

Leon M Straker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6121599/publications.pdf>

Version: 2024-02-01

368
papers

14,202
citations

23544

58
h-index

38368

95
g-index

382
all docs

382
docs citations

382
times ranked

12033
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.1	486
2	The physical activity paradox: six reasons why occupational physical activity (OPA) does not confer the cardiovascular health benefits that leisure time physical activity does. <i>British Journal of Sports Medicine</i> , 2018, 52, 149-150.	3.1	349
3	The contribution of office work to sedentary behaviour associated risk. <i>BMC Public Health</i> , 2013, 13, 296.	1.2	337
4	A field comparison of neck and shoulder postures in symptomatic and asymptomatic office workers. <i>Applied Ergonomics</i> , 2002, 33, 75-84.	1.7	330
5	Differences in Sitting Postures are Associated With Nonspecific Chronic Low Back Pain Disorders When Patients Are Subclassified. <i>Spine</i> , 2006, 31, 698-704.	1.0	274
6	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, 333-342.	0.7	258
7	Reducing occupational sedentary time: a systematic review and meta-analysis of evidence on activity-permissive workstations. <i>Obesity Reviews</i> , 2014, 15, 822-838.	3.1	254
8	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.	3.1	221
9	Altered Patterns of Superficial Trunk Muscle Activation During Sitting in Nonspecific Chronic Low Back Pain Patients. <i>Spine</i> , 2006, 31, 2017-2023.	1.0	194
10	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, 270-280.	1.6	193
11	A comparison of symptomatic and asymptomatic office workers performing monotonous keyboard work"2: Neck and shoulder kinematics. <i>Manual Therapy</i> , 2005, 10, 281-291.	1.6	175
12	Increased physical work loads in modern work " a necessity for better health and performance?. <i>Ergonomics</i> , 2009, 52, 1215-1225.	1.1	162
13	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, 655-663.	1.3	160
14	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, 2101-2107.	1.0	156
15	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.	1.6	152
16	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.	0.8	146
17	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. <i>Spine</i> , 2009, 34, 1610-1618.	1.0	141
18	Cohort Profile: The Western Australian Pregnancy Cohort (Raine) Study"Generation 2. <i>International Journal of Epidemiology</i> , 2017, 46, dyw308.	0.9	136

#	ARTICLE	IF	CITATIONS
19	A comparison of posture and muscle activity during tablet computer, desktop computer and paper use by young children. <i>Ergonomics</i> , 2008, 51, 540-555.	1.1	134
20	A comparison of the postures assumed when using laptop computers and desktop computers. <i>Applied Ergonomics</i> , 1997, 28, 263-268.	1.7	133
21	Survey of physical ergonomics issues associated with school childrensâ€™ use of laptop computers. <i>International Journal of Industrial Ergonomics</i> , 2000, 26, 337-346.	1.5	133
22	The Effects of Walking and Cycling Computer Workstations on Keyboard and Mouse Performance. <i>Human Factors</i> , 2009, 51, 831-844.	2.1	126
23	Health literacy and beliefs among a community cohort with and without chronic low back pain. <i>Pain</i> , 2010, 150, 275-283.	2.0	125
24	Participatory Workplace Interventions Can Reduce Sedentary Time for Office Workersâ€™ A Randomised Controlled Trial. <i>PLoS ONE</i> , 2013, 8, e78957.	1.1	114
25	Assessing sleep using hip and wrist actigraphy. <i>Sleep and Biological Rhythms</i> , 2015, 13, 172-180.	0.5	112
26	Regional differences in lumbar spinal posture and the influence of low back pain. <i>BMC Musculoskeletal Disorders</i> , 2008, 9, 152.	0.8	105
27	Sitâ€™stand desks in call centres: Associations of use and ergonomics awareness with sedentary behavior. <i>Applied Ergonomics</i> , 2013, 44, 517-522.	1.7	96
28	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, 1636-1644.	2.5	95
29	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.	1.2	92
30	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.	0.9	91
31	Validity of work-related assessments. <i>Work</i> , 1999, 13, 125-152.	0.6	91
32	Associations of prolonged standing with musculoskeletal symptomsâ€™ A systematic review of laboratory studies. <i>Gait and Posture</i> , 2017, 58, 310-318.	0.6	89
33	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, 1678.	1.2	89
34	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.	1.5	85
35	An evaluation of visual display unit placement by electromyography, posture, discomfort and preference. <i>International Journal of Industrial Ergonomics</i> , 2000, 26, 389-398.	1.5	84
36	Evaluating the effectiveness of organisational-level strategies with or without an activity tracker to reduce office workersâ€™ sitting time: a cluster-randomised trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016, 13, 115.	2.0	84

#	ARTICLE	IF	CITATIONS
37	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	5.8	84
38	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.	1.7	83
39	Associations of occupational standing with musculoskeletal symptoms: a systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , 2018, 52, 176-183.	3.1	83
40	The associations of mobile touch screen device use with musculoskeletal symptoms and exposures: A systematic review. <i>PLoS ONE</i> , 2017, 12, e0181220.	1.1	79
41	Principles for the wise use of computers by children. <i>Ergonomics</i> , 2009, 52, 1386-1401.	1.1	78
42	Reliability of work-related assessments. <i>Work</i> , 1999, 13, 107-124.	0.6	78
43	Prevalence and Associated Factors for Thoracic Spine Pain in the Adult Working Population: A Literature Review. <i>Journal of Occupational Health</i> , 2009, 51, 177-192.	1.0	77
44	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, 678-688.	2.5	75
45	Cervical erector spinae and upper trapezius muscle activity in children using different information technologies. <i>Physiotherapy</i> , 2005, 91, 119-126.	0.2	74
46	Disabling chronic low back pain as an iatrogenic disorder: a qualitative study in Aboriginal Australians. <i>BMJ Open</i> , 2013, 3, e002654.	0.8	74
47	Organized Sport Trajectories from Childhood to Adolescence and Health Associations. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1331-1339.	0.2	74
48	A socioeconomic related 'digital divide' exists in how, not if, young people use computers. <i>PLoS ONE</i> , 2017, 12, e0175011.	1.1	74
49	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, 544-555.	0.7	70
50	Sitting Postures and Trunk Muscle Activity in Adolescents With and Without Nonspecific Chronic Low Back Pain. <i>Spine</i> , 2010, 35, 1387-1395.	1.0	69
51	Relationships between prolonged neck/shoulder pain and sitting spinal posture in male and female adolescents. <i>Manual Therapy</i> , 2009, 14, 321-329.	1.6	68
52	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.	0.8	65
53	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.	1.7	65
54	Upper quadrant postural changes of school children in response to interaction with different information technologies. <i>Ergonomics</i> , 2004, 47, 790-819.	1.1	63

