

# Svend Erik Mathiassen

## List of Publications by Year in descending order

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Version: 2024-02-01

190  
papers

7,333  
citations

50276

46  
h-index

69250

77  
g-index

194  
all docs

194  
docs citations

194  
times ranked

4027  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Designing industrial work to be “just right”™ to promote health— a study protocol for a goldilocks work intervention. <i>BMC Public Health</i> , 2022, 22, 381.	2.9	3
3	Associations between perceived quantitative work demands at different organisational levels and pain and sickness absence in eldercare workers: a multi-level longitudinal analysis. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 993-1001.	2.3	2
4	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
5	Nursing Home, Ward and Worker Level Determinants of Perceived Quantitative Work Demands: A Multi-Level Cross-Sectional Analysis in Eldercare. <i>Annals of Work Exposures and Health</i> , 2022, 66, 1033-1043.	1.4	1
6	Can a metric combining arm elevation and trapezius muscle activity predict neck/shoulder pain? A prospective cohort study in construction and healthcare. <i>International Archives of Occupational and Environmental Health</i> , 2021, 94, 647-658.	2.3	4
7	Lessons Learned. <i>Journal of Applied Biomechanics</i> , 2021, 37, 1.	0.8	0
8	Working from home during the COVID-19 outbreak in Sweden: effects on 24-h time-use in office workers. <i>BMC Public Health</i> , 2021, 21, 528.	2.9	63
9	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.	2.6	15
10	Effects of Two Randomized and Controlled Multi-Component Interventions Focusing On 24-Hour Movement Behavior among Office Workers: A Compositional Data Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4191.	2.6	12
11	Physical Behaviours in Brazilian Office Workers Working from Home during the COVID-19 Pandemic, Compared to before the Pandemic: A Compositional Data Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6278.	2.6	21
12	What Determines Step-Rate at Work? An Investigation of Factors at the Shift, Worker, Ward, and Nursing Home Levels in Eldercare. <i>Annals of Work Exposures and Health</i> , 2021, 65, 919-927.	1.4	0
13	Fatigue, Stress, and Performance during Alternating Physical and Cognitive Tasks—Effects of the Temporal Pattern of Alternations. <i>Annals of Work Exposures and Health</i> , 2021, 65, 1107-1122.	1.4	2
14	Are resident handlings in eldercare wards associated with musculoskeletal pain and sickness absence among the workers? A prospective study based on onsite observations. <i>Scandinavian Journal of Work, Environment and Health</i> , 2021, 47, 609-618.	3.4	2
15	Effects on variation in shoulder, forearm and low back muscle activity from combining seated computer work with other productive office tasks: results from a simulation study. <i>Ergonomics</i> , 2021, , 1-13.	2.1	0
16	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.	2.6	0
17	Stress-Related Responses to Alternations between Repetitive Physical Work and Cognitive Tasks of Different Difficulties. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8509.	2.6	3
18	Combined Effects of Physical Behavior Compositions and Psychosocial Resources on Perceived Exertion Among Eldercare Workers. <i>Annals of Work Exposures and Health</i> , 2020, 64, 923-935.	1.4	4

