

Robert W Motl

List of Publications by Citations

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294
papers

11,307
citations

56
h-index

90
g-index

302
ext. papers

12,990
ext. citations

3.1
avg, IF

6.9
L-index

#	Paper	IF	Citations
294	Effects of exercise training on fitness, mobility, fatigue, and health-related quality of life among adults with multiple sclerosis: a systematic review to inform guideline development. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013 , 94, 1800-1828.e3	2.8	396
293	Physical activity and multiple sclerosis: a meta-analysis. <i>Multiple Sclerosis Journal</i> , 2005 , 11, 459-63	5	385
292	The benefits of exercise training in multiple sclerosis. <i>Nature Reviews Neurology</i> , 2012 , 8, 487-97	15	257
291	Physical activity and quality of life in multiple sclerosis: intermediary roles of disability, fatigue, mood, pain, self-efficacy and social support. <i>Psychology, Health and Medicine</i> , 2009 , 14, 111-24	2.1	215
290	Exercise in patients with multiple sclerosis. <i>Lancet Neurology, The</i> , 2017 , 16, 848-856	24.1	210
289	Effects of exercise training on fatigue in multiple sclerosis: a meta-analysis. <i>Psychosomatic Medicine</i> , 2013 , 75, 575-80	3.7	196
288	Development of evidence-informed physical activity guidelines for adults with multiple sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013 , 94, 1829-1836.e7	2.8	190
287	Physical activity and cognitive function in a cross-section of younger and older community-dwelling individuals. <i>Health Psychology</i> , 2006 , 25, 678-687	5	170
286	Validity of the timed 25-foot walk as an ambulatory performance outcome measure for multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2017 , 23, 704-710	5	163
285	Objectively quantified physical activity in persons with multiple sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013 , 94, 2342-2348	2.8	154
284	The safety of exercise training in multiple sclerosis: a systematic review. <i>Journal of the Neurological Sciences</i> , 2014 , 343, 3-7	3.2	154
283	Internet intervention for increasing physical activity in persons with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 116-28	5	145
282	Mobility, balance and falls in persons with multiple sclerosis. <i>PLoS ONE</i> , 2011 , 6, e28021	3.7	145
281	Validity of physical activity measures in ambulatory individuals with multiple sclerosis. <i>Disability and Rehabilitation</i> , 2006 , 28, 1151-6	2.4	139
280	Physical activity, disability, and quality of life in older adults. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2010 , 21, 299-308	2.3	137
279	Validity of the Timed Up and Go Test as a Measure of Functional Mobility in Persons With Multiple Sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1072-7	2.8	130
278	Physical activity and multiple sclerosis: validity of self-report and objective measures. <i>Family and Community Health</i> , 2007 , 30, 144-50	1.6	126