#	ARTICLE	IF	CITATIONS
55	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, 336-349.	0.7	63
56	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 impairmentâ€”A case report. <i>Manual Therapy</i> , 2007, 12, 181-191.	1.6	62
57	Trajectories of childhood body mass index are associated with adolescent sagittal standing posture. <i>Pediatric Obesity</i> , 2011, 6, e97-e106.	3.2	62
58	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, 459-471.	0.5	61
59	Reliability of sagittal photographic spinal posture assessment in adolescents. <i>Advances in Physiotherapy</i> , 2008, 10, 66-75.	0.2	61
60	Trajectories of Low Back Pain From Adolescence to Young Adulthood. <i>Arthritis Care and Research</i> , 2017, 69, 403-412.	1.5	60
61	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, 606-617.	0.7	58
62	Evidence-based guidelines for the wise use of computers by children: Physical development guidelines. <i>Ergonomics</i> , 2010, 53, 458-477.	1.1	58
63	Physical and psychosocial aspects of the learning environment in information technology rich classrooms. <i>Ergonomics</i> , 2001, 44, 838-857.	1.1	56
64	Effect of visual display height on modelled upper and lower cervical gravitational moment, muscle capacity and relative strain. <i>Ergonomics</i> , 2009, 52, 204-221.	1.1	56
65	Patterning of children's sedentary time at and away from school. <i>Obesity</i> , 2013, 21, E131-3.	1.5	56
66	Reliability of pressure pain threshold testing in healthy pain free young adults. <i>Scandinavian Journal of Pain</i> , 2015, 9, 38-41.	0.5	56
67	Poor overall quality of clinical practice guidelines for musculoskeletal pain: a systematic review. <i>British Journal of Sports Medicine</i> , 2018, 52, 337-343.	3.1	56
68	Adolescents Just Do Not Know What They Want: A Qualitative Study to Describe Obese Adolescentsâ€™ Experiences of Text Messaging to Support Behavior Change Maintenance Post Intervention. <i>Journal of Medical Internet Research</i> , 2014, 16, e103.	2.1	56
69	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, 275-283.	0.8	55
70	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.	0.7	55
71	Back and neck pain are related to mental health problems in adolescence. <i>BMC Public Health</i> , 2011, 11, 382.	1.2	54
72	Neck Posture Clusters and Their Association With Biopsychosocial Factors and Neck Pain in Australian Adolescents. <i>Physical Therapy</i> , 2016, 96, 1576-1587.	1.1	54

#	ARTICLE	IF	CITATIONS
73	Changing physical activity and sedentary behaviour in people with <scp>COPD</scp>. <i>Respirology</i> , 2016, 21, 419-426.	1.3	54
74	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.	0.9	53
75	Promoting health and physical capacity during productive work: the Goldilocks Principle. <i>Scandinavian Journal of Work, Environment and Health</i> , 2019, 45, 90-97.	1.7	53
76	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.	1.7	52
77	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, 470-483.	1.1	51
78	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.	1.5	50
79	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.	1.7	50
80	Neck/shoulder pain, habitual spinal posture and computer use in adolescents: the importance of gender. <i>Ergonomics</i> , 2011, 54, 539-546.	1.1	49
81	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.	2.0	49
82	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.	1.7	49
83	Computer Use and Habitual Spinal Posture in Australian Adolescents. <i>Public Health Reports</i> , 2007, 122, 634-643.	1.3	48
84	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, 338-345.	1.6	48
85	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.	1.2	48
86	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, 830-836.	0.6	48
87	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.	1.7	48
88	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, 166-188.	1.1	47
89	Optimizing the interaction of children with information and communication technologies. <i>Ergonomics</i> , 2005, 48, 506-521.	1.1	47
90	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, 243-251.	1.2	47

#	ARTICLE	IF	CITATIONS
91	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.	1.2	47
92	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, 509-516.	1.2	47
93	Gender differences in the relationships between lean body mass, fat mass and peak bone mass in young adults. <i>Osteoporosis International</i> , 2014, 25, 1563-1570.	1.3	47
94	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.	1.1	47
95	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.	0.2	47
96	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.	1.1	46
97	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.	1.2	45
98	Mouse versus keyboard use: A comparison of shoulder muscle load. <i>International Journal of Industrial Ergonomics</i> , 1998, 22, 351-357.	1.5	44
99	Young Children and Digital Technology: Australian Early Childhood Education and Care Sector Adultsâ€™ Perspectives. <i>Australasian Journal of Early Childhood</i> , 2018, 43, 14-22.	0.8	44
100	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.	1.5	43
101	Inter-tester reliability of scapular position in junior elite swimmers. <i>Physical Therapy in Sport</i> , 2004, 5, 146-155.	0.8	42
102	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.	1.5	42
103	Lumbar Loading in the Elite Adolescent Tennis Serve. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1562-1568.	0.2	42
104	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, 343-351.	0.8	41
105	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, 240-247.	1.6	41
106	Does the Animal Fun program improve motor performance in children aged 4â€“6years?. <i>Human Movement Science</i> , 2013, 32, 1086-1096.	0.6	41
107	Validity of an automated algorithm to identify waking and in-bed wear time in hip-worn accelerometer data collected with a 24h wear protocol in young adults. <i>Physiological Measurement</i> , 2016, 37, 1636-1652.	1.2	41
108	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.	1.1	41

#	ARTICLE	IF	CITATIONS
109	Laboratory and home comparison of wrist-activity monitors and polysomnography in middle-aged adults. <i>Sleep and Biological Rhythms</i> , 2018, 16, 85-97.	0.5	41
110	The "Goldilocks Principle"™: designing physical activity at work to be "just right"™ for promoting health. <i>British Journal of Sports Medicine</i> , 2018, 52, 818-819.	3.1	40
111	Patient-centred care: the cornerstone for high-value musculoskeletal pain management. <i>British Journal of Sports Medicine</i> , 2020, 54, 1240-1242.	3.1	40
112	Physical activity at work may not be health enhancing. A systematic review with meta-analysis on the association between occupational physical activity and cardiovascular disease mortality covering 23 studies with 655 892 participants. <i>Scandinavian Journal of Work, Environment and Health</i> , 2022, 48, 86-98.	1.7	40
113	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.	2.1	39
114	Thigh-worn accelerometry for measuring movement and posture across the 24-hour cycle: a scoping review and expert statement. <i>BMJ Open Sport and Exercise Medicine</i> , 2020, 6, e000874.	1.4	39
115	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, 226-231.	0.8	38
116	Evidence-based guidelines for wise use of electronic games by children. <i>Ergonomics</i> , 2014, 57, 471-489.	1.1	38
117	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.	1.7	38
118	Occupational sitting: practitioner perceptions of health risks, intervention strategies and influences. <i>Health Promotion Journal of Australia</i> , 2012, 23, 208-212.	0.6	37
119	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.	0.5	37
120	Towards a better understanding of the "physical activity paradox"™: the need for a research agenda. <i>British Journal of Sports Medicine</i> , 2020, 54, 1055-1057.	3.1	37
121	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.	1.6	36
122	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.	1.0	36
123	"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.	0.7	36
124	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, 127-133.	0.9	35
125	Back Pain Beliefs Are Related to the Impact of Low Back Pain in 17-Year-Olds. <i>Physical Therapy</i> , 2012, 92, 1258-1267.	1.1	35
126	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.	0.6	35

