Marie Birk JÃ¸rgensen

List of Publications by Year
in descending order

73 papers	1,725 citations	279487 23 h-index	344852 36 g-index
74 all docs	74 docs citations	74 times ranked	2042 citing authors

#	Article	IF	Citations
1	A Randomized Controlled Intervention Trial to Relieve and Prevent Neck/Shoulder Pain. Medicine and Science in Sports and Exercise, 2008, 40, 983-990.	0.2	105
2	A comparison of standard and compositional data analysis in studies addressing group differences in sedentary behavior and physical activity. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 53.	2.0	67
3	Patient handling and risk for developing persistent low-back pain among female healthcare workers. Scandinavian Journal of Work, Environment and Health, 2013, 39, 164-169.	1.7	61
4	Rapid muscle activation and force capacity in conditions of chronic musculoskeletal pain. Clinical Biomechanics, 2008, 23, 1237-1242.	0.5	58
5	Waste Workersâ€™ Exposure to Airborne Fungal and Bacterial Species in the Truck Cab and During Waste Collection. Annals of Occupational Hygiene, 2016, 60, 651-668.	1.9	57
6	Physical activities at work and risk of musculoskeletal pain and its consequences: protocol for a study with objective field measures among blue-collar workers. BMC Musculoskeletal Disorders, 2013, 14, 213.	0.8	54
7	On the health paradox of occupational and leisure-time physical activity using objective measurements: Effects on autonomic imbalance. PLoS ONE, 2017, 12, e0177042.	1.1	54
8	Prevention of low back pain and its consequences among nursesâ€™ aides in elderly care: a stepped-wedge multi-faceted cluster-randomized controlled trial. BMC Public Health, 2013, 13, 1088.	1.2	51
9	The DPhacto cohort: An overview of technically measured physical activity at work and leisure in blue-collar sectors for practitioners and researchers. Applied Ergonomics, 2019, 77, 29-39.	1.7	50
10	A multifaceted workplace intervention for low back pain in nurses' aides. Pain, 2015, 156, 1786-1794.	2.0	46
11	What Is the Effect on Obesity Indicators from Replacing Prolonged Sedentary Time with Brief Sedentary Bouts, Standing and Different Types of Physical Activity during Working Days? A Cross-Sectional Accelerometer-Based Study among Blue-Collar Workers. PLoS ONE, 2016, 11, e0154935.	1.1	45
12	Increased neck muscle activity and impaired balance among females with whiplash-related chronic neck pain: A cross-sectional study. Journal of Rehabilitation Medicine, 2013, 45, 376-384.	0.8	44
13	The physical activity paradox revisited: a prospective study on compositional accelerometer data and long-term sickness absence. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 93.	2.0	44
14	A randomised controlled trial among cleaners-Effects on strength, balance and kinesiophobia. BMC Public Health, 2011, 11, 776.	1.2	42
15	Stress reactions to cognitively demanding tasks and open-plan office noise. International Archives of Occupational and Environmental Health, 2009, 82, 631-641.	1.1	41
16	Does employee participation in workplace health promotion depend on the working environment? A cross-sectional study of Danish workers. BMJ Open, 2016, 6, e010516.	0.8	40
17	Processes, barriers and facilitators to implementation of a participatory ergonomics program among eldercare workers. Applied Ergonomics, 2017, 58, 491-499.	1.7	40
18	A multi-faceted workplace intervention targeting low back pain was effective for physical work demands and maladaptive pain behaviours, but not for work ability and sickness absence: Stepped wedge cluster randomised trial. Scandinavian Journal of Public Health, 2016, 44, 560-570.	1.2	33

