

Leon M Straker

List of Publications by Citations

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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.

348
papers

10,280
citations

51
h-index

82
g-index

382
ext. papers

12,175
ext. citations

3.5
avg, IF

6.61
L-index

#	Paper	IF	Citations
348	A field comparison of neck and shoulder postures in symptomatic and asymptomatic office workers. <i>Applied Ergonomics</i> , 2002 , 33, 75-84	4.2	269
347	The contribution of office work to sedentary behaviour associated risk. <i>BMC Public Health</i> , 2013 , 13, 296	4.1	257
346	Differences in sitting postures are associated with nonspecific chronic low back pain disorders when patients are subclassified. <i>Spine</i> , 2006 , 31, 698-704	3.3	229
345	Reliability of EMG measurements for trunk muscles during maximal and sub-maximal voluntary isometric contractions in healthy controls and CLBP patients. <i>Journal of Electromyography and Kinesiology</i> , 2004 , 14, 333-42	2.5	218
344	What does best practice care for musculoskeletal pain look like? Eleven consistent recommendations from high-quality clinical practice guidelines: systematic review. <i>British Journal of Sports Medicine</i> , 2020 , 54, 79-86	10.3	209
343	Reducing occupational sedentary time: a systematic review and meta-analysis of evidence on activity-permissive workstations. <i>Obesity Reviews</i> , 2014 , 15, 822-38	10.6	207
342	Altered patterns of superficial trunk muscle activation during sitting in nonspecific chronic low back pain patients: importance of subclassification. <i>Spine</i> , 2006 , 31, 2017-23	3.3	165
341	A comparison of symptomatic and asymptomatic office workers performing monotonous keyboard work--1: neck and shoulder muscle recruitment patterns. <i>Manual Therapy</i> , 2005 , 10, 270-80		164
340	A comparison of symptomatic and asymptomatic office workers performing monotonous keyboard work--2: neck and shoulder kinematics. <i>Manual Therapy</i> , 2005 , 10, 281-91		146
339	Do highly physically active workers die early? A systematic review with meta-analysis of data from 193 696 participants. <i>British Journal of Sports Medicine</i> , 2018 , 52, 1320-1326	10.3	140
338	The relationship among physical activity, motor competence and health-related fitness in 14-year-old adolescents. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009 , 19, 655-63	4.6	135
337	Classification of sagittal thoraco-lumbo-pelvic alignment of the adolescent spine in standing and its relationship to low back pain. <i>Spine</i> , 2008 , 33, 2101-7	3.3	134
336	The inter-examiner reliability of a classification method for non-specific chronic low back pain patients with motor control impairment. <i>Manual Therapy</i> , 2006 , 11, 28-39		126
335	Increased physical work loads in modern work--a necessity for better health and performance?. <i>Ergonomics</i> , 2009 , 52, 1215-25	2.9	123
334	Discriminating healthy controls and two clinical subgroups of nonspecific chronic low back pain patients using trunk muscle activation and lumbosacral kinematics of postures and movements: a statistical classification model. <i>Spine</i> , 2009 , 34, 1610-8	3.3	114
333	The effects of walking and cycling computer workstations on keyboard and mouse performance. <i>Human Factors</i> , 2009 , 51, 831-44	3.8	109
332	A comparison of the postures assumed when using laptop computers and desktop computers. <i>Applied Ergonomics</i> , 1997 , 28, 263-8	4.2	109