#	ARTICLE	IF	CITATIONS
127	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.	0.9	35
128	A review of research on techniques for lifting low-lying objects: 2. Evidence for a correct technique. <i>Work</i> , 2003, 20, 83-96.	0.6	35
129	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, 517-523.	1.7	34
130	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.	1.1	34
131	Results from Australia's 2014 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2014, 11, S21-S25.	1.0	34
132	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.	1.7	34
133	Workplace interventions for increasing standing or walking for decreasing musculoskeletal symptoms in sedentary workers. <i>The Cochrane Library</i> , 2019, 2019, .	1.5	34
134	The effects of speed and force of keyboard operation on neck and shoulder muscle activities in symptomatic and asymptomatic office workers. <i>International Journal of Industrial Ergonomics</i> , 2005, 35, 429-444.	1.5	33
135	Screen-based media use clusters are related to other activity behaviours and health indicators in adolescents. <i>BMC Public Health</i> , 2013, 13, 1174.	1.2	33
136	Identification of the Human Factors Contributing to Maintenance Failures in a Petroleum Operation. <i>Human Factors</i> , 2014, 56, 306-321.	2.1	33
137	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.	1.7	33
138	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.	1.7	33
139	Associations between meeting sleep, physical activity or screen time behaviour guidelines and academic performance in Australian school children. <i>BMC Public Health</i> , 2020, 20, 520.	1.2	33
140	Genetic variation in the beta-2 adrenergic receptor is associated with chronic musculoskeletal complaints in adolescents. <i>European Journal of Pain</i> , 2012, 16, 1232-1242.	1.4	32
141	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, 146-160.	0.6	32
142	Mobile technology dominates school children's IT use in an advantaged school community and is associated with musculoskeletal and visual symptoms. <i>Ergonomics</i> , 2018, 61, 658-669.	1.1	32
143	The influence of desk and display design on posture and muscle activity variability whilst performing information technology tasks. <i>Applied Ergonomics</i> , 2009, 40, 852-859.	1.7	31
144	Examining pacing profiles in elite female road cyclists using exposure variation analysis. <i>British Journal of Sports Medicine</i> , 2010, 44, 437-442.	3.1	31

#	ARTICLE	IF	CITATIONS
145	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, 614-625.	1.0	31
146	Musculoskeletal pain is associated with restless legs syndrome in young adults. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 294.	0.8	31
147	Does the Animal Fun program improve social-emotional and behavioural outcomes in children aged 4-6 years?. <i>Human Movement Science</i> , 2015, 43, 155-163.	0.6	31
148	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, 138-140.	0.8	30
149	Does a Classroom Standing Desk Intervention Modify Standing and Sitting Behaviour and Musculoskeletal Symptoms during School Time and Physical Activity during Waking Time?. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1668.	1.2	30
150	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.	0.5	30
151	The effect of individually adjusted workstations on upper quadrant posture and muscle activity in school children. <i>Work</i> , 2002, 18, 239-48.	0.6	30
152	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.	0.8	29
153	A prospective longitudinal study of mobile touch screen device use and musculoskeletal symptoms and visual health in adolescents. <i>Applied Ergonomics</i> , 2020, 85, 103028.	1.7	29
154	Effects of ground-based walking training on daily physical activity in people with COPD: A randomised controlled trial. <i>Respiratory Medicine</i> , 2017, 132, 139-145.	1.3	28
155	Western Australian pregnancy cohort (Raine) Study: Generation 1. <i>BMJ Open</i> , 2019, 9, e026276.	0.8	28
156	Symptoms of impairment, disability and handicap in low back pain: a taxonomy. <i>Pain</i> , 1992, 50, 189-195.	2.0	27
157	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	27
158	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, 311-320.	0.6	27
159	Associations of screen work with neck and upper extremity symptoms: a systematic review with meta-analysis. <i>Occupational and Environmental Medicine</i> , 2019, 76, 502-509.	1.3	27
160	Workplace assessments and functional capacity evaluations: current practices of therapists in Australia. <i>Work</i> , 2002, 18, 51-66.	0.6	27
161	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.	1.5	26
162	Translation equations to compare ActiGraph GT3X and Actical accelerometers activity counts. <i>BMC Medical Research Methodology</i> , 2012, 12, 54.	1.4	26

#	ARTICLE	IF	CITATIONS
163	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.	1.0	26
164	The Early Growth Genetics (EGG) and EARly Genetics and Lifecourse Epidemiology (EAGLE) consortia: design, results and future prospects. <i>European Journal of Epidemiology</i> , 2019, 34, 279-300.	2.5	26
165	Prevalence of Playing-related Musculoskeletal Symptoms and Disorders in Children Learning Instrumental Music. <i>Medical Problems of Performing Artists</i> , 2008, 23, 178-185.	0.2	26
166	A comparison of risk assessment of single and combination manual handling tasks: 1. Maximum acceptable weight measures. <i>Ergonomics</i> , 1996, 39, 128-140.	1.1	25
167	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-e143.	0.7	25
168	"I am absolutely shattered": The impact of chronic low back pain on Australian Aboriginal people. <i>European Journal of Pain</i> , 2012, 16, 1331-1341.	1.4	25
169	Back Pain in Tennis Players. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 351-357.	0.2	25
170	Patterns of physical activity and sedentary behavior after bariatric surgery: An observational study. <i>Surgery for Obesity and Related Diseases</i> , 2014, 10, 524-530.	1.0	25
171	Identification of a dietary pattern prospectively associated with bone mass in Australian young adults. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1035-1043.	2.2	25
172	Understanding why an active video game intervention did not improve motor skill and physical activity in children with developmental coordination disorder: A quantity or quality issue?. <i>Research in Developmental Disabilities</i> , 2017, 60, 1-12.	1.2	25
173	Exercise training improves vascular function and secondary health measures in survivors of pediatric oncology related cerebral insult. <i>PLoS ONE</i> , 2018, 13, e0201449.	1.1	25
174	Sedentary and Physical Activity Behavior in "Blue-Collar" Workers: A Systematic Review of Accelerometer Studies. <i>Journal of Physical Activity and Health</i> , 2019, 16, 1060-1069.	1.0	25
175	Psychophysical and psychological comparison of squat and stoop lifting by young females. <i>Australian Journal of Physiotherapy</i> , 2000, 46, 27-32.	0.9	24
176	Can scapular and humeral head position predict shoulder pain in adolescent swimmers and non-swimmers?. <i>Journal of Sports Sciences</i> , 2012, 30, 1767-1776.	1.0	24
177	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.	3.1	24
178	An investigation of discomfort experienced by dental therapists and assistants at work. <i>Australian Dental Journal</i> , 1994, 39, 39-44.	0.6	23
179	A comparison of risk assessment of single and combination manual handling tasks: 3. Biomechanical measures. <i>Ergonomics</i> , 1997, 40, 708-728.	1.1	23
180	An overview of manual handling injury statistics in western Australia. <i>International Journal of Industrial Ergonomics</i> , 1999, 24, 357-364.	1.5	22