277	Is social desirability associated with self-reported physical activity?. <i>Preventive Medicine</i> , 2005 , 40, 735-9	4.3	120
276	Perceptions of physical and social environment variables and self-efficacy as correlates of self-reported physical activity among adolescent girls. <i>Journal of Pediatric Psychology</i> , 2007 , 32, 6-12	3.2	116
275	META-ANALYSIS OF ACUTE EXERCISE EFFECTS ON STATE ANXIETY: AN UPDATE OF RANDOMIZED CONTROLLED TRIALS OVER THE PAST 25 YEARS. <i>Depression and Anxiety</i> , 2015 , 32, 624-34	8.4	112
274	Exercise training improves depressive symptoms in people with multiple sclerosis: results of a meta-analysis. <i>Journal of Psychosomatic Research</i> , 2014 , 76, 465-71	4.1	112
273	Correlates of physical activity among individuals with multiple sclerosis. <i>Annals of Behavioral Medicine</i> , 2006 , 32, 154-61	4.5	110
272	Possible clinical outcome measures for clinical trials in patients with multiple sclerosis. <i>Therapeutic Advances in Neurological Disorders</i> , 2010 , 3, 229-39	6.6	108
271	Benefits of Exercise Training in Multiple Sclerosis. <i>Current Neurology and Neuroscience Reports</i> , 2015 , 15, 62	6.6	105
270	Clinically meaningful performance benchmarks in MS: timed 25-foot walk and the real world. <i>Neurology</i> , 2013 , 81, 1856-63	6.5	102
269	Systematic, Evidence-Based Review of Exercise, Physical Activity, and Physical Fitness Effects on Cognition in Persons with Multiple Sclerosis. <i>Neuropsychology Review</i> , 2016 , 26, 271-294	7.7	99
268	Effect of Exercise Training on Fitness in Multiple Sclerosis: A Meta-Analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1564-1572	2.8	97
267	Upper and lower extremity motor function and cognitive impairment in multiple sclerosis. <i>Journal of the International Neuropsychological Society</i> , 2011 , 17, 643-53	3.1	97
266	Internet-delivered behavioral intervention to increase physical activity in persons with multiple sclerosis: sustainability and secondary outcomes. <i>Psychology, Health and Medicine</i> , 2012 , 17, 636-51	2.1	96
265	Influence of spasticity on mobility and balance in persons with multiple sclerosis. <i>Journal of Neurologic Physical Therapy</i> , 2011 , 35, 129-32	4.1	95
264	Effect of exercise on depressive symptoms in adults with neurologic disorders: a systematic review and meta-analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015 , 96, 1329-38	2.8	92
263	Multiple sclerosis and postural control: the role of spasticity. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010 , 91, 93-9	2.8	90
262	Symptoms, self-efficacy, and physical activity among individuals with multiple sclerosis. <i>Research in Nursing and Health</i> , 2006 , 29, 597-606	2	88
261	Physical activity, self-efficacy, and quality of life in multiple sclerosis. <i>Annals of Behavioral Medicine</i> , 2008 , 35, 111-5	4.5	86
260	Accelerometer output and its association with energy expenditure in persons with multiple sclerosis. <i>Journal of Rehabilitation Research and Development</i> , 2012 , 49, 467-75		85

259	Physical activity behavior change in persons with neurologic disorders: overview and examples from Parkinson disease and multiple sclerosis. <i>Journal of Neurologic Physical Therapy</i> , 2013 , 37, 85-90	4.1	84
258	Perceived physical environment and physical activity across one year among adolescent girls: self-efficacy as a possible mediator?. <i>Journal of Adolescent Health</i> , 2005 , 37, 403-8	5.8	84
257	Depressive symptoms among older adults: long-term reduction after a physical activity intervention. <i>Journal of Behavioral Medicine</i> , 2005 , 28, 385-94	3.6	84
256	Physical activity and exercise training in multiple sclerosis: a review and content analysis of qualitative research identifying perceived determinants and consequences. <i>Disability and Rehabilitation</i> , 2016 , 38, 1227-42	2.4	77
255	Physical activity and irreversible disability in multiple sclerosis. <i>Exercise and Sport Sciences Reviews</i> , 2010 , 38, 186-91	6.7	76
254	Monitoring gait in multiple sclerosis with novel wearable motion sensors. <i>PLoS ONE</i> , 2017 , 12, e0171346	3.7	75
253	Lifestyle physical activity in persons with multiple sclerosis: the new kid on the MS block. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 1025-9	5	75
252	Confirmation and extension of the validity of the Multiple Sclerosis Walking Scale-12 (MSWS-12). <i>Journal of the Neurological Sciences</i> , 2008 , 268, 69-73	3.2	72
251	Ambulation and multiple sclerosis. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2013 , 24, 325-36	2.3	71
250	Energy cost of walking and its association with gait parameters, daily activity, and fatigue in persons with mild multiple sclerosis. <i>Neurorehabilitation and Neural Repair</i> , 2012 , 26, 1015-21	4.7	70
249	Accuracy of StepWatch and ActiGraph accelerometers for measuring steps taken among persons with multiple sclerosis. <i>PLoS ONE</i> , 2014 , 9, e93511	3.7	68
248	Exercise training effects on memory and hippocampal viscoelasticity in multiple sclerosis: a novel application of magnetic resonance elastography. <i>Neuroradiology</i> , 2017 , 59, 61-67	3.2	66
247	Increasing physical activity in multiple sclerosis: replicating Internet intervention effects using objective and self-report outcomes. <i>Journal of Rehabilitation Research and Development</i> , 2011 , 48, 1129-36		62
246	Current Trends in Exercise Intervention Research, Technology, and Behavioral Change Strategies for People With Disabilities: A Scoping Review. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017 , 96, 748-761	2.6	61
245	Quantifying gait impairment in multiple sclerosis using GAITRite technology. <i>Gait and Posture</i> , 2011 , 34, 145-7	2.6	61
244	Cognitive dysfunction and multiple sclerosis: developing a rationale for considering the efficacy of exercise training. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 1034-40	5	61
243	Physical activity, self-efficacy, and health-related quality of life in persons with multiple sclerosis: analysis of associations between individual-level changes over one year. <i>Quality of Life Research</i> , 2013 , 22, 253-61	3.7	60
242	Naturally occurring changes in time spent watching television are inversely related to frequency of physical activity during early adolescence. <i>Journal of Adolescence</i> , 2006 , 29, 19-32	3.4	58