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19	Sitting, standing and moving during work and leisure among male and female office workers of different age: a compositional data analysis. <i>BMC Public Health</i> , 2020, 20, 826.	2.9	20
20	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.	2.6	11
21	Consistent individual motor variability traits demonstrated by females performing a long-cycle assembly task under conditions differing in temporal organisation. <i>Applied Ergonomics</i> , 2020, 85, 103046.	3.1	6
22	Time-Based Data in Occupational Studies: The Whys, the Hows, and Some Remaining Challenges in Compositional Data Analysis (CoDA). <i>Annals of Work Exposures and Health</i> , 2020, 64, 778-785.	1.4	31
23	Occupational and Individual Determinants of Work-life Balance among Office Workers with Flexible Work Arrangements. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1418.	2.6	20
24	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.	2.9	6
25	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
26	Effects of Time in Sitting and Standing on Pleasantness, Acceptability, Fatigue, and Pain When Using a Sit-stand Desk: An Experiment on Overweight and Normal-Weight Subjects. <i>Journal of Physical Activity and Health</i> , 2020, 17, 1222-1230.	2.0	4
27	Equal health at work? Protocol for an observational study of work organisation, workload and musculoskeletal complaints among women and men in grocery retail. <i>BMJ Open</i> , 2020, 10, e032409.	1.9	6
28	Trapezius muscle activity variation during computer work performed by individuals with and without neck-shoulder pain. <i>Applied Ergonomics</i> , 2019, 81, 102908.	3.1	14
29	The effects of moving into an activity-based office on communication, social relations and work demands – A controlled intervention with repeated follow-up. <i>Journal of Environmental Psychology</i> , 2019, 66, 101341.	5.1	31
30	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
31	Staff perception of Lean, care-giving, thriving and exhaustion: a longitudinal study in primary care. <i>BMC Health Services Research</i> , 2019, 19, 652.	2.2	15
32	Alternations between physical and cognitive tasks in repetitive work – effect of cognitive task difficulty on fatigue development in women. <i>Ergonomics</i> , 2019, 62, 1008-1022.	2.1	7
33	Consistency of Sedentary Behavior Patterns among Office Workers with Long-Term Access to Sit-stand Workstations. <i>Annals of Work Exposures and Health</i> , 2019, 63, 583-591.	1.4	9
34	Lean maturity and quality in primary care. <i>Journal of Health Organization and Management</i> , 2019, 33, 141-154.	1.3	17
35	Trunk and upper arm postures in paper mill work. <i>Applied Ergonomics</i> , 2019, 76, 90-96.	3.1	9
36	Variation in upper extremity, neck and trunk postures when performing computer work at a sit-stand station. <i>Applied Ergonomics</i> , 2019, 75, 120-128.	3.1	21

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37	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.	2.0	25
38	Promoting health and physical capacity during productive work: the Goldilocks Principle. <i>Scandinavian Journal of Work, Environment and Health</i> , 2019, 45, 90-97.	3.4	53
39	Correctness of Self-Reported Task Durations: A Systematic Review. <i>Annals of Work Exposures and Health</i> , 2018, 62, 1-16.	1.4	7
40	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.	6.7	40
41	Sitting patterns after relocation to activity-based offices: A controlled study of a natural intervention. <i>Preventive Medicine</i> , 2018, 111, 384-390.	3.4	22
42	Differences in trapezius muscle activation patterns in office workers with and without chronic neck-shoulder pain, as quantified through exposure variation analysis. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 962-966.	0.3	0
43	Self-rated productivity and employee well-being in activity-based offices: The role of environmental perceptions and workspace use. <i>Building and Environment</i> , 2018, 145, 115-124.	6.9	70
44	A comparison of standard and compositional data analysis in studies addressing group differences in sedentary behavior and physical activity. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 53.	4.6	67
45	Uncertainty in monetary cost estimates for assessing working postures using inclinometry, observation or self-report. <i>Applied Ergonomics</i> , 2018, 71, 73-77.	3.1	2
46	Implementation of an ergonomics intervention in a Swedish flight baggage handling company”A process evaluation. <i>PLoS ONE</i> , 2018, 13, e0191760.	2.5	1
47	Is objectively measured sitting at work associated with low-back pain? A cross sectional study in the DPhacto cohort. <i>Scandinavian Journal of Work, Environment and Health</i> , 2018, 44, 96-105.	3.4	18
48	Is self-reported time spent sedentary and in physical activity differentially biased by age, gender, body mass index, and low-back pain?. <i>Scandinavian Journal of Work, Environment and Health</i> , 2018, 44, 163-170.	3.4	29
49	Variation at work: alternations between physically and mentally demanding tasks in blue-collar occupations. <i>Ergonomics</i> , 2017, 60, 1218-1227.	2.1	15
50	Sit”Stand Tables With Semi-Automated Position Changes: A New Interactive Approach for Reducing Sitting in Office Work. <i>IIE Transactions on Occupational Ergonomics and Human Factors</i> , 2017, 5, 39-46.	0.8	14
51	Influence of Posture Variation on Shoulder Muscle Activity, Heart Rate, and Perceived Exertion in a Repetitive Manual Task. <i>IIE Transactions on Occupational Ergonomics and Human Factors</i> , 2017, 5, 47-64.	0.8	2
52	Comparison of Sedentary Behaviors in Office Workers Using Sit-Stand Tables With and Without Semiautomated Position Changes. <i>Human Factors</i> , 2017, 59, 782-795.	3.5	14
53	A practical guidance for assessments of sedentary behavior at work: A PEROSH initiative. <i>Applied Ergonomics</i> , 2017, 63, 41-52.	3.1	34
54	A questionnaire measuring staff perceptions of Lean adoption in healthcare: development and psychometric testing. <i>BMC Health Services Research</i> , 2017, 17, 235.	2.2	18