331	A comparison of posture and muscle activity during tablet computer, desktop computer and paper use by young children. <i>Ergonomics</i> , 2008 , 51, 540-55	2.9	106
330	Thoracic spine pain in the general population: prevalence, incidence and associated factors in children, adolescents and adults. A systematic review. <i>BMC Musculoskeletal Disorders</i> , 2009 , 10, 77	2.8	103
329	Health literacy and beliefs among a community cohort with and without chronic low back pain. <i>Pain</i> , 2010 , 150, 275-283	8	102
328	Cohort Profile: The Western Australian Pregnancy Cohort (Raine) Study-Generation 2. <i>International Journal of Epidemiology</i> , 2017 , 46, 1384-1385j	7.8	98
327	Survey of physical ergonomics issues associated with school childrens use of laptop computers. <i>International Journal of Industrial Ergonomics</i> , 2000 , 26, 337-346	2.9	97
326	Participatory workplace interventions can reduce sedentary time for office workers--a randomised controlled trial. <i>PLoS ONE</i> , 2013 , 8, e78957	3.7	88
325	Sit-stand desks in call centres: associations of use and ergonomics awareness with sedentary behavior. <i>Applied Ergonomics</i> , 2013 , 44, 517-22	4.2	86
324	Validity of work-related assessments. <i>Work</i> , 1999 , 13, 125-152	1.6	84
323	Regional differences in lumbar spinal posture and the influence of low back pain. <i>BMC Musculoskeletal Disorders</i> , 2008 , 9, 152	2.8	83
322	Low back pain characteristics from undergraduate student to working nurse in Australia: a cross-sectional survey. <i>International Journal of Nursing Studies</i> , 2008 , 45, 1636-44	5.8	82
321	Assessing sleep using hip and wrist actigraphy. <i>Sleep and Biological Rhythms</i> , 2015 , 13, 172-180	1.3	78
320	Reliability of work-related assessments. <i>Work</i> , 1999 , 13, 107-124	1.6	73
319	Low back pain in 17 year olds has substantial impact and represents an important public health disorder: a cross-sectional study. <i>BMC Public Health</i> , 2012 , 12, 100	4.1	72
318	Principles for the wise use of computers by children. <i>Ergonomics</i> , 2009 , 52, 1386-401	2.9	67
317	Evidence to support using squat, semi-squat and stoop techniques to lift low-lying objects. <i>International Journal of Industrial Ergonomics</i> , 2003 , 31, 149-160	2.9	66
316	Lumbopelvic kinematics and trunk muscle activity during sitting on stable and unstable surfaces. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2006 , 36, 19-25	4.2	65
315	An evaluation of visual display unit placement by electromyography, posture, discomfort and preference. <i>International Journal of Industrial Ergonomics</i> , 2000 , 26, 389-398	2.9	65
314	Biopsychosocial factors are associated with low back pain in female nursing students: a cross-sectional study. <i>International Journal of Nursing Studies</i> , 2009 , 46, 678-88	5.8	62

313	Prevalence and associated factors for thoracic spine pain in the adult working population: a literature review. <i>Journal of Occupational Health</i> , 2009 , 51, 177-92	2.3	62
312	Associations of prolonged standing with musculoskeletal symptoms-A systematic review of laboratory studies. <i>Gait and Posture</i> , 2017 , 58, 310-318	2.6	61
311	Evaluating the effectiveness of organisational-level strategies with or without an activity tracker to reduce office workers' sitting time: a cluster-randomised trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 115	8.4	61
310	Associations of occupational standing with musculoskeletal symptoms: a systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , 2018 , 52, 176-183	10.3	59
309	Sitting postures and trunk muscle activity in adolescents with and without nonspecific chronic low back pain: an analysis based on subclassification. <i>Spine</i> , 2010 , 35, 1387-95	3.3	59
308	EMG median frequency changes in the neck-shoulder stabilizers of symptomatic office workers when challenged by different physical stressors. <i>Journal of Electromyography and Kinesiology</i> , 2005 , 15, 544-55	2.5	59
307	Cervical erector spinae and upper trapezius muscle activity in children using different information technologies. <i>Physiotherapy</i> , 2005 , 91, 119-126	3	56
306	Trajectories of childhood body mass index are associated with adolescent sagittal standing posture. <i>Pediatric Obesity</i> , 2011 , 6, e97-106		55
305	Effect of screen-based media on energy expenditure and heart rate in 9- to 12-year-old children. <i>Pediatric Exercise Science</i> , 2007 , 19, 459-71	2	55
304	Organized Sport Trajectories from Childhood to Adolescence and Health Associations. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1331-9	1.2	54
303	Individuals with chronic low back pain have greater difficulty in engaging in positive lifestyle behaviours than those without back pain: an assessment of health literacy. <i>BMC Musculoskeletal Disorders</i> , 2011 , 12, 161	2.8	53
302	The use of a mechanism-based classification system to evaluate and direct management of a patient with non-specific chronic low back pain and motor control impairment--a case report. <i>Manual Therapy</i> , 2007 , 12, 181-91		53
301	Upper quadrant postural changes of school children in response to interaction with different information technologies. <i>Ergonomics</i> , 2004 , 47, 790-819	2.9	52
300	Reliability of sagittal photographic spinal posture assessment in adolescents. <i>Advances in Physiotherapy</i> , 2008 , 10, 66-75		51
299	The associations of mobile touch screen device use with musculoskeletal symptoms and exposures: A systematic review. <i>PLoS ONE</i> , 2017 , 12, e0181220	3.7	51
298	Relationships between prolonged neck/shoulder pain and sitting spinal posture in male and female adolescents. <i>Manual Therapy</i> , 2009 , 14, 321-9		50
297	Conflicting Guidelines on Young Children's Screen Time and Use of Digital Technology Create Policy and Practice Dilemmas. <i>Journal of Pediatrics</i> , 2018 , 202, 300-303	3.6	48
296	The impact of computer display height and desk design on 3D posture during information technology work by young adults. <i>Journal of Electromyography and Kinesiology</i> , 2008 , 18, 336-49	2.5	48