241	Longitudinal change in physical activity and its correlates in relapsing-remitting multiple sclerosis. <i>Physical Therapy</i> , 2013 , 93, 1037-48	3.3	57
240	Shame-related functions of and motivations for self-injurious behavior. <i>Personality Disorders: Theory, Research, and Treatment</i> , 2014 , 5, 204-11	4.1	56
239	Reactivity in baseline accelerometer data from a physical activity behavioral intervention. <i>Health Psychology</i> , 2012 , 31, 172-5	5	56
238	Walking impairment in patients with multiple sclerosis: exercise training as a treatment option. <i>Neuropsychiatric Disease and Treatment</i> , 2010 , 6, 767-74	3.1	56
237	Symptom cluster as a predictor of physical activity in multiple sclerosis: preliminary evidence. <i>Journal of Pain and Symptom Management</i> , 2009 , 38, 270-80	4.8	55
236	Exercise Training Guidelines for Multiple Sclerosis, Stroke, and Parkinson Disease: Rapid Review and Synthesis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019 , 98, 613-621	2.6	55
235	Association between physical fitness and cognitive function in multiple sclerosis: does disability status matter?. <i>Neurorehabilitation and Neural Repair</i> , 2015 , 29, 214-23	4.7	54
234	Effect of caffeine on leg muscle pain during cycling exercise among females. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 598-604	1.2	54
233	Cardiorespiratory fitness and its association with thalamic, hippocampal, and basal ganglia volumes in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2015 , 7, 661-6	5.3	52
232	Physical activity and self-reported cardiovascular comorbidities in persons with multiple sclerosis: evidence from a cross-sectional analysis. <i>Neuroepidemiology</i> , 2011 , 36, 183-91	5.4	51
231	Exercise Training and Cognitive Rehabilitation: A Symbiotic Approach for Rehabilitating Walking and Cognitive Functions in Multiple Sclerosis?. <i>Neurorehabilitation and Neural Repair</i> , 2016 , 30, 499-511	4.7	49
230	Clinical importance of steps taken per day among persons with multiple sclerosis. <i>PLoS ONE</i> , 2013 , 8, e73247	3.7	48
229	Sedentary behaviour in people with multiple sclerosis: Is it time to stand up against MS?. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1250-6	5	48
228	Symptoms and physical activity behavior in individuals with multiple sclerosis. <i>Research in Nursing and Health</i> , 2008 , 31, 466-75	2	47
227	Results of a feasibility randomised controlled study of the guidelines for exercise in multiple sclerosis project. <i>Contemporary Clinical Trials</i> , 2017 , 54, 84-97	2.3	46
226	Physical Fitness Assessment Across the Disability Spectrum in Persons With Multiple Sclerosis: A Comparison of Testing Modalities. <i>Journal of Neurologic Physical Therapy</i> , 2015 , 39, 241-9	4.1	46
225	Accuracy of the actibelt(®) accelerometer for measuring walking speed in a controlled environment among persons with multiple sclerosis. <i>Gait and Posture</i> , 2012 , 35, 192-6	2.6	46
224	Oxygen cost of treadmill and over-ground walking in mildly disabled persons with multiple sclerosis. <i>Neurological Sciences</i> , 2011 , 32, 255-62	3.5	46