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55	Observer variability in posture assessment from video recordings: The effect of partly visible periods. <i>Applied Ergonomics</i> , 2017, 60, 275-281.	3.1	17
56	Precision based guidelines for sub-maximal normalisation task selection for trunk extensor EMG. <i>Journal of Electromyography and Kinesiology</i> , 2017, 37, 41-51.	1.7	11
57	Variability in spatio-temporal pattern of trapezius activity and coordination of hand-arm muscles during a sustained repetitive dynamic task. <i>Experimental Brain Research</i> , 2017, 235, 389-400.	1.5	27
58	Differences in motor variability among individuals performing a standardized short-cycle manual task. <i>Human Movement Science</i> , 2017, 51, 17-26.	1.4	28
59	Influence of Work Pace on Upper Extremity Kinematics and Muscle Activity in a Short-Cycle Repetitive Pick-and-Place Task. <i>Annals of Work Exposures and Health</i> , 2017, 61, 356-368.	1.4	10
60	Daily Shoulder Pain Among Flight Baggage Handlers and its Association With Work Tasks and Upper Arm Postures on the Same Day. <i>Annals of Work Exposures and Health</i> , 2017, 61, 1145-1153.	1.4	8
61	Systematic review of quantitative imaging biomarkers for neck and shoulder musculoskeletal disorders. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 395.	1.9	14
62	Predicting Directly Measured Trunk and Upper Arm Postures in Paper Mill Work From Administrative Data, Workers'™ Ratings and Posture Observations. <i>Annals of Work Exposures and Health</i> , 2017, 61, 207-217.	1.4	10
63	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
64	A Comparison of Two Strategies for Building an Exposure Prediction Model. <i>Annals of Occupational Hygiene</i> , 2016, 60, mev072.	1.9	5
65	ErgoVSM: A Tool for Integrating Value Stream Mapping and Ergonomics in Manufacturing. <i>Human Factors and Ergonomics in Manufacturing</i> , 2016, 26, 191-204.	2.7	33
66	Is prolonged sitting at work associated with the time course of neck&quot;shoulder pain? A prospective study in Danish blue-collar workers. <i>BMJ Open</i> , 2016, 6, e012689.	1.9	25
67	Temporal patterns of sitting at work are associated with neck&quot;shoulder pain in blue-collar workers: a cross-sectional analysis of accelerometer data in the DPHACTO study. <i>International Archives of Occupational and Environmental Health</i> , 2016, 89, 823-833.	2.3	20
68	Full-Shift Trunk and Upper Arm Postures and Movements Among Aircraft Baggage Handlers. <i>Annals of Occupational Hygiene</i> , 2016, 60, 977-990.	1.9	35
69	The effect of sit-stand workstations to decrease sedentariness in office work. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 465-465.	0.3	0
70	Gender differences in fatigability and muscle activity responses to a short-cycle repetitive task. <i>European Journal of Applied Physiology</i> , 2016, 116, 2357-2365.	2.5	63
71	Are temporal patterns of sitting associated with obesity among blue-collar workers? A cross sectional study using accelerometers. <i>BMC Public Health</i> , 2016, 16, 148.	2.9	27
72	Reliability and criterion validity of an observation protocol for working technique assessments in cash register work. <i>Ergonomics</i> , 2016, 59, 829-839.	2.1	8