#	ARTICLE	IF	CITATIONS
181	Children With Developmental Coordination Disorder Play Active Virtual Reality Games Differently Than Children With Typical Development. <i>Physical Therapy</i> , 2015, 95, 360-368.	1.1	22
182	Feasibility of objectively measured physical activity and sedentary behavior in patients with malignant pleural effusion. <i>Supportive Care in Cancer</i> , 2017, 25, 3133-3141.	1.0	22
183	A comparison of risk assessment of single and combination manual handling tasks: 2. Discomfort, Rating of Perceived Exertion and heart rate measures. <i>Ergonomics</i> , 1997, 40, 656-669.	1.1	21
184	Cultural hazards in the transfer of ergonomics technology. <i>International Journal of Industrial Ergonomics</i> , 1998, 22, 397-404.	1.5	21
185	Neck/shoulder pain in adolescents is not related to the level or nature of self-reported physical activity or type of sedentary activity in an Australian pregnancy cohort. <i>BMC Musculoskeletal Disorders</i> , 2009, 10, 87.	0.8	21
186	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, 672-684.	1.1	21
187	Lumbar spine repositioning sense in adolescents with and without non-specific chronic low back pain – An analysis based on sub-classification and spinal regions. <i>Manual Therapy</i> , 2013, 18, 410-417.	1.6	21
188	The Impact of Curtin University's Activity, Food and Attitudes Program on Physical Activity, Sedentary Time and Fruit, Vegetable and Junk Food Consumption among Overweight and Obese Adolescents: A Waitlist Controlled Trial. <i>PLoS ONE</i> , 2014, 9, e111954.	1.1	21
189	Differences in heart rate reserve of similar physical activities during work and in leisure time – A study among Danish blue-collar workers. <i>Physiology and Behavior</i> , 2018, 186, 45-51.	1.0	21
190	Process evaluation of a workplace-based health promotion and exercise cluster-randomised trial to increase productivity and reduce neck pain in office workers: a RE-AIM approach. <i>BMC Public Health</i> , 2020, 20, 180.	1.2	21
191	Course Evaluation on the Web: Facilitating Student and Teacher Reflection to Improve Learning. <i>New Directions for Teaching and Learning</i> , 2003, 2003, 81-93.	0.2	20
192	Fitness, Motor Competence, and Body Composition Are Weakly Associated With Adolescent Back Pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2009, 39, 439-449.	1.7	20
193	To remove or to replace traditional electronic games? A crossover randomised controlled trial on the impact of removing or replacing home access to electronic games on physical activity and sedentary behaviour in children aged 10–12 years. <i>BMJ Open</i> , 2013, 3, e002629.	0.8	20
194	Children, computer exposure and musculoskeletal outcomes: the development of pathway models for school and home computer-related musculoskeletal outcomes. <i>Ergonomics</i> , 2015, 58, 1611-1623.	1.1	20
195	Back Pain Beliefs Are Related to the Impact of Low Back Pain in Baby Boomers in the Busselton Healthy Aging Study. <i>Physical Therapy</i> , 2015, 95, 180-189.	1.1	20
196	Relationships between psychosocial outcomes in adolescents who are obese and their parents during a multi-disciplinary family-based healthy lifestyle intervention: One-year follow-up of a waitlist controlled trial (Curtin University's Activity, Food and Attitudes Program). <i>Health and Quality of Life Outcomes</i> , 2016, 14, 100.	1.0	20
197	Evaluating Short-Term Musculoskeletal Pain Changes in Desk-Based Workers Receiving a Workplace Sitting-Reduction Intervention. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1975.	1.2	20
198	Use of a footrest to reduce low back discomfort development due to prolonged standing. <i>Applied Ergonomics</i> , 2018, 67, 218-224.	1.7	19

#	ARTICLE	IF	CITATIONS
199	Workplace physical activity promotion: why so many failures and few successes? The need for new thinking. <i>British Journal of Sports Medicine</i> , 2021, 55, 650-651.	3.1	19
200	Test-retest reliability on nine tasks of the Physical Work Performance Evaluation. <i>Work</i> , 2002, 19, 243-53.	0.6	19
201	'I can sit and talk to her': Aboriginal people, chronic low back pain and healthcare practitioner communication. <i>Australian Family Physician</i> , 2014, 43, 320-4.	0.5	19
202	Rationale, design and methods for a randomised and controlled trial to evaluate "Animal Fun" - a program designed to enhance physical and mental health in young children. <i>BMC Pediatrics</i> , 2010, 10, 78.	0.7	18
203	The 2018 Physical Activity Guidelines for Americans: What's New? Implications for Clinicians and the Public. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2019, 49, 487-490.	1.7	18
204	The association of early life stressors with pain sensitivity and pain experience at 22 years. <i>Pain</i> , 2020, 161, 220-229.	2.0	18
205	Development and validation of the Curtin Bach Screening Questionnaire (CBSQ): a discriminative disability measure. <i>Pain</i> , 1995, 60, 73-81.	2.0	17
206	The effects of typing speed and force on motor control in symptomatic and asymptomatic office workers. <i>International Journal of Industrial Ergonomics</i> , 2005, 35, 779-795.	1.5	17
207	Towards evidence-based guidelines for wise use of computers by children. <i>International Journal of Industrial Ergonomics</i> , 2006, 36, 1045-1053.	1.5	17
208	ITKids Part II: Variation of postures and muscle activity in children using different information and communication technologies. <i>Work</i> , 2011, 38, 413-427.	0.6	17
209	Variation in Muscle Activity Among Office Workers When Using Different Information Technologies at Work and Away From Work. <i>Human Factors</i> , 2013, 55, 911-923.	2.1	17
210	Exploration of the Mechanisms of Change in Constructs From Self-Determination Theory and Quality of Life During a Multidisciplinary Family-Based Intervention for Overweight Adolescents. <i>Journal of Sport and Exercise Psychology</i> , 2016, 38, 59-68.	0.7	17
211	Lumbar Mechanics in Tennis Groundstrokes: Differences in Elite Adolescent Players With and Without Low Back Pain. <i>Journal of Applied Biomechanics</i> , 2016, 32, 32-39.	0.3	17
212	An Investigation of Self-reported Health-related Productivity Loss in Office Workers and Associations With Individual and Work-related Factors Using an Employer's Perspective. <i>Journal of Occupational and Environmental Medicine</i> , 2017, 59, e138-e144.	0.9	17
213	Associations of office workers's objectively assessed occupational sitting, standing and stepping time with musculoskeletal symptoms. <i>Ergonomics</i> , 2018, 61, 1187-1195.	1.1	17
214	Long overdue remarriage for better physical activity advice for all: bringing together the public health and occupational health agendas. <i>British Journal of Sports Medicine</i> , 2020, 54, 1377-1378.	3.1	17
215	Attributes of excellence in work-related assessments. <i>Work</i> , 2003, 20, 63-76.	0.6	17
216	Adolescent drug use, psychosocial functioning and spinal pain. <i>Journal of Health Psychology</i> , 2011, 16, 688-698.	1.3	16