223	Calibration of accelerometer output for ambulatory adults with multiple sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009 , 90, 1778-84	2.8	46
222	Is physical exercise a multiple sclerosis disease modifying treatment?. <i>Expert Review of Neurotherapeutics</i> , 2016 , 16, 951-60	4.3	46
221	Multiple sclerosis patients need and want information on exercise promotion from healthcare providers: a qualitative study. <i>Health Expectations</i> , 2017 , 20, 574-583	3.7	45
220	Lower physical activity is associated with higher disease burden in pediatric multiple sclerosis. <i>Neurology</i> , 2015 , 85, 1663-9	6.5	45
219	Accelerometry and its association with objective markers of walking limitations in ambulatory adults with multiple sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010 , 91, 1942-7	2.8	45
218	Objectively Measured Physical Activity Is Associated with Brain Volumetric Measurements in Multiple Sclerosis. <i>Behavioural Neurology</i> , 2015 , 2015, 482536	3	44
217	Multiple Sclerosis Walking Scale-12 and oxygen cost of walking. <i>Gait and Posture</i> , 2010 , 31, 506-10	2.6	44
216	Relationships among physical inactivity, deconditioning, and walking impairment in persons with multiple sclerosis. <i>Journal of Neurologic Physical Therapy</i> , 2015 , 39, 103-10	4.1	43
215	Walking and cognition, but not symptoms, correlate with dual task cost of walking in multiple sclerosis. <i>Gait and Posture</i> , 2014 , 39, 870-4	2.6	43
214	Accurate prediction of cardiorespiratory fitness using cycle ergometry in minimally disabled persons with relapsing-remitting multiple sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012 , 93, 490-5	2.8	43
213	Exercise and lifestyle physical activity recommendations for people with multiple sclerosis throughout the disease course. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1459-1469	5	42
212	Evidence for the different physiological significance of the 6- and 2-minute walk tests in multiple sclerosis. <i>BMC Neurology</i> , 2012 , 12, 6	3.1	41
211	Mobility disability and the pattern of accelerometer-derived sedentary and physical activity behaviors in people with multiple sclerosis. <i>Preventive Medicine Reports</i> , 2015 , 2, 241-6	2.6	41
210	Accelerometer cut-points derived during over-ground walking in persons with mild, moderate, and severe multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2014 , 340, 50-7	3.2	41
209	Increasing physical activity in multiple sclerosis using a behavioral intervention. <i>Behavioral Medicine</i> , 2011 , 37, 125-31	4.4	41
208	Symptom cluster and quality of life in multiple sclerosis. <i>Journal of Pain and Symptom Management</i> , 2010 , 39, 1025-32	4.8	41
207	Validation of the Godin Leisure-Time Exercise Questionnaire classification coding system using accelerometry in multiple sclerosis. <i>Rehabilitation Psychology</i> , 2018 , 63, 77-82	2.7	41
206	Systematically developed pilot randomized controlled trial of exercise and cognition in persons with multiple sclerosis. <i>Neurocase</i> , 2016 , 22, 443-450	0.8	41