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19	Health disparities between immigrant and Danish cleaners. International Archives of Occupational and Environmental Health, 2011, 84, 665-674.	1.1	30
20	Are forward bending of the trunk and low back pain associated among Danish blue-collar workers? A cross-sectional field study based on objective measures. Ergonomics, 2015, 58, 246-258.	1.1	28
21	Are temporal patterns of sitting associated with obesity among blue-collar workers? A cross sectional study using accelerometers. BMC Public Health, 2016, 16, 148.	1.2	27
22	Are trajectories of neckâ€“shoulder pain associated with sick leave and work ability in workers? A 1-year prospective study. BMJ Open, 2019, 9, e022006.	0.8	27
23	Movement behavior profiles and obesity: a latent profile analysis of 24-h time-use composition among Danish workers. International Journal of Obesity, 2020, 44, 409-417.	1.6	26
24	Is prolonged sitting at work associated with the time course of neckâ€“shoulder pain? A prospective study in Danish blue-collar workers. BMJ Open, 2016, 6, e012689.	0.8	25
25	Organizing workplace health literacy to reduce musculoskeletal pain and consequences. BMC Nursing, 2015, 14, 46.	0.9	23
26	Does Physically Demanding Work Hinder a Physically Active Lifestyle in Low Socioeconomic Workers? A Compositional Data Analysis Based on Accelerometer Data. International Journal of Environmental Research and Public Health, 2018, 15, 1306.	1.2	23
27	Prolonged sitting at work is associated with a favorable time course of low-back pain among blue-collar workers: a prospective study in the DPhacto cohort. Scandinavian Journal of Work, Environment and Health, 2018, 44, 530-538.	1.7	23
28	Objectively measured physical activity and 12-month trajectories of neckâ€“shoulder pain in workers: A prospective study in DPHACTO. Scandinavian Journal of Public Health, 2017, 45, 288-298.	1.2	22
29	The association between health and sickness absence among Danish and non-Western immigrant cleaners in Denmark. International Archives of Occupational and Environmental Health, 2013, 86, 397-405.	1.1	21
30	Cardiorespiratory fitness, cardiovascular workload and risk factors among cleaners; a cluster randomized worksite intervention. BMC Public Health, 2012, 12, 645.	1.2	20
31	Temporal patterns of sitting at work are associated with neckâ€“shoulder pain in blue-collar workers: a cross-sectional analysis of accelerometer data in the DPHACTO study. International Archives of Occupational and Environmental Health, 2016, 89, 823-833.	1.1	20
32	Recall Bias in Low Back Pain Among Workers. Spine, 2018, 43, E727-E733.	1.0	20
33	Does objectively measured daily duration of forward bending predict development and aggravation of low-back pain? A prospective study. Scandinavian Journal of Work, Environment and Health, 2016, 42, 528-537.	1.7	20
34	The variability of the trunk forward bending in standing activities during work vs. leisure time. Applied Ergonomics, 2017, 58, 273-280.	1.7	19
35	Association between objectively measured static standing and low back pain â€“ a cross-sectional study among blue-collar workers. Ergonomics, 2018, 61, 1196-1207.	1.1	19
36	Is Daily Composition of Movement Behaviors Related to Blood Pressure in Working Adults?. Medicine and Science in Sports and Exercise, 2018, 50, 2150-2155.	0.2	19

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37	Social support modifies association between forward bending of the trunk and low-back pain: Cross-sectional field study of blue-collar workers. Scandinavian Journal of Work, Environment and Health, 2016, 42, 125-134.	1.7	19
38	Does Self-Assessed Physical Capacity Predict Development of Low Back Pain Among Health Care Workers? A 2-Year Follow-up Study. Spine, 2013, 38, 272-276.	1.0	18
39	Adoption of workplaces and reach of employees for a multi-faceted intervention targeting low back pain among nursesâ€™ aides. BMC Medical Research Methodology, 2014, 14, 60.	1.4	18
40	Objectively measured occupational and leisure-time physical activity: cross-sectional associations with sleep problems. Scandinavian Journal of Work, Environment and Health, 2018, 44, 202-211.	1.7	18
41	Associations between psychosocial work environment and hypertension among non-Western immigrant and Danish cleaners. International Archives of Occupational and Environmental Health, 2012, 85, 829-835.	1.1	17
42	Does workplace health promotion in Denmark reach relevant target groups?. Health Promotion International, 2015, 30, 318-327.	0.9	16
43	Identifying knowledge gaps between practice and research for implementation components of sustainable interventions to improve the working environment â€“ A rapid review. Applied Ergonomics, 2018, 67, 178-192.	1.7	15
44	Objectively Measured Sitting and Standing in Workers: Cross-Sectional Relationship with Autonomic Cardiac Modulation. International Journal of Environmental Research and Public Health, 2019, 16, 650.	1.2	15
45	Does workplace health promotion reach shift workers?. Scandinavian Journal of Work, Environment and Health, 2015, 41, 84-93.	1.7	15
46	Participation of Danish and immigrant cleaners in a 1-year worksite intervention preventing physical deterioration. Ergonomics, 2012, 55, 256-264.	1.1	14
47	Decrease in musculoskeletal pain after 4 and 12 months of an aerobic exercise intervention: a worksite RCT among cleaners. Scandinavian Journal of Public Health, 2018, 46, 846-853.	1.2	14
48	Physical Capacity and Risk for Long-Term Sickness Absence. Journal of Occupational and Environmental Medicine, 2015, 57, 526-530.	0.9	13
49	Long Term Effects on Risk Factors for Cardiovascular Disease after 12-Months of Aerobic Exercise Intervention - A Worksite RCT among Cleaners. PLoS ONE, 2016, 11, e0158547.	1.1	13
50	Psychosocial work environment among immigrant and Danish cleaners. International Archives of Occupational and Environmental Health, 2012, 85, 89-95.	1.1	12
51	The role of managers in addressing employees with musculoskeletal pain: a mixed methods study. International Archives of Occupational and Environmental Health, 2018, 91, 361-372.	1.1	12
52	Operationalizing a model to quantify implementation of a multi-component intervention in a stepped-wedge trial. Implementation Science, 2018, 13, 26.	2.5	12
53	Independent Effect of Physical Workload and Childhood Socioeconomic Status on Low Back Pain Among Health Care Workers in Denmark. Spine, 2013, 38, E359-E366.	1.0	11
54	Does rare use of assistive devices during patient handling increase the risk of low back pain? A prospective cohort study among female healthcare workers. International Archives of Occupational and Environmental Health, 2015, 88, 335-342.	1.1	11