#	ARTICLE	IF	CITATIONS
217	Neck/shoulder pain is more strongly related to depressed mood in adolescent girls than in boys. <i>Manual Therapy</i> , 2011, 16, 246-251.	1.6	16
218	An active video game intervention does not improve physical activity and sedentary time of children at risk for developmental coordination disorder: a crossover randomized trial. <i>Child: Care, Health and Development</i> , 2016, 42, 253-260.	0.8	16
219	Australia and Other Nations Are Failing to Meet Sedentary Behaviour Guidelines for Children: Implications and a Way Forward. <i>Journal of Physical Activity and Health</i> , 2016, 13, 177-188.	1.0	16
220	Inter-rater reliability of an observation-based ergonomics assessment checklist for office workers. <i>Ergonomics</i> , 2016, 59, 1606-1612.	1.1	16
221	Addressing Disparities in Low Back Pain Care by Developing Culturally Appropriate Information for Aboriginal Australians: "My Back on Track, My Future" <i>Pain Medicine</i> , 2017, 18, pnw314.	0.9	16
222	Privileging the privileged: the public health focus on leisure time physical activity has contributed to widening socioeconomic inequalities in health. <i>British Journal of Sports Medicine</i> , 2021, 55, 525-526.	3.1	16
223	Developmental trajectories of sleep during childhood and adolescence are related to health in young adulthood. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 2435-2444.	0.7	16
224	Active-Input Provides More Movement and Muscle Activity During Electronic Game Playing by Children. <i>International Journal of Human-Computer Interaction</i> , 2009, 25, 713-728.	3.3	15
225	Why do children think they get discomfort related to daily activities?. <i>Work</i> , 2009, 32, 267-274.	0.6	15
226	Diversity of tasks and information technologies used by office workers at and away from work. <i>Ergonomics</i> , 2011, 54, 1017-1028.	1.1	15
227	An exploration of familial associations in spinal posture defined using a clinical grouping method. <i>Manual Therapy</i> , 2011, 16, 501-509.	1.6	15
228	Chronic low back pain is associated with reduced vertebral bone mineral measures in community-dwelling adults. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 49.	0.8	15
229	Posture variation among office workers when using different information and communication technologies at work and away from work. <i>Ergonomics</i> , 2014, 57, 1678-1686.	1.1	15
230	Efficient and Effective Change Principles in Active Videogames. <i>Games for Health Journal</i> , 2015, 4, 43-52.	1.1	15
231	Effects of muscle strength and endurance on blood pressure and related cardiometabolic risk factors from childhood to adolescence. <i>Journal of Hypertension</i> , 2016, 34, 2365-2375.	0.3	15
232	System reliability as perceived by maintenance personnel on petroleum production facilities. <i>Reliability Engineering and System Safety</i> , 2016, 152, 58-65.	5.1	15
233	Abdominal bracing during lifting alters trunk muscle activity and body kinematics. <i>Applied Ergonomics</i> , 2017, 63, 91-98.	1.7	15
234	Work Productivity Loss in Young Workers Is Substantial and Is Associated With Spinal Pain and Mental Ill-health Conditions. <i>Journal of Occupational and Environmental Medicine</i> , 2017, 59, 237-245.	0.9	15

#	ARTICLE	IF	CITATIONS
235	Development and Implementation of "Just Right"™ Physical Behavior in Industrial Work Based on the Goldilocks Work Principle" A Feasibility Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4707.	1.2	15
236	Supporting Workers to Sit Less and Move More Through the Web-Based BeUpstanding Program: Protocol for a Single-Arm, Repeated Measures Implementation Study. <i>JMIR Research Protocols</i> , 2020, 9, e15756.	0.5	15
237	Multimorbidity is common among young workers and related to increased work absenteeism and presenteeism: results from the population-based Raine Study cohort. <i>Scandinavian Journal of Work, Environment and Health</i> , 2020, 46, 218-227.	1.7	15
238	During computing tasks symptomatic female office workers demonstrate a trend towards higher cervical postural muscle load than asymptomatic office workers: an experimental study. <i>Australian Journal of Physiotherapy</i> , 2009, 55, 257-262.	0.9	14
239	Bidirectional relationships between cigarette use and spinal pain in adolescents accounting for psychosocial functioning. <i>British Journal of Health Psychology</i> , 2014, 19, 113-131.	1.9	14
240	Body composition and nutritional status in malignant pleural mesothelioma: implications for activity levels and quality of life. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 1412-1421.	1.3	14
241	The association of mobile touch screen device use with parent-child attachment: a systematic review. <i>Ergonomics</i> , 2021, 64, 1606-1622.	1.1	14
242	Prevalence and patterns of multimorbidity in Australian baby boomers: the Busselton healthy ageing study. <i>BMC Public Health</i> , 2021, 21, 1539.	1.2	14
243	Improving Nutrition and Activity Behaviors Using Digital Technology and Tailored Feedback: Protocol for the Tailored Diet and Activity (ToDay) Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2019, 8, e12782.	0.5	14
244	Work-Associated Back Problems: Collaborative Solutions. <i>Occupational Medicine</i> , 1990, 40, 75-79.	0.8	13
245	A clinician's guide to work-related assessments: 2 " design problems. <i>Work</i> , 1998, 11, 191-206.	0.6	13
246	A comparison of the upper limb movement kinematics utilized by children playing virtual and real table tennis. <i>Human Movement Science</i> , 2014, 38, 84-93.	0.6	13
247	Abdominal Bracing Increases Ground Reaction Forces and Reduces Knee and Hip Flexion During Landing. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2016, 46, 286-292.	1.7	13
248	Musculoskeletal and Cognitive Effects of a Movement Intervention During Prolonged Standing for Office Work. <i>Human Factors</i> , 2018, 60, 947-961.	2.1	13
249	Postpandemic hybrid work: opportunities and challenges for physical activity and public health. <i>British Journal of Sports Medicine</i> , 2022, 56, 1203-1204.	3.1	13
250	Fitness, motor competence and body composition as correlates of adolescent neck/shoulder pain: an exploratory cross-sectional study. <i>BMC Public Health</i> , 2008, 8, 290.	1.2	12
251	Spinal pain and nutrition in adolescents - an exploratory cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 138.	0.8	12
252	ITKids Part I: Children's occupations and use of information and communication technologies. <i>Work</i> , 2011, 38, 401-412.	0.6	12