205	Wellness and multiple sclerosis: The National MS Society establishes a Wellness Research Working Group and research priorities. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 262-267	5	40
204	Neurological disability and its association with walking impairment in multiple sclerosis: brief review. <i>Neurodegenerative Disease Management</i> , 2014 , 4, 491-500	2.8	40
203	Improved physical fitness correlates with improved cognition in multiple sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014 , 95, 1328-34	2.8	40
202	Does an accelerometer accurately measure steps taken under controlled conditions in adults with mild multiple sclerosis?. <i>Disability and Health Journal</i> , 2011 , 4, 52-7	4.2	39
201	Accuracy and precision of smartphone applications and commercially available motion sensors in multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2016 , 2, 2055217316634734	2.6	38
200	Preliminary evidence that self-efficacy predicts physical activity in multiple sclerosis. <i>International Journal of Rehabilitation Research</i> , 2009 , 32, 260-3	1.8	38
199	Modifiable Psychosocial Constructs Associated With Physical Activity Participation in People With Multiple Sclerosis: A Systematic Review and Meta-Analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017 , 98, 1453-1475	2.8	37
198	Top 10 research questions related to physical activity and multiple sclerosis. <i>Research Quarterly for Exercise and Sport</i> , 2015 , 86, 117-29	1.9	37
197	Social cognitive variables as correlates of physical activity in persons with multiple sclerosis: findings from a longitudinal, observational study. <i>Behavioral Medicine</i> , 2011 , 37, 87-94	4.4	37
196	Combined training improves walking mobility in persons with significant disability from multiple sclerosis: a pilot study. <i>Journal of Neurologic Physical Therapy</i> , 2012 , 36, 32-7	4.1	37
195	Physical activity behaviors in individuals with multiple sclerosis: roles of overall and specific symptoms, and self-efficacy. <i>Journal of Pain and Symptom Management</i> , 2008 , 36, 46-53	4.8	37
194	The MSOAC approach to developing performance outcomes to measure and monitor multiple sclerosis disability. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1469-1484	5	37
193	Physical activity and cognitive function in multiple sclerosis. <i>Journal of Sport and Exercise Psychology</i> , 2011 , 33, 734-41	1.5	36
192	Symptoms and physical activity among adults with relapsing-remitting multiple sclerosis. <i>Journal of Nervous and Mental Disease</i> , 2010 , 198, 213-9	1.8	36
191	Physical activity correlates with neurological impairment and disability in multiple sclerosis. <i>Journal of Nervous and Mental Disease</i> , 2008 , 196, 492-5	1.8	36
190	The descriptive epidemiology of daily sitting time as a sedentary behavior in multiple sclerosis. <i>Disability and Health Journal</i> , 2015 , 8, 594-601	4.2	35
189	Efficacy of a behavioral intervention for reducing sedentary behavior in persons with multiple sclerosis: a pilot examination. <i>American Journal of Preventive Medicine</i> , 2014 , 47, 613-6	6.1	35
188	Benefits, safety, and prescription of exercise in persons with multiple sclerosis. <i>Expert Review of Neurotherapeutics</i> , 2014 , 14, 1429-36	4.3	35

187	Cognitive motor interference during walking in multiple sclerosis using an alternate-letter alphabet task. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014 , 95, 1498-503	2.8	35
186	Effects of exercise in experimental autoimmune encephalomyelitis (an animal model of multiple sclerosis). <i>Journal of Neuroimmunology</i> , 2014 , 274, 14-9	3.5	34
185	Social cognitive correlates of physical activity: findings from a cross-sectional study of adults with relapsing-remitting multiple sclerosis. <i>Journal of Physical Activity and Health</i> , 2011 , 8, 626-35	2.5	34
184	Accuracy of two electronic pedometers for measuring steps taken under controlled conditions among ambulatory individuals with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2005 , 11, 343-5	5	34
183	Use of the Godin leisure-time exercise questionnaire in multiple sclerosis research: a comprehensive narrative review. <i>Disability and Rehabilitation</i> , 2019 , 41, 1243-1267	2.4	34
182	Premorbid physical activity predicts disability progression in relapsing-remitting multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2012 , 323, 123-7	3.2	33
181	Effects of change in fatigue and depression on physical activity over time in relapsing-remitting multiple sclerosis. <i>Psychology, Health and Medicine</i> , 2011 , 16, 1-11	2.1	33
180	Longitudinal analysis of physical activity and symptoms as predictors of change in functional limitations and disability in multiple sclerosis. <i>Rehabilitation Psychology</i> , 2009 , 54, 204-10	2.7	33
179	Symptom cluster and quality of life: preliminary evidence in multiple sclerosis. <i>Journal of Neuroscience Nursing</i> , 2010 , 42, 212-6	1.5	33
178	Correlates of dual task cost of standing balance in individuals with multiple sclerosis. <i>Gait and Posture</i> , 2014 , 40, 352-6	2.6	32
177	Levels and Rates of Physical Activity in Older Adults with Multiple Sclerosis 2016 , 7, 278-84		32
176	Benchmarks of meaningful impairment on the MSFC and BICAMS. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1874-1882	5	32
175	Feasibility study design and methods for Project GEMS: Guidelines for Exercise in Multiple Sclerosis. <i>Contemporary Clinical Trials</i> , 2016 , 47, 32-9	2.3	31
174	Internet-delivered lifestyle physical activity intervention improves body composition in multiple sclerosis: preliminary evidence from a randomized controlled trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014 , 95, 1283-8	2.8	31
173	Effect of a 4-week period of unloaded leg cycling exercise on spasticity in multiple sclerosis. <i>NeuroRehabilitation</i> , 2009 , 24, 327-31	2	31
172	Multimodal exercise training in multiple sclerosis: A randomized controlled trial in persons with substantial mobility disability. <i>Contemporary Clinical Trials</i> , 2017 , 61, 39-47	2.3	29
171	Effect of exercising at minimum recommendations of the multiple sclerosis exercise guideline combined with structured education or attention control education - secondary results of the step it up randomised controlled trial. <i>BMC Neurology</i> , 2017 , 17, 119	3.1	29
170	Commercially available accelerometry as an ecologically valid measure of ambulation in individuals with multiple sclerosis. <i>Expert Review of Neurotherapeutics</i> , 2012 , 12, 1079-88	4.3	29