295	Physical and psychosocial aspects of the learning environment in information technology rich classrooms. <i>Ergonomics</i> , 2001 , 44, 838-57	2.9	48
294	A research framework for the development and implementation of interventions preventing work-related musculoskeletal disorders. <i>Scandinavian Journal of Work, Environment and Health</i> , 2017 , 43, 526-539	4.3	48
293	Evidence-based guidelines for the wise use of computers by children: physical development guidelines. <i>Ergonomics</i> , 2010 , 53, 458-77	2.9	46
292	Effect of visual display height on modelled upper and lower cervical gravitational moment, muscle capacity and relative strain. <i>Ergonomics</i> , 2009 , 52, 204-21	2.9	46
291	Identification of modifiable personal factors that predict new-onset low back pain: a prospective study of female nursing students. <i>Clinical Journal of Pain</i> , 2010 , 26, 275-83	3.5	46
290	Barriers and enablers for participation in healthy lifestyle programs by adolescents who are overweight: a qualitative study of the opinions of adolescents, their parents and community stakeholders. <i>BMC Pediatrics</i> , 2014 , 14, 53	2.6	45
289	Disabling chronic low back pain as an iatrogenic disorder: a qualitative study in Aboriginal Australians. <i>BMJ Open</i> , 2013 , 3,	3	45
288	The impact of computer display height and desk design on muscle activity during information technology work by young adults. <i>Journal of Electromyography and Kinesiology</i> , 2008 , 18, 606-17	2.5	45
287	The Short Term Musculoskeletal and Cognitive Effects of Prolonged Sitting During Office Computer Work. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	44
286	A socioeconomic related 'digital divide' exists in how, not if, young people use computers. <i>PLoS ONE</i> , 2017 , 12, e0175011	3.7	44
285	Trajectories of Low Back Pain From Adolescence to Young Adulthood. <i>Arthritis Care and Research</i> , 2017 , 69, 403-412	4.7	42
284	Patterning of children's sedentary time at and away from school. <i>Obesity</i> , 2013 , 21, E131-3	8	42
283	Association of biopsychosocial factors with degree of slump in sitting posture and self-report of back pain in adolescents: a cross-sectional study. <i>Physical Therapy</i> , 2011 , 91, 470-83	3.3	42
282	Patient handling with and without slings: an analysis of the risk of injury to the lumbar spine. <i>Applied Ergonomics</i> , 2000 , 31, 185-200	4.2	42
281	Adolescents just do not know what they want: a qualitative study to describe obese adolescents' experiences of text messaging to support behavior change maintenance post intervention. <i>Journal of Medical Internet Research</i> , 2014 , 16, e103	7.6	42
280	The effect of shoulder posture on performance, discomfort and muscle fatigue whilst working on a visual display unit. <i>International Journal of Industrial Ergonomics</i> , 1997 , 20, 1-10	2.9	41
279	Changing physical activity and sedentary behaviour in people with COPD. <i>Respirology</i> , 2016 , 21, 419-26	3.6	41
278	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957	17.4	40