#	ARTICLE	IF	CITATIONS
253	Do Overweight Adolescents Adhere to Dietary Intervention Messages? Twelve-Month Detailed Dietary Outcomes from Curtin University's Activity, Food and Attitudes Program. <i>Nutrients</i> , 2015, 7, 4363-4382.	1.7	12
254	Health-related quality of life and pelvic floor dysfunction in advanced-stage ovarian cancer survivors: associations with objective activity behaviors and physiological characteristics. <i>Supportive Care in Cancer</i> , 2018, 26, 2239-2246.	1.0	12
255	Organized Sport Participation From Childhood to Adolescence Is Associated With Bone Mass in Young Adults From the Raine Study. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 67-74.	3.1	12
256	An Exploration of Machine-Learning Estimation of Ground Reaction Force from Wearable Sensor Data. <i>Sensors</i> , 2020, 20, 740.	2.1	12
257	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, 123-39.	0.2	12
258	Bone health and back pain: What do we know and where should we go?. <i>Osteoporosis International</i> , 2009, 20, 209-219.	1.3	11
259	The effect of forearm support on children's head, neck and upper limb posture and muscle activity during computer use. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, 965-974.	0.7	11
260	An Exploration of the Relationship Between Back Muscle Endurance and Familial, Physical, Lifestyle, and Psychosocial Factors in Adolescents and Young Adults. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2011, 41, 486-495.	1.7	11
261	Rationale, design and methods for a staggered-entry, waitlist controlled clinical trial of the impact of a community-based, family-centred, multidisciplinary program focussed on activity, food and attitude habits (Curtin University's Activity, Food and Attitudes Program "CAFAP") among overweight adolescents. <i>BMC Public Health</i> , 2012, 12, 471.	1.2	11
262	Soreness during non-music activities is associated with playing-related musculoskeletal problems: an observational study of 731 child and adolescent instrumentalists. <i>Journal of Physiotherapy</i> , 2014, 60, 102-108.	0.7	11
263	Workplace interventions for increasing standing or walking for decreasing musculoskeletal symptoms in sedentary workers. <i>The Cochrane Library</i> , 0, , .	1.5	11
264	Can Childcare Work Be Designed to Promote High Intensity Physical Activity for Improved Fitness and Health? A Proof of Concept Study of the Goldilocks Principle. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7419.	1.2	11
265	A cluster-randomized trial of workplace ergonomics and neck-specific exercise versus ergonomics and health promotion for office workers to manage neck pain " a secondary outcome analysis. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 68.	0.8	11
266	Associations of 12-year sleep behaviour trajectories from childhood to adolescence with myopia and ocular biometry during young adulthood. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 19-27.	1.0	11
267	A clinician's guide to work-related assessments: 3 " Administration and interpretation problems. <i>Work</i> , 1998, 11, 207-219.	0.6	10
268	Overweight adolescents eat what? And when? Analysis of consumption patterns to guide dietary message development for intervention. <i>Journal of Human Nutrition and Dietetics</i> , 2015, 28, 80-93.	1.3	10
269	Accelerometer-Derived Activity Phenotypes in Young Adults: a Latent Class Analysis. <i>International Journal of Behavioral Medicine</i> , 2018, 25, 558-568.	0.8	10
270	Are serum ferritin and transferrin saturation risk markers for restless legs syndrome in young adults? Longitudinal and cross-sectional data from the Western Australian Pregnancy Cohort (Raine) Study. <i>Journal of Sleep Research</i> , 2019, 28, e12741.	1.7	10

#	ARTICLE	IF	CITATIONS
271	Is Neck Posture Subgroup in Late Adolescence a Risk Factor for Persistent Neck Pain in Young Adults? A Prospective Study. <i>Physical Therapy</i> , 2021, 101, .	1.1	10
272	Excerpts from CybErg 2005 discussion on preliminary guidelines for wise use of computers by children. <i>International Journal of Industrial Ergonomics</i> , 2006, 36, 1089-1095.	1.5	9
273	The influence of age, gender and other information technology use on young people's computer use at school and home. <i>Work</i> , 2013, 44, 61-71.	0.6	9
274	Comparison of Compliance and Intervention Outcomes Between Hip- and Wrist-Worn Accelerometers During a Randomized Crossover Trial of an Active Video Games Intervention in Children. <i>Journal of Physical Activity and Health</i> , 2016, 13, 964-969.	1.0	9
275	Workplace interventions for increasing standing or walking for preventing musculoskeletal symptoms in sedentary workers. <i>The Cochrane Library</i> , 2017, . .	1.5	9
276	Working (longer than) 9 to 5: are there cardiometabolic health risks for young Australian workers who report longer than 38-h working weeks?. <i>International Archives of Occupational and Environmental Health</i> , 2018, 91, 403-412.	1.1	9
277	Urogenital symptoms: prevalence, bother, associations and impact in 22-year-old women of the Raine Study. <i>International Urogynecology Journal</i> , 2018, 29, 1807-1815.	0.7	9
278	Does "Animal Fun"™ improve aiming and catching, and balance skills in young children?. <i>Research in Developmental Disabilities</i> , 2019, 84, 122-130.	1.2	9
279	Standing Desks in a Grade 4 Classroom over the Full School Year. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3590.	1.2	9
280	Data linkage in an established longitudinal cohort: the Western Australian Pregnancy Cohort (Raine) Study. <i>Public Health Research and Practice</i> , 2016, 26, .	0.7	9
281	The validity and intra-tester reliability of a clinical measure of humeral head position. <i>Manual Therapy</i> , 2009, 14, 397-403.	1.6	8
282	Thoracic spine pain in youth: should we be concerned?. <i>Spine Journal</i> , 2009, 9, 338-339.	0.6	8
283	Pre-existing low-back symptoms impact adversely on sitting time reduction in office workers. <i>International Archives of Occupational and Environmental Health</i> , 2017, 90, 609-618.	1.1	8
284	Associations Between Musculoskeletal Pain Experience and Pressure and Cold Pain Sensitivity. <i>Clinical Journal of Pain</i> , 2019, 35, 56-64.	0.8	8
285	Convergent Validity of the Fitbit Charge 2 to Measure Sedentary Behavior and Physical Activity in Overweight and Obese Adults. <i>Journal for the Measurement of Physical Behaviour</i> , 2021, 4, 39-46.	0.5	8
286	Prenatal and childhood stress exposure and the sex specific response to psychosocial stress in adulthood. <i>Psychoneuroendocrinology</i> , 2021, 125, 105109.	1.3	8
287	Exploring lumbar and lower limb kinematics and kinetics for evidence that lifting technique is associated with LBP. <i>PLoS ONE</i> , 2021, 16, e0254241.	1.1	8
288	A review of research on techniques for lifting low-lying objects: 1. Criteria for evaluation. <i>Work</i> , 2002, 19, 9-18.	0.6	8