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73	Observer performance in estimating upper arm elevation angles under ideal viewing conditions when assisted by posture matching software. <i>Applied Ergonomics</i> , 2016, 55, 208-215.	3.1	6
74	Measurement strategy and statistical power in studies assessing gait stability and variability in older adults. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 257-265.	2.9	11
75	Effects of concurrent physical and cognitive demands on muscle activity and heart rate variability in a repetitive upper-extremity precision task. <i>European Journal of Applied Physiology</i> , 2016, 116, 227-239.	2.5	22
76	Systematic review of biochemical biomarkers for neck and upper-extremity musculoskeletal disorders. <i>Scandinavian Journal of Work, Environment and Health</i> , 2016, 42, 103-124.	3.4	20
77	Interventions to reduce sedentary behavior and increase physical activity during productive work: a systematic review. <i>Scandinavian Journal of Work, Environment and Health</i> , 2016, 42, 181-191.	3.4	101
78	Prediction of objectively measured physical activity and sedentariness among blue-collar work using survey questionnaires. <i>Scandinavian Journal of Work, Environment and Health</i> , 2016, 42, 237-45.	3.4	26
79	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
80	Differences between work and leisure in temporal patterns of objectively measured physical activity among blue-collar workers. <i>BMC Public Health</i> , 2015, 15, 976.	2.9	47
81	Psychosocial Work Factors and Musculoskeletal Pain: A Cross-Sectional Study among Swedish Flight Baggage Handlers. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	30
82	Long-Term Monitoring of Physical Behavior Reveals Different Cardiac Responses to Physical Activity among Subjects with and without Chronic Neck Pain. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	7
83	Effects of concurrent physical and cognitive demands on arm movement kinematics in a repetitive upper-extremity precision task. <i>Human Movement Science</i> , 2015, 42, 89-99.	1.4	12
84	Association between objectively measured sitting time and neck/shoulder pain among blue-collar workers. <i>International Archives of Occupational and Environmental Health</i> , 2015, 88, 1031-1042.	2.3	58
85	Between- and within-subject variance of motor variability metrics in females performing repetitive upper-extremity precision work. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 121-129.	1.7	27
86	Nonlinear metrics assessing motor variability in a standardized pipetting task: Between- and within-subject variance components. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 557-564.	1.7	20
87	Digging deeper into the assessment of upper arm elevation angles using standard inclinometry. <i>Applied Ergonomics</i> , 2015, 51, 102-103.	3.1	2
88	The combined influence of task accuracy and pace on motor variability in a standardised repetitive precision task. <i>Ergonomics</i> , 2015, 58, 1388-1397.	2.1	19
89	Partly visible periods in posture observation from video: Prevalence and effect on summary estimates of postures in the job. <i>Applied Ergonomics</i> , 2015, 49, 63-69.	3.1	11
90	The ability of non-computer tasks to increase biomechanical exposure variability in computer-intensive office work. <i>Ergonomics</i> , 2015, 58, 50-64.	2.1	12

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91	Short- and long-term reliability of heart rate variability indices during repetitive low-force work. <i>European Journal of Applied Physiology</i> , 2015, 115, 803-812.	2.5	27
92	The size and structure of arm movement variability decreased with work pace in a standardised repetitive precision task. <i>Ergonomics</i> , 2015, 58, 128-139.	2.1	32
93	Is what you see what you get? Standard inclinometry of set upper arm elevation angles. <i>Applied Ergonomics</i> , 2015, 47, 242-252.	3.1	20
94	The effect of the presence and characteristics of an outlying group on exposureâ€‘outcome associations. <i>Scandinavian Journal of Work, Environment and Health</i> , 2015, 41, 65-74.	3.4	4
95	Statistical Performance of Observational Work Sampling for Assessment of Categorical Exposure Variables: A Simulation Approach Illustrated Using PATH Data. <i>Annals of Occupational Hygiene</i> , 2014, 58, 294-316.	1.9	6
96	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.	2.1	15
97	Musculoskeletal health and work ability in physically demanding occupations: study protocol for a prospective field study on construction and health care workers. <i>BMC Public Health</i> , 2014, 14, 1075.	2.9	29
98	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.	2.0	31
99	Can Cognitive Activities during Breaks in Repetitive Manual Work Accelerate Recovery from Fatigue? A Controlled Experiment. <i>PLoS ONE</i> , 2014, 9, e112090.	2.5	33
100	Cost-efficient assessment of biomechanical exposure in occupational groups, exemplified by posture observation and inclinometry. <i>Scandinavian Journal of Work, Environment and Health</i> , 2014, 40, 252-265.	3.4	39
101	Cluster-based exposure variation analysis. <i>BMC Medical Research Methodology</i> , 2013, 13, 54.	3.1	7
102	Sitâ€‘stand desks in call centres: Associations of use and ergonomics awareness with sedentary behavior. <i>Applied Ergonomics</i> , 2013, 44, 517-522.	3.1	96
103	Assessment of time patterns of activity and rest in full-shift recordings of trapezius muscle activity â€‘ Effects of the data processing procedure. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 540-547.	1.7	19
104	Efficient assessment of exposure to manual lifting using company data. <i>Applied Ergonomics</i> , 2013, 44, 360-365.	3.1	11
105	Cost-efficient measurement strategies for posture observations based on video recordings. <i>Applied Ergonomics</i> , 2013, 44, 609-617.	3.1	32
106	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.	3.5	17
107	Patterning of children's sedentary time at and away from school. <i>Obesity</i> , 2013, 21, E131-3.	3.0	56
108	Data processing costs for three posture assessment methods. <i>BMC Medical Research Methodology</i> , 2013, 13, 124.	3.1	16