277	Poor overall quality of clinical practice guidelines for musculoskeletal pain: a systematic review. <i>British Journal of Sports Medicine</i> , 2018 , 52, 337-343	10.3	38
276	Back and neck pain are related to mental health problems in adolescence. <i>BMC Public Health</i> , 2011 , 11, 382	4.1	38
275	Perceived school bag load, duration of carriage, and method of transport to school are associated with spinal pain in adolescents: an observational study. <i>Australian Journal of Physiotherapy</i> , 2008 , 54, 193-200		38
274	Inter-tester reliability of scapular position in junior elite swimmers. <i>Physical Therapy in Sport</i> , 2004 , 5, 146-155	3	38
273	A randomized and controlled trial of a participative ergonomics intervention to reduce injuries associated with manual tasks: physical risk and legislative compliance. <i>Ergonomics</i> , 2004 , 47, 166-88	2.9	38
272	Objectively measured patterns of sedentary time and physical activity in young adults of the Raine study cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 41	8.4	37
271	Low back pain and comorbidity clusters at 17 years of age: a cross-sectional examination of health-related quality of life and specific low back pain impacts. <i>Journal of Adolescent Health</i> , 2012 , 50, 509-16	5.8	37
270	A case study of the use of ergonomics information in a heavy engineering design process. <i>International Journal of Industrial Ergonomics</i> , 2000 , 26, 425-435	2.9	37
269	Reliability of pressure pain threshold testing in healthy pain free young adults. <i>Scandinavian Journal of Pain</i> , 2015 , 9, 38-41	1.9	36
268	Neck-shoulder muscle activity in general and task-specific resting postures of symptomatic computer users with chronic neck pain. <i>Manual Therapy</i> , 2009 , 14, 338-45		36
267	Examining the low, high and range measures of muscle activity amplitudes in symptomatic and asymptomatic computer users performing typing and mousing tasks. <i>European Journal of Applied Physiology</i> , 2009 , 106, 243-51	3.4	36
266	A detailed characterisation of pain, disability, physical and psychological features of a small group of adolescents with non-specific chronic low back pain. <i>Manual Therapy</i> , 2010 , 15, 240-7		36
265	Mouse versus keyboard use: A comparison of shoulder muscle load. <i>International Journal of Industrial Ergonomics</i> , 1998 , 22, 351-357	2.9	36
264	Gender differences in the relationships between lean body mass, fat mass and peak bone mass in young adults. <i>Osteoporosis International</i> , 2014 , 25, 1563-70	5.3	35
263	Lumbar loading in the elite adolescent tennis serve: link to low back pain. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1562-8	1.2	35
262	Trajectories of Television Watching from Childhood to Early Adulthood and Their Association with Body Composition and Mental Health Outcomes in Young Adults. <i>PLoS ONE</i> , 2016 , 11, e0152879	3.7	35
261	Promoting health and physical capacity during productive work: the Goldilocks Principle. <i>Scandinavian Journal of Work, Environment and Health</i> , 2019 , 45, 90-97	4.3	35
260	Rationale, design and methods for the 22 year follow-up of the Western Australian Pregnancy Cohort (Raine) Study. <i>BMC Public Health</i> , 2015 , 15, 663	4.1	33