169	Important considerations for feasibility studies in physical activity research involving persons with multiple sclerosis: a scoping systematic review and case study. <i>Pilot and Feasibility Studies</i> , 2018 , 4, 1	1.9	28
168	Demographic correlates of physical activity in individuals with multiple sclerosis. <i>Disability and Rehabilitation</i> , 2007 , 29, 1301-4	2.4	28
167	Pallidal and caudate volumes correlate with walking function in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2015 , 354, 33-6	3.2	27
166	Comprehensive Profile of Cardiopulmonary Exercise Testing in Ambulatory Persons with Multiple Sclerosis. <i>Sports Medicine</i> , 2016 , 46, 1365-79	10.6	27
165	Diffusion tensor imaging of the corticospinal tract and walking performance in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2016 , 363, 225-31	3.2	27
164	Effects of exercise training on cytokines and adipokines in multiple Sclerosis: A systematic review. <i>Multiple Sclerosis and Related Disorders</i> , 2018 , 24, 91-100	4	27
163	Stride-Time Variability and Fall Risk in Persons with Multiple Sclerosis. <i>Multiple Sclerosis International</i> , 2015 , 2015, 964790	1.1	27
162	Fall risk and incidence reduction in high risk individuals with multiple sclerosis: a pilot randomized control trial. <i>Clinical Rehabilitation</i> , 2015 , 29, 952-60	3.3	27
161	Symptom cluster and physical activity in relapsing-remitting multiple sclerosis. <i>Research in Nursing and Health</i> , 2010 , 33, 398-412	2	27
160	Promotion of physical activity and exercise in multiple sclerosis: Importance of behavioral science and theory. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2018 , 4, 2055217318786745	7.5	26
159	Footfall placement variability and falls in multiple sclerosis. <i>Annals of Biomedical Engineering</i> , 2013 , 41, 1740-7	4.7	26
158	Lifestyle physical activity and walking impairment over time in relapsing-remitting multiple sclerosis: results from a panel study. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2011 , 90, 372-9	2.6	25
157	Validity, invariance and responsiveness of a self-report measure of functional limitations and disability in multiple sclerosis. <i>Disability and Rehabilitation</i> , 2010 , 32, 1260-71	2.4	25
156	Effect of acute leg cycling on the soleus H-reflex and modified Ashworth scale scores in individuals with multiple sclerosis. <i>Neuroscience Letters</i> , 2006 , 406, 289-92	3.3	25
155	Motion sensors in multiple sclerosis: Narrative review and update of applications. <i>Expert Review of Medical Devices</i> , 2017 , 14, 891-900	3.5	24
154	Further validation of the Six-Spot Step Test as a measure of ambulation in multiple sclerosis. <i>Gait and Posture</i> , 2015 , 41, 222-7	2.6	24
153	Wearable biosensors to monitor disability in multiple sclerosis. <i>Neurology: Clinical Practice</i> , 2017 , 7, 354-362	3.6	24
152	Pilot Trial of a Social Cognitive Theory-Based Physical Activity Intervention Delivered by Nonsupervised Technology in Persons With Multiple Sclerosis. <i>Journal of Physical Activity and Health</i> , 2015 , 12, 924-30	2.5	24