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55	Low back pain patterns over one year among 842 workers in the DPhacto study and predictors for chronicity based on repetitive measurements. BMC Musculoskeletal Disorders, 2016, 17, 453.	0.8	11
56	Are accelerometer measures of temporal patterns of static standing associated with lower extremity pain among blue-collar workers?. Gait and Posture, 2019, 67, 166-171.	0.6	11
57	Do working environment interventions reach shift workers?. International Archives of Occupational and Environmental Health, 2016, 89, 163-170.	1.1	10
58	Is high aerobic workload at work associated with leisure time physical activity and sedentary behaviour among blue-collar workers? A compositional data analysis based on accelerometer data. PLoS ONE, 2019, 14, e0217024.	1.1	10
59	Technically measured compositional physical work demands and prospective register-based sickness absence (PODESA): a study protocol. BMC Public Health, 2019, 19, 257.	1.2	10
60	Developing a practice and evidence-based guideline for occupational health and safety professionals to prevent and handle musculoskeletal pain in workplaces. Applied Ergonomics, 2021, 97, 103520.	1.7	10
61	Are occupational physical activities tailored to the age of cleaners and manufacturing workers?. International Archives of Occupational and Environmental Health, 2019, 92, 185-193.	1.1	9
62	The effect of strengthening health literacy in nursing homes on employee pain and consequences of pain â€' a stepped-wedge intervention trial. Scandinavian Journal of Work, Environment and Health, 2019, 45, 386-395.	1.7	7
63	Implementation of physical coordination training and cognitive behavioural training interventions at cleaning workplaces â€“ secondary analyses of a randomised controlled trial. Ergonomics, 2012, 55, 762-772.	1.1	6
64	Identifying a practice-based implementation framework for sustainable interventions for improving the evolving working environment: Hitting the Moving Target Framework. Applied Ergonomics, 2018, 67, 170-177.	1.7	6
65	The joint association of musculoskeletal pain and domains of physical activity with sleep problems: cross-sectional data from the DPhacto study, Denmark. International Archives of Occupational and Environmental Health, 2019, 92, 491-499.	1.1	6
66	Day-to-day pattern of work and leisure time physical behaviours: are low socioeconomic status adults couch potatoes or work warriors?. BMC Public Health, 2021, 21, 1342.	1.2	5
67	Postural Control and Shoulder Steadiness in F-16 Pilots: A Randomized Controlled Study. Aviation, Space, and Environmental Medicine, 2014, 85, 420-425.	0.6	4
68	The association between occupational standing and sedentary leisure time over consecutive workdays among blue-collar workers in manual jobs. International Archives of Occupational and Environmental Health, 2019, 92, 481-490.	1.1	4
69	Associations between occupational relative aerobic workload and resting blood pressure among different age groups: a cross-sectional analysis in the DPhacto study. BMJ Open, 2019, 9, e029713.	0.8	3
70	Which work environment challenges are top of mind among eldercare workers and how would they suggest to act upon them in everyday practice? Process evaluation of a workplace health literacy intervention. Applied Ergonomics, 2021, 90, 103265.	1.7	3
71	Intensity of occupational physical activity in blue-collar workers: do self-reported rating and device-worn measurements agree?. European Journal of Applied Physiology, 2022, 122, 1293-1301.	1.2	2
72	Evaluation and Dissemination of a Checklist to Improve Implementation of Work Environment Initiatives in the Eldercare Sector: Protocol for a Prospective Observational Study. JMIR Research Protocols, 2020, 9, e16039.	0.5	1

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73	Nation-Wide Dissemination of a Digital Checklist to Improve Work Environment in the Eldercare Sector in Denmark. Frontiers in Public Health, 2020, 8, 502106.	1.3	0