259	A detailed description of the short-term musculoskeletal and cognitive effects of prolonged standing for office computer work. <i>Ergonomics</i> , 2018 , 61, 877-890	2.9	33
258	Occupational sitting: practitioner perceptions of health risks, intervention strategies and influences. <i>Health Promotion Journal of Australia</i> , 2012 , 23, 208-12	1.7	33
257	Computer use and habitual spinal posture in Australian adolescents. <i>Public Health Reports</i> , 2007 , 122, 634-43	2.5	33
256	The association between information and communication technology exposure and physical activity, musculoskeletal and visual symptoms and socio-economic status in 5-year-olds. <i>Child: Care, Health and Development</i> , 2006 , 32, 343-51	2.8	33
255	Neck Posture Clusters and Their Association With Biopsychosocial Factors and Neck Pain in Australian Adolescents. <i>Physical Therapy</i> , 2016 , 96, 1576-1587	3.3	33
254	Neck/shoulder pain, habitual spinal posture and computer use in adolescents: the importance of gender. <i>Ergonomics</i> , 2011 , 54, 539-546	2.9	32
253	Optimizing the interaction of children with information and communication technologies. <i>Ergonomics</i> , 2005 , 48, 506-21	2.9	32
252	Rationale, design and methods for a community-based study of clustering and cumulative effects of chronic disease processes and their effects on ageing: the Busselton healthy ageing study. <i>BMC Public Health</i> , 2013 , 13, 936	4.1	31
251	Carer experience of back pain is associated with adolescent back pain experience even when controlling for other carer and family factors. <i>Clinical Journal of Pain</i> , 2008 , 24, 226-31	3.5	31
250	Implementation of the Participative Ergonomics for Manual tasks (PErforM) programme at four Australian underground coal mines. <i>International Journal of Industrial Ergonomics</i> , 2007 , 37, 145-155	2.9	31
249	Rates of attrition, non-compliance and missingness in randomized controlled trials of child physical activity interventions using accelerometers: A brief methodological review. <i>Journal of Science and Medicine in Sport</i> , 2016 , 19, 830-6	4.4	31
248	Understanding Adolescent Low Back Pain From a Multidimensional Perspective: Implications for Management. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2017 , 47, 741-751	4.2	30
247	Evidence-based guidelines for wise use of electronic games by children. <i>Ergonomics</i> , 2014 , 57, 471-89	2.9	30
246	Rationale, design and methods for a randomised and controlled trial of the impact of virtual reality games on motor competence, physical activity, and mental health in children with developmental coordination disorder. <i>BMC Public Health</i> , 2011 , 11, 654	4.1	30
245	The relationship between back muscle endurance and physical, lifestyle, and psychological factors in adolescents. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2010 , 40, 517-23	4.2	30
244	Validity of an automated algorithm to identify waking and in-bed wear time in hip-worn accelerometer data collected with a 24 h wear protocol in young adults. <i>Physiological Measurement</i> , 2016 , 37, 1636-1652	2.9	30
243	Sitting spinal posture in adolescents differs between genders, but is not clearly related to neck/shoulder pain: an observational study. <i>Australian Journal of Physiotherapy</i> , 2008 , 54, 127-33		29
242	Children's posture and muscle activity at different computer display heights and during paper information technology use. <i>Human Factors</i> , 2008 , 50, 49-61	3.8	29

