tissue Engineering - Part A</i> , 2010 , 16, 839-49	3.9	62
137	Implementation of a longitudinal mentored scholarly project: an approach at two medical schools. <i>Academic Medicine</i> , 2010 , 85, 429-37	3.9	59
136	Effect of an intense wheelchair propulsion task on quantitative ultrasound of shoulder tendons. <i>PM and R</i> , 2010 , 2, 920-5	2.2	21
135	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	2.2	8
134	Neural interface technology for rehabilitation: exploiting and promoting neuroplasticity. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2010 , 21, 157-78	2.3	139
133	Required vs. elective research and in-depth scholarship programs in the medical student curriculum. <i>Academic Medicine</i> , 2010 , 85, 405-8	3.9	52

132	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	1.9	25
131	Validation of grayscale-based quantitative ultrasound in manual wheelchair users: relationship to established clinical measures of shoulder pathology. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010 , 89, 390-400	2.6	41
130	Repeatability of ultrasonographic median nerve measures. <i>Muscle and Nerve</i> , 2010 , 41, 767-73	3.4	46
129	Validation of the seating and mobility script concordance test. <i>Assistive Technology</i> , 2009 , 21, 47-56	1.5	4
128	Biomechanical analysis of functional electrical stimulation on trunk musculature during wheelchair propulsion. <i>Neurorehabilitation and Neural Repair</i> , 2009 , 23, 717-25	4.7	23
127	Functional overloading of dystrophic mice enhances muscle-derived stem cell contribution to muscle contractile capacity. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009 , 90, 66-73	2.8	15
126	Redefining the manual wheelchair stroke cycle: identification and impact of nonpropulsive pushrim contact. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009 , 90, 20-6	2.8	36
125	Impact of surface type, wheelchair weight, and axle position on wheelchair propulsion by novice older adults. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009 , 90, 1076-83	2.8	68
124	A preliminary model of wheelchair service delivery. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009 , 90, 1030-8	2.8	45
123	Ultrasonographic median nerve changes after a wheelchair sporting event. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009 , 90, 1489-94	2.8	22
122	Manual wheelchair propulsion patterns on natural surfaces during start-up propulsion. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009 , 90, 1916-23	2.8	38
121	Wheelchair repairs, breakdown, and adverse consequences for people with traumatic spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009 , 90, 2034-8	2.8	54
120	Reliability of quantitative ultrasound measures of the biceps and supraspinatus tendons. <i>Academic Radiology</i> , 2009 , 16, 1424-32	4.3	50
119	The effect of muscle loading on skeletal muscle regenerative potential: an update of current research findings relating to aging and neuromuscular pathology. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009 , 88, 145-55	2.6	48
118	Carpal tunnel syndrome in manual wheelchair users with spinal cord injury: a cross-sectional multicenter study. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009 , 88, 1007-16	2.6	35
117	Building a research program in physical medicine and rehabilitation. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009 , 88, 659-66	2.6	6
116	The Rehabilitation Medicine Scientist Training Program: impact and lessons learned. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009 , 88, 169-79	2.6	10
115	Building a research program in rehabilitation sciences, Part II: case studies: University of Texas Medical Branch, Boston University, University of Pittsburgh, and University of Washington. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009 , 88, 667-78	2.6	4

114	Biomechanics of Sitting Pivot Transfers Among Individuals with a Spinal Cord Injury: A Review of the Current Knowledge. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2009 , 15, 33-58	1.5	32
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