151	Preliminary validation of the short physical performance battery in older adults with multiple sclerosis: secondary data analysis. <i>BMC Geriatrics</i> , 2015 , 15, 157	4.1	24
150	The Importance of Physical Fitness in Multiple Sclerosis. <i>Journal of Novel Physiotherapies</i> , 2013 , 03,	0.5	24
149	Home-based, square-stepping exercise program among older adults with multiple sclerosis: results of a feasibility randomized controlled study. <i>Contemporary Clinical Trials</i> , 2018 , 73, 136-144	2.3	24
148	Moving exercise research in multiple sclerosis forward (the MoXFo initiative): Developing consensus statements for research. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1303-1308	5	23
147	Promotion of Exercise in Multiple Sclerosis Through Health Care Providers. <i>Exercise and Sport Sciences Reviews</i> , 2018 , 46, 105-111	6.7	23
146	Thalamus volume and ambulation in multiple sclerosis: a cross-sectional study. <i>Neurodegenerative Disease Management</i> , 2016 , 6, 23-9	2.8	23
145	Acute effects of varying intensities of treadmill walking exercise on inhibitory control in persons with multiple sclerosis: A pilot investigation. <i>Physiology and Behavior</i> , 2016 , 154, 20-7	3.5	23
144	Social cognitive predictors of physical activity in relapsing-remitting multiple sclerosis. <i>International Journal of Behavioral Medicine</i> , 2014 , 21, 891-8	2.6	23
143	Promoting Physical Activity Through a Manual Wheelchair Propulsion Intervention in Persons With Multiple Sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015 , 96, 1850-8	2.8	22
142	Physical activity is associated with cognitive processing speed in persons with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2014 , 3, 123-8	4	22
141	Weight status and disability in multiple sclerosis: An examination of bi-directional associations over a 24-month period. <i>Multiple Sclerosis and Related Disorders</i> , 2012 , 1, 139-44	4	22
140	A randomised controlled trial of an exercise plus behaviour change intervention in people with multiple sclerosis: the step it up study protocol. <i>BMC Neurology</i> , 2014 , 14, 241	3.1	22
139	Physical Activity and Its Correlates in Youth with Multiple Sclerosis. <i>Journal of Pediatrics</i> , 2016 , 179, 197-203.e22	3.6	22
138	Maintenance Effects of a DVD-Delivered Exercise Intervention on Physical Function in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 785-9	6.4	21
137	Association between change in physical activity and short-term disability progression in multiple sclerosis. <i>Journal of Rehabilitation Medicine</i> , 2011 , 43, 305-10	3.4	21
136	Walking endurance in multiple sclerosis: Meta-analysis of six-minute walk test performance. <i>Gait and Posture</i> , 2019 , 73, 147-153	2.6	20
135	Physical activity and walking performance across the lifespan among adults with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2019 , 35, 36-41	4	20
134	Oxygen cost of walking in persons with multiple sclerosis: disability matters, but why?. <i>Multiple Sclerosis International</i> , 2014 , 2014, 162765	1.1	20

133	Longitudinal measurement invariance of the Multiple Sclerosis Walking Scale-12. <i>Journal of the Neurological Sciences</i> , 2011 , 305, 75-9	3.2	20
132	Does the effect of a physical activity behavioral intervention vary by characteristics of people with multiple sclerosis?. <i>International Journal of MS Care</i> , 2015 , 17, 65-72	2.3	20
131	Effects of Single Bouts of Walking Exercise and Yoga on Acute Mood Symptoms in People with Multiple Sclerosis. <i>International Journal of MS Care</i> , 2016 , 18, 1-8	2.3	20
130	Randomized controlled trial of an e-learning designed behavioral intervention for increasing physical activity behavior in multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2017 , 3, 2055217317734886	2	19
129	Exercise training and cognitive performance in persons with multiple sclerosis: A systematic review and multilevel meta-analysis of clinical trials. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 1977-1993	5	19
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