241	A review of research on techniques for lifting low-lying objects: 2. Evidence for a correct technique. <i>Work</i> , 2003 , 20, 83-96	1.6	29
240	A crossover randomised and controlled trial of the impact of active video games on motor coordination and perceptions of physical ability in children at risk of Developmental Coordination Disorder. <i>Human Movement Science</i> , 2015 , 42, 146-60	2.4	28
239	Playing-related Musculoskeletal Problems in Children Learning Instrumental Music: The Association Between Problem Location and Gender, Age, and Music Exposure Factors. <i>Medical Problems of Performing Artists</i> , 2011 , 26, 123-139	0.6	28
238	The impact of workplace ergonomics and neck-specific exercise versus ergonomics and health promotion interventions on office worker productivity: A cluster-randomized trial. <i>Scandinavian Journal of Work, Environment and Health</i> , 2019 , 45, 42-52	4.3	28
237	The effect of individually adjusted workstations on upper quadrant posture and muscle activity in school children. <i>Work</i> , 2002 , 18, 239-48	1.6	28
236	Does the Animal Fun program improve social-emotional and behavioural outcomes in children aged 4-6 years?. <i>Human Movement Science</i> , 2015 , 43, 155-63	2.4	27
235	Results from Australia's 2014 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2014 , 11 Suppl 1, S21-5	2.5	27
234	Theoretical underpinnings of a need-supportive intervention to address sustained healthy lifestyle changes in overweight and obese adolescents. <i>Psychology of Sport and Exercise</i> , 2013 , 14, 819-829	4.2	27
233	A low cortisol response to stress is associated with musculoskeletal pain combined with increased pain sensitivity in young adults: a longitudinal cohort study. <i>Arthritis Research and Therapy</i> , 2015 , 17, 355	5.7	27
232	The influence of desk and display design on posture and muscle activity variability whilst performing information technology tasks. <i>Applied Ergonomics</i> , 2009 , 40, 852-9	4.2	27
231	The effects of speed and force of keyboard operation on neck/shoulder muscle activities in symptomatic and asymptomatic office workers. <i>International Journal of Industrial Ergonomics</i> , 2005 , 35, 429-444	2.9	27
230	Workplace assessments and functional capacity evaluations: current practices of therapists in Australia. <i>Work</i> , 2002 , 18, 51-66	1.6	27
229	Capturing the pattern of physical activity and sedentary behavior: exposure variation analysis of accelerometer data. <i>Journal of Physical Activity and Health</i> , 2014 , 11, 614-25	2.5	26
228	Examining pacing profiles in elite female road cyclists using exposure variation analysis. <i>British Journal of Sports Medicine</i> , 2010 , 44, 437-42	10.3	26
227	"From the moment I wake up I will use it every day, very hour": a qualitative study on the patterns of adolescents' mobile touch screen device use from adolescent and parent perspectives. <i>BMC Pediatrics</i> , 2019 , 19, 30	2.6	25
226	Texting with touchscreen and keypad phones - A comparison of thumb kinematics, upper limb muscle activity, exertion, discomfort, and performance. <i>Applied Ergonomics</i> , 2018 , 70, 232-239	4.2	25
225	Identification of the human factors contributing to maintenance failures in a petroleum operation. <i>Human Factors</i> , 2014 , 56, 306-21	3.8	25
224	Does the Animal Fun program improve motor performance in children aged 4-6 years?. <i>Human Movement Science</i> , 2013 , 32, 1086-96	2.4	25

223	Organizational-Level Strategies With or Without an Activity Tracker to Reduce Office Workers' Sitting Time: Rationale and Study Design of a Pilot Cluster-Randomized Trial. <i>JMIR Research Protocols</i> , 2016 , 5, e73	2	25
222	Young Children and Digital Technology: Australian Early Childhood Education and Care Sector Adults' Perspectives. <i>Australasian Journal of Early Childhood</i> , 2018 , 43, 14-22	1	25
221	Excessive occupational sitting is not a "safe system of work": time for doctors to get chatting with patients. <i>Medical Journal of Australia</i> , 2014 , 201, 138-40	4	24
220	Genetic variation in the beta-2 adrenergic receptor is associated with chronic musculoskeletal complaints in adolescents. <i>European Journal of Pain</i> , 2012 , 16, 1232-42	3.7	24
219	Back pain beliefs are related to the impact of low back pain in 17-year-olds. <i>Physical Therapy</i> , 2012 , 92, 1258-67	3.3	24
218	A qualitative review of existing national and international occupational safety and health policies relating to occupational sedentary behaviour. <i>Applied Ergonomics</i> , 2017 , 60, 320-333	4.2	23
217	Laboratory and home comparison of wrist-activity monitors and polysomnography in middle-aged adults. <i>Sleep and Biological Rhythms</i> , 2018 , 16, 85-97	1.3	23
216	Pressure and cold pain threshold reference values in a large, young adult, pain-free population. <i>Scandinavian Journal of Pain</i> , 2016 , 13, 114-122	1.9	23
215	Screen-based media use clusters are related to other activity behaviours and health indicators in adolescents. <i>BMC Public Health</i> , 2013 , 13, 1174	4.1	23
214	A comparison of posture and muscle activity means and variation amongst young children, older children and young adults whilst working with computers. <i>Work</i> , 2009 , 32, 311-20	1.6	23
213	To Flex or Not to Flex? Is There a Relationship Between Lumbar Spine Flexion During Lifting and Low Back Pain? A Systematic Review With Meta-analysis. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2020 , 50, 121-130	4.2	23
212	Results from Australia's 2018 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2018 , 15, S315-S317	2.5	23
211	Longitudinal Trajectories of Television Watching Across Childhood and Adolescence Predict Bone Mass at Age 20 Years in the Raine Study. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 2032-2040	6.3	22
210	Musculoskeletal pain is associated with restless legs syndrome in young adults. <i>BMC Musculoskeletal Disorders</i> , 2015 , 16, 294	2.8	22
209	Head, trunk and arm posture amplitude and variation, muscle activity, sedentariness and physical activity of 3 to 5 year-old children during tablet computer use compared to television watching and toy play. <i>Applied Ergonomics</i> , 2017 , 65, 41-50	4.2	21
208	Low Back Pain With Impact at 17 Years of Age Is Predicted by Early Adolescent Risk Factors From Multiple Domains: Analysis of the Western Australian Pregnancy Cohort (Raine) Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2017 , 47, 752-762	4.2	21
207	Project Energise: Using participatory approaches and real time computer prompts to reduce occupational sitting and increase work time physical activity in office workers. <i>Journal of Science and Medicine in Sport</i> , 2016 , 19, 926-930	4.4	21
206	The Raine study had no evidence of significant perinatal selection bias after two decades of follow up: a longitudinal pregnancy cohort study. <i>BMC Pregnancy and Childbirth</i> , 2017 , 17, 207	3.2	21