#	ARTICLE	IF	CITATIONS
289	Workplace assessments and functional capacity evaluations: current beliefs of therapists in Australia. <i>Work</i> , 2003, 20, 225-36.	0.6	8
290	“Coronavirus Changed the Rules on Everything”: Parent Perspectives on How the COVID-19 Pandemic Influenced Family Routines, Relationships and Technology Use in Families with Infants. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12865.	1.2	8
291	An Ergonomic Field Comparison of a Traditional Computer Mouse and a Vertical Computer Mouse in Uninjured Office Workers. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2000, 44, 6-356-6-359.	0.2	7
292	Biering-Sorensen test performance of Japanese young males: comparison with other ethnicities and relationship to electromyography, near-infrared spectroscopy and exertion ratings. <i>Ergonomics</i> , 2011, 54, 636-655.	1.1	7
293	Response Time, Pistol Fire Position Variability, and Pistol Draw Success Rates for Hip and Thigh Holsters. <i>Human Factors</i> , 2013, 55, 425-434.	2.1	7
294	The association of music experience, pattern of practice and performance anxiety with playing-related musculoskeletal problems (PRMP) in children learning instrumental music. <i>International Journal of Music Education</i> , 2015, 33, 390-412.	1.0	7
295	Young Children and Screen Time. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2016, 37, 265.	0.6	7
296	Activity Behaviors and Physiological Characteristics of Women With Advanced-Stage Ovarian Cancer: A Preliminary Cross-sectional Investigation. <i>International Journal of Gynecological Cancer</i> , 2018, 28, 604-613.	1.2	7
297	Higher Levels of Education Are Associated With Full-Time Work in Adults With Cystic Fibrosis. <i>Respiratory Care</i> , 2019, 64, 1116-1122.	0.8	7
298	Strategies used when conducting work-related assessments. <i>Work</i> , 2002, 19, 149-65.	0.6	7
299	Rationale, design and methods for a randomised and controlled trial to investigate whether home access to electronic games decreases children’s physical activity. <i>BMC Public Health</i> , 2009, 9, 212.	1.2	6
300	Differences in scapular and humeral head position between swimmers and non-swimmers. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 206-214.	1.3	6
301	A proposed model representing the relationships between user characteristics, computer exposure and musculoskeletal symptoms in children. <i>Work</i> , 2012, 41, 838-845.	0.6	6
302	The inter-tester reliability of anthropometric measurement with portable tools. <i>European Journal of Physiotherapy</i> , 2013, 15, 34-41.	0.7	6
303	Correlates of physical activity and sedentary time in young adults: the Western Australian Pregnancy Cohort (Raine) Study. <i>BMC Public Health</i> , 2018, 18, 916.	1.2	6
304	Evidence to design “just right”™ work using active workstations is currently limited. <i>Occupational and Environmental Medicine</i> , 2019, 76, 279-280.	1.3	6
305	Early life factors are associated with trajectories of consistent organized sport participation over childhood and adolescence: Longitudinal analysis from the Raine Study. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 456-461.	0.6	6
306	Energy drink intake and metabolic syndrome: A prospective investigation in young adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1679-1684.	1.1	6

#	ARTICLE	IF	CITATIONS
307	The Association Between Different Trajectories of Low Back Pain and Degenerative Imaging Findings in Young Adult Participants within The Raine Study. <i>Spine</i> , 2021, Publish Ahead of Print, .	1.0	6
308	Participation in sport in childhood and adolescence: Implications for adult fitness. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 908-912.	0.6	6
309	Can childcare work be designed to promote moderate and vigorous physical activity, cardiorespiratory fitness and health? Study protocol for the Goldilocks-childcare randomised controlled trial. <i>BMC Public Health</i> , 2020, 20, 237.	1.2	6
310	The association of adolescent spinal-pain-related absenteeism with early adulthood work absenteeism: A six-year follow-up data from a population-based cohort. <i>Scandinavian Journal of Work, Environment and Health</i> , 2018, 44, 521-529.	1.7	6
311	Responsiveness of Clinical and Laboratory Measures to Intervention Effects in Children With Developmental Coordination Disorder. <i>Pediatric Physical Therapy</i> , 2015, 27, 44-51.	0.3	5
312	A comparison of the burden and resultant risk associated with occupational falls from a height and on the same level in Australia. <i>Ergonomics</i> , 2016, 59, 1646-1660.	1.1	5
313	Informing retention in longitudinal cohort studies through a social marketing lens: Raine Study Generation 2 participantsâ€™ perspectives on benefits and barriers to participation. <i>BMC Medical Research Methodology</i> , 2020, 20, 202.	1.4	5
314	Rationale and protocol for the 7- and 8-year longitudinal assessments of eye health in a cohort of young adults in the Raine Study. <i>BMJ Open</i> , 2020, 10, e033440.	0.8	5
315	Insight into the longitudinal relationship between chronic subclinical inflammation and obesity from adolescence to early adulthood: a dual trajectory analysis. <i>Inflammation Research</i> , 2021, 70, 799-809.	1.6	5
316	The anticipatory response to stress and symptoms of depression and anxiety in early adulthood. <i>Psychoneuroendocrinology</i> , 2022, 136, 105605.	1.3	5
317	Changes in body composition in patients with malignant pleural mesothelioma and the relationship with activity levels and dietary intake. <i>European Journal of Clinical Nutrition</i> , 2022, 76, 979-986.	1.3	5
318	The inter-tester reliability of humeral head position in junior swimmers. <i>Physical Therapy in Sport</i> , 2009, 10, 97-100.	0.8	4
319	Effects of Home Access to Active Videogames on Child Self-Esteem, Enjoyment of Physical Activity, and Anxiety Related to Electronic Games: Results from a Randomized Controlled Trial. <i>Games for Health Journal</i> , 2014, 3, 260-266.	1.1	4
320	Itâ€™s A-bout Time: Detailed Patterns of Physical Activity in Obese Adolescents Participating in a Lifestyle Intervention. <i>Journal of Physical Activity and Health</i> , 2015, 12, 1453-1460.	1.0	4
321	Practical Lessons Learned from Adolescent and Parent Experiences Immediately and 12 Months following a Family-Based Healthy Lifestyle Intervention. <i>Childhood Obesity</i> , 2016, 12, 401-409.	0.8	4
322	Using hidden Markov models with raw, triaxial wrist accelerometry data to determine sleep stages. <i>Australian and New Zealand Journal of Statistics</i> , 2019, 61, 273-298.	0.4	4
323	An Exploration of Pre-Professional Dancersâ€™ Beliefs of the Low Back and Dance-Specific Low Back Movements. <i>Medical Problems of Performing Artists</i> , 2019, 34, 141-146.	0.2	4
324	Associations of physical activity or sedentary behaviour with pain sensitivity in young adults of the Raine Study. <i>Scandinavian Journal of Pain</i> , 2019, 19, 679-691.	0.5	4

