

Pieter Coenen

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,350
citations

236925

25
h-index

233421

45
g-index

76
all docs

76
docs citations

76
times ranked

2742
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of lifting during work on low back pain: a health impact assessment based on a meta-analysis. <i>Occupational and Environmental Medicine</i> , 2014, 71, 871-877.	2.8	221
2	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.	6.7	221
3	Cumulative Low Back Load at Work as a Risk Factor of Low Back Pain: A Prospective Cohort Study. <i>Journal of Occupational Rehabilitation</i> , 2013, 23, 11-18.	2.2	141
4	Low back pain and postural sway during quiet standing with and without sensory manipulation: A systematic review. <i>Gait and Posture</i> , 2013, 37, 12-22.	1.4	123
5	Cumulative mechanical low-back load at work is a determinant of low-back pain. <i>Occupational and Environmental Medicine</i> , 2014, 71, 332-337.	2.8	98
6	Associations of prolonged standing with musculoskeletal symptoms – A systematic review of laboratory studies. <i>Gait and Posture</i> , 2017, 58, 310-318.	1.4	89
7	Associations of occupational standing with musculoskeletal symptoms: a systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , 2018, 52, 176-183.	6.7	83
8	The associations of mobile touch screen device use with musculoskeletal symptoms and exposures: A systematic review. <i>PLoS ONE</i> , 2017, 12, e0181220.	2.5	79
9	How does occupational physical activity influence health? An umbrella review of 23 health outcomes across 158 observational studies. <i>British Journal of Sports Medicine</i> , 2020, 54, 1474-1481.	6.7	70
10	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.	3.4	65
11	Trajectories of Low Back Pain From Adolescence to Young Adulthood. <i>Arthritis Care and Research</i> , 2017, 69, 403-412.	3.4	60
12	The effect of leisure time physical activity and sedentary behaviour on the health of workers with different occupational physical activity demands: a systematic review. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 100.	4.6	58
13	Occupational physical activity and longevity in working men and women in Norway: a prospective cohort study. <i>Lancet Public Health</i> , The, 2021, 6, e386-e395.	10.0	49
14	The effects of exit from work on health across different socioeconomic groups: A systematic literature review. <i>Social Science and Medicine</i> , 2018, 198, 36-45.	3.8	47
15	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.	2.1	47
16	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.	3.4	40
17	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.	3.1	38
18	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.	6.7	37

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19	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.	3.5	36
20	“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.	1.7	36
21	Workplace interventions for increasing standing or walking for decreasing musculoskeletal symptoms in sedentary workers. <i>The Cochrane Library</i> , 2019, 2019, .	2.8	34
22	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.	3.1	33
23	Robot-assisted walking vs overground walking in stroke patients: An evaluation of muscle activity. <i>Journal of Rehabilitation Medicine</i> , 2012, 44, 331-337.	1.1	31
24	Daily domain-specific time-use composition of physical behaviors and blood pressure. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 4.	4.6	30
25	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.	3.1	29
26	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.	2.8	27
27	Towards exposure limits for working postures and musculoskeletal symptoms – a prospective cohort study. <i>Ergonomics</i> , 2016, 59, 1182-1192.	2.1	26
28	The economic burden of knee and hip osteoarthritis: absenteeism and costs in the Dutch workforce. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 364.	1.9	23
29	Estimation of low back moments from video analysis: A validation study. <i>Journal of Biomechanics</i> , 2011, 44, 2369-2375.	2.1	22
30	The contribution of load magnitude and number of load cycles to cumulative low-back load estimations: A study based on in-vitro compression data. <i>Clinical Biomechanics</i> , 2012, 27, 1083-1086.	1.2	22
31	Decades of workplace health promotion research: marginal gains or a bright future ahead. <i>Scandinavian Journal of Work, Environment and Health</i> , 2021, 47, 561-564.	3.4	22
32	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.	2.1	21
33	Use of a footrest to reduce low back discomfort development due to prolonged standing. <i>Applied Ergonomics</i> , 2018, 67, 218-224.	3.1	19
34	Calibration of Self-Reported Time Spent Sitting, Standing and Walking among Office Workers: A Compositional Data Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3111.	2.6	18
35	Associations of office workers’ objectively assessed occupational sitting, standing and stepping time with musculoskeletal symptoms. <i>Ergonomics</i> , 2018, 61, 1187-1195.	2.1	17
36	Socioeconomic inequalities in effectiveness of and compliance to workplace health promotion programs: an individual participant data (IPD) meta-analysis. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 112.	4.6	17