205	Identification of a dietary pattern prospectively associated with bone mass in Australian young adults. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1035-43	7	20
204	Results From Australia's 2016 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2016 , 13, S87-S94	2.5	20
203	Patterns of physical activity and sedentary behavior after bariatric surgery: an observational study. <i>Surgery for Obesity and Related Diseases</i> , 2014 , 10, 524-30	3	20
202	Back pain in tennis players: a link with lumbar serve kinematics and range of motion. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 351-7	1.2	20
201	In vivo laboratory validation of the physiometer: a measurement system for long-term recording of posture and movements in the workplace. <i>Ergonomics</i> , 2010 , 53, 672-84	2.9	20
200	A comparison of risk assessment of single and combination manual handling tasks: 3. Biomechanical measures. <i>Ergonomics</i> , 1997 , 40, 708-728	2.9	20
199	Online student evaluation improves Course Experience Questionnaire results in a physiotherapy program. <i>Higher Education Research and Development</i> , 2008 , 27, 281-296	1.9	20
198	Musculo-skeletal outcomes in children using information technology—the need for a specific etiological model. <i>International Journal of Industrial Ergonomics</i> , 2005 , 35, 131-138	2.9	20
197	A comparison of risk assessment of single and combination manual handling tasks: 1. maximum acceptable weight measures. <i>Ergonomics</i> , 1996 , 39, 128-40	2.9	20
196	Mobile touch screen device use and associations with musculoskeletal symptoms and visual health in a nationally representative sample of Singaporean adolescents. <i>Ergonomics</i> , 2019 , 62, 778-793	2.9	20
195	Children with developmental coordination disorder play active virtual reality games differently than children with typical development. <i>Physical Therapy</i> , 2015 , 95, 360-8	3.3	19
194	Greater lower limb flexion in gymnastic landings is associated with reduced landing force: a repeated measures study. <i>Sports Biomechanics</i> , 2015 , 14, 45-56	2.2	19
193	Children have less variable postures and muscle activities when using new electronic information technology compared with old paper-based information technology. <i>Journal of Electromyography and Kinesiology</i> , 2009 , 19, e132-43	2.5	19
192	Symptoms of impairment, disability and handicap in low back pain: a taxonomy. <i>Pain</i> , 1992 , 50, 189-195	8	19
191	Prevalence of Playing-related Musculoskeletal Symptoms and Disorders in Children Learning Instrumental Music. <i>Medical Problems of Performing Artists</i> , 2008 , 23, 178-185	0.6	19
190	Workplace interventions for increasing standing or walking for decreasing musculoskeletal symptoms in sedentary workers. <i>The Cochrane Library</i> , 2019 , 2019,	5.2	19
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