#	ARTICLE	IF	CITATIONS
325	The musculoskeletal and cognitive effects of under-desk cycling compared to sitting for office workers. <i>Applied Ergonomics</i> , 2019, 79, 76-85.	1.7	4
326	The contributions of fetal growth restriction and gestational age to developmental outcomes at 12 months of age: A cohort study. <i>Early Human Development</i> , 2020, 142, 104951.	0.8	4
327	Reimagining physical activity for children following the systemic disruptions from the COVID-19 pandemic in Australia. <i>British Journal of Sports Medicine</i> , 2022, 56, 899-900.	3.1	4
328	Reducing Work-associated Back Problems in the Health Service: The role of the physiotherapist/ergonomist. <i>Physiotherapy</i> , 1989, 75, 697-700.	0.2	3
329	Body Discomfort Assessment Tools. <i>Principles and Applications in Engineering</i> , 2003, , 26-1-26-14.	0.0	3
330	Are neck pain and posture related?. <i>Physical Therapy Reviews</i> , 2010, 15, 115-116.	0.3	3
331	Establishing and maintaining an online community of academics: longitudinal evaluation of a virtual conference series. <i>International Journal of Web Based Communities</i> , 2011, 7, 116.	0.2	3
332	Prevention needs to be a priority. <i>Journal of Physiotherapy</i> , 2012, 58, 5-7.	0.7	3
333	Decreased Physical Working Capacity in Adolescents With Nonalcoholic Fatty Liver Disease Associates With Reduced Iron Availability. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 1584-1591.	2.4	3
334	Development of a Machine Learning Model for the Estimation of Hip and Lumbar Angles in Ballet Dancers. <i>Medical Problems of Performing Artists</i> , 2021, 36, 61-71.	0.2	3
335	Only one fifth of young Australian adults have beliefs about medical imaging for low back pain that align with current evidence: A cross-sectional study. <i>Musculoskeletal Science and Practice</i> , 2021, 56, 102460.	0.6	3
336	Young children's agency with digital technologies. <i>Children and Society</i> , 2022, 36, 541-563.	1.0	3
337	A hierarchy of evidence for informing physiotherapy practice. <i>Australian Journal of Physiotherapy</i> , 1999, 45, 231-233.	0.9	3
338	â€˜Thereâ€™s good and badâ€™: parent perspectives on the influence of mobile touch screen device use on prenatal attachment. <i>Ergonomics</i> , 2022, 65, 1593-1608.	1.1	3
339	Designing industrial work to be â€˜just rightâ€™ to promote health: a study protocol for a goldilocks work intervention. <i>BMC Public Health</i> , 2022, 22, 381.	1.2	3
340	Can Occupational Health Professionals successfully apply the Goldilocks Work Paradigm in a simulated work redesign?. <i>Ergonomics</i> , 2022, , 1-35.	1.1	3
341	Results from Australia's 2014 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2014, 11, S21-S25.	1.0	3
342	The Surveillance of Physical Activity, Sedentary Behavior, and Sleep: Protocol for the Development and Feasibility Evaluation of a Novel Measurement System. <i>JMIR Research Protocols</i> , 2022, 11, e35697.	0.5	3

#	ARTICLE	IF	CITATIONS
343	Should resistance training be targeted to a specific subgroup of patients with non-small cell lung cancer?. <i>Respirology</i> , 2017, 22, 1473-1473.	1.3	2
344	Relationship Between Vitamin D Status From Childhood to Early Adulthood With Body Composition in Young Australian Adults. <i>Journal of the Endocrine Society</i> , 2019, 3, 563-576.	0.1	2
345	Exploring the Reliability and Validity of the TechU-Q to Evaluate Device and Purpose Specific Screen Use in Preschool Children and Parents. <i>Journal of Child and Family Studies</i> , 2020, 29, 2879-2889.	0.7	2
346	Rationale, Design and Methods Protocol for Participatory Design of an Online Tool to Support Industry Service Provision Regarding Digital Technology Use with, by and for Young Children. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8819.	1.2	2
347	Adolescent Spinal Pain-Related Absenteeism as an Antecedent for Early Adulthood Work Presenteeism. <i>Journal of Occupational and Environmental Medicine</i> , 2020, 62, 1046-1051.	0.9	2
348	Psychological distress in early childhood and the risk of adolescent spinal pain with impact. <i>European Journal of Pain</i> , 2021, , .	1.4	2
349	Heritability of musculoskeletal pain and pain sensitivity phenotypes: 2 generations of the Raine Study. <i>Pain</i> , 2022, 163, e580-e587.	2.0	2
350	Relationship between TV watching during childhood and adolescence and fitness in adulthood in the Raine Study cohort. <i>European Journal of Sport Science</i> , 2023, 23, 423-431.	1.4	2
351	Mental health and behavioural factors involved in road traffic crashes by young adults: analysis of the Raine Study. <i>Journal of Epidemiology and Community Health</i> , 2022, 76, 556-562.	2.0	2
352	Movement quantity and quality: How do they relate to pain and disability in dancers?. <i>PLoS ONE</i> , 2022, 17, e0268444.	1.1	2
353	Just Right job design: A conceptual framework for sustainable work in rail driving using the Goldilocks Work Paradigm. <i>Applied Ergonomics</i> , 2022, 105, 103806.	1.7	2
354	An exploration of familial associations of two movement pattern-derived subgroups of chronic disabling low back pain; a cross-sectional cohort study. <i>Manual Therapy</i> , 2016, 22, 202-210.	1.6	1
355	Multiple components of fitness improved among overweight and obese adolescents following a community-based lifestyle intervention. <i>Journal of Sports Sciences</i> , 2016, 34, 1581-1587.	1.0	1
356	Development and validation of an algorithm to temporally align polysomnography and actigraphy data. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 025014.	0.6	1
357	Infographic. 11 best practice recommendations for care in musculoskeletal pain. <i>British Journal of Sports Medicine</i> , 2019, 53, 1250-1250.	3.1	1
358	Workforce perceptions of human factors as indicators of plant reliability and process safety. <i>Ergonomics</i> , 2021, 64, 171-183.	1.1	1
359	Physical Activity and Cardiovascular Fitness During Childhood and Adolescence: Association With Retinal Nerve Fibre Layer Thickness in Young Adulthood. <i>Journal of Glaucoma</i> , 2021, 30, 813-819.	0.8	1
360	The Predictive Ability of the Full and Short Versions of the Orebro Questionnaire for Absenteeism and Presenteeism Over the Subsequent 12 Months, in a Cohort of Young Community-Based Adult Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2021, Publish Ahead of Print, 1058-1064.	0.9	1

#	ARTICLE	IF	CITATIONS
361	Does intra-lumbar flexion during lifting differ in manual workers with and without a history of low back pain? A cross-sectional laboratory study. <i>Ergonomics</i> , 2022, 65, 1380-1396.	1.1	1
362	Response to letter by Welbie and Wittink. <i>Pain</i> , 2011, 152, 2444-2445.	2.0	0
363	Cognitive Performance In Young Adulthood Is Associated With Sport Trajectories From Early Childhood Through Adolescence. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 511.	0.2	0
364	Reply. <i>Journal of Pediatrics</i> , 2019, 207, 262-263.	0.9	0
365	Information and Communication Technology in Schools. , 2007, , .		0
366	Virtual Electronic Game Playing by Children can Be Active. , 2008, , 496-501.		0
367	Does Childcare Work Promote Cardiorespiratory Fitness and Health? A Cross-Sectional Study of Danish Childcare Workers Based on Accelerometry and Heart Rate Measurements. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12496.	1.2	0
368	Academic implications of screen use and sedentary behaviour in a school with a 1-to-1 device policy. <i>Technology, Pedagogy and Education</i> , 0, , 1-15.	3.3	0