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37	Socioeconomic inequalities in the effectiveness of workplace health promotion programmes on body mass index: An individual participant data meta-analysis. <i>Obesity Reviews</i> , 2020, 21, e13101.	6.5	16
38	Lifetime high occupational physical activity and total and cause-specific mortality among 320 000 adults in the NIH-AARP study: a cohort study. <i>Occupational and Environmental Medicine</i> , 2022, 79, 147-154.	2.8	16
39	Abdominal bracing during lifting alters trunk muscle activity and body kinematics. <i>Applied Ergonomics</i> , 2017, 63, 91-98.	3.1	15
40	Cancer survivors' experiences with conversations about work-related issues in the hospital setting. <i>Psycho-Oncology</i> , 2021, 30, 27-34.	2.3	15
41	Inter-rater reliability of a video-analysis method measuring low-back load in a field situation. <i>Applied Ergonomics</i> , 2013, 44, 828-834.	3.1	14
42	Factors associated with an adverse work outcome in breast cancer survivors 5-10 years after diagnosis: a cross-sectional study. <i>Journal of Cancer Survivorship</i> , 2019, 13, 108-116.	2.9	14
43	Factors associated with caregiver burden among adult (19-64 years) informal caregivers - An analysis from Dutch Municipal Health Service data. <i>Health and Social Care in the Community</i> , 2020, 28, 1578-1589.	1.6	14
44	Correction of bias in self-reported sitting time among office workers - a study based on compositional data analysis. <i>Scandinavian Journal of Work, Environment and Health</i> , 2020, 46, 32-42.	3.4	14
45	Musculoskeletal and Cognitive Effects of a Movement Intervention During Prolonged Standing for Office Work. <i>Human Factors</i> , 2018, 60, 947-961.	3.5	13
46	Development of a Personalized m/eHealth Algorithm for the Resumption of Activities of Daily Life Including Work and Sport after Total and Unicompartmental Knee Arthroplasty: A Multidisciplinary Delphi Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4952.	2.6	13
47	Postpandemic hybrid work: opportunities and challenges for physical activity and public health. <i>British Journal of Sports Medicine</i> , 2022, 56, 1203-1204.	6.7	13
48	Integrated care programmes for sport and work participation, performance of physical activities and quality of life among orthopaedic surgery patients: a systematic review with meta-analysis. <i>BMJ Open Sport and Exercise Medicine</i> , 2020, 6, e000664.	2.9	12
49	Can socioeconomic health differences be explained by physical activity at work and during leisure time? Rationale and protocol of the active worker individual participant meta-analysis. <i>BMJ Open</i> , 2018, 8, e023379.	1.9	11
50	The effectiveness of workplace health promotion programs on self-perceived health of employees with a low socioeconomic position: An individual participant data meta-analysis. <i>SSM - Population Health</i> , 2021, 13, 100743.	2.7	11
51	What work-related exposures are associated with post-traumatic stress disorder? A systematic review with meta-analysis. <i>BMJ Open</i> , 2021, 11, e049651.	1.9	9
52	The Paradoxical Health Effects of Occupational Versus Leisure-Time Physical Activity. <i>Handbook Series in Occupational Health Sciences</i> , 2020, , 241-267.	0.1	9
53	Large variability in recommendations for return to daily life activities after knee arthroplasty among Dutch hospitals and clinics: a cross-sectional study. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 0, 93, 568-573.	3.3	9
54	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.	2.3	8

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55	Predicting Forearm Physical Exposures During Computer Work Using Self-Reports, Software-Recorded Computer Usage Patterns, and Anthropometric and Workstation Measurements. <i>Annals of Work Exposures and Health</i> , 2018, 62, 124-137.	1.4	8
56	Work-site musculoskeletal pain risk estimates by trained observers – a prospective cohort study. <i>Ergonomics</i> , 2012, 55, 1373-1381.	2.1	7
57	Predictive validity of the Hand Arm Risk assessment Method (HARM). <i>International Journal of Industrial Ergonomics</i> , 2014, 44, 328-334.	2.6	7
58	Cross-cultural translation and adaptation of the Readiness for Return To Work questionnaire for Dutch cancer survivors. <i>European Journal of Cancer Care</i> , 2021, 30, e13383.	1.5	7
59	An Exploratory Study on the Physical Activity Health Paradox – Musculoskeletal Pain and Cardiovascular Load during Work and Leisure in Construction and Healthcare Workers. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2751.	2.6	7
60	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, .	2.0	6
61	Tailoring work participation support for cancer survivors using the stages of change: perspectives of (health care) professionals and survivors. <i>Journal of Cancer Survivorship</i> , 2023, 17, 706-719.	2.9	6
62	Validity and inter-observer reliability of subjective hand-arm vibration assessments. <i>Applied Ergonomics</i> , 2014, 45, 1257-1262.	3.1	5
63	Socioeconomic inequalities in reach, compliance and effectiveness of lifestyle interventions among workers: protocol for an individual participant data meta-analysis and equity-specific reanalysis. <i>BMJ Open</i> , 2019, 9, e025463.	1.9	5
64	Knee arthroplasty: a window of opportunity to improve physical activity in daily life, sports and work. <i>BMJ Open Sport and Exercise Medicine</i> , 2020, 6, e000822.	2.9	5
65	Sick Leave Due to Stress, What are the Costs for Dutch Employers?. <i>Journal of Occupational Rehabilitation</i> , 2022, 32, 764-772.	2.2	5
66	Bias and Power in Group-Based Epidemiologic Studies of Low-Back Pain Exposure and Outcome – Effects of Study Size and Exposure Measurement Efforts. <i>Annals of Occupational Hygiene</i> , 2015, 59, 439-54.	1.9	4
67	The musculoskeletal and cognitive effects of under-desk cycling compared to sitting for office workers. <i>Applied Ergonomics</i> , 2019, 79, 76-85.	3.1	4
68	The effect of the presence and characteristics of an outlying group on exposure–outcome associations. <i>Scandinavian Journal of Work, Environment and Health</i> , 2015, 41, 65-74.	3.4	4
69	The Paradoxical Health Effects of Occupational Versus Leisure-Time Physical Activity. , 2020, , 1-27.		3
70	Supporting participation in paid work of cancer survivors and their partners in the Netherlands: protocol of the SusTained Employability in cancer Patients and their partnerS (STEPS) multi-centre randomized controlled trial and cohort study. <i>BMC Public Health</i> , 2021, 21, 1844.	2.9	3
71	Can the Borg CR-10 scale for neck and low back discomfort predict future neck and low back pain among high-risk office workers?. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 1881-1889.	2.3	3
72	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.	1.7	2

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73	â€œNobody can take the stress away from meâ€™: a qualitative study on experiences of partners of patients with cancer regarding their work and health. Disability and Rehabilitation, 2023, 45, 1696-1704.	1.8	2
74	Detailed assessment of low-back loads may not be worth the effort: A comparison of two methods for exposure-outcome assessment of low-back pain. Applied Ergonomics, 2015, 51, 322-330.	3.1	1
75	0018â€¦Do highly active workers die early? elucidating the physical activity health paradox in a systematic review with meta-analyses. , 2017, , .		1
76	Prognostic factors for return to work in breast cancer survivors. The Cochrane Library, 2022, 2022, .	2.8	0