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109	Motor variability – an important issue in occupational life. <i>Work</i> , 2012, 41, 2527-2534.	1.1	13
110	Variation of force amplitude and its effects on local fatigue. <i>European Journal of Applied Physiology</i> , 2012, 112, 3865-3879.	2.5	39
111	Cost efficiency comparison of four video-based techniques for assessing upper arm postures. <i>Ergonomics</i> , 2012, 55, 350-360.	2.1	34
112	Temporal strategy and performance during a fatiguing short-cycle repetitive task. <i>Ergonomics</i> , 2012, 55, 863-873.	2.1	22
113	Variation between seated and standing/walking postures among male and female call centre operators. <i>BMC Public Health</i> , 2012, 12, 154.	2.9	80
114	Concurrent cognitive task may improve motor work performance and reduce muscle fatigue. <i>Work</i> , 2012, 41, 2893-2896.	1.1	11
115	Data collection costs in industrial environments for three occupational posture exposure assessment methods. <i>BMC Medical Research Methodology</i> , 2012, 12, 89.	3.1	31
116	Accuracy and precision of variance components in occupational posture recordings: a simulation study of different data collection strategies. <i>BMC Medical Research Methodology</i> , 2012, 12, 58.	3.1	15
117	Bias and imprecision in posture percentile variables estimated from short exposure samples. <i>BMC Medical Research Methodology</i> , 2012, 12, 36.	3.1	12
118	Motor variability in occupational health and performance. <i>Clinical Biomechanics</i> , 2012, 27, 979-993.	1.2	226
119	The trade-off between meticulousness and methodological variance in normalization of low back EMG. <i>Work</i> , 2012, 41, 2307-2314.	1.1	0
120	Statistical precision of categorical PATH observations of trunk posture. <i>Work</i> , 2012, 41, 5519-5521.	1.1	1
121	Cost-efficient observation of working postures from video recordings – more videos, more observers or more views per observer?. <i>Work</i> , 2012, 41, 2302-2306.	1.1	9
122	Modeling costs of exposure assessment methods in industrial environments. <i>Work</i> , 2012, 41, 6079-6086.	1.1	4
123	Participative development of packages in the food industry – evaluation of ergonomics and productivity by objective measurements. <i>Work</i> , 2012, 41, 1751-1755.	1.1	7
124	Reliability of near-infrared spectroscopy for measuring forearm and shoulder oxygenation in healthy males and females. <i>European Journal of Applied Physiology</i> , 2012, 112, 2703-2715.	2.5	26
125	Diversity of tasks and information technologies used by office workers at and away from work. <i>Ergonomics</i> , 2011, 54, 1017-1028.	2.1	15
126	The effect of work pace on workload, motor variability and fatigue during simulated light assembly work. <i>Ergonomics</i> , 2011, 54, 154-168.	2.1	95



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127	ITKids Part I: Children's occupations and use of information and communication technologies. <i>Work</i> , 2011, 38, 401-412.	1.1	12
128	ITKids Part II: Variation of postures and muscle activity in children using different information and communication technologies. <i>Work</i> , 2011, 38, 413-427.	1.1	17
129	Optimizing cost-efficiency in mean exposure assessment - cost functions reconsidered. <i>BMC Medical Research Methodology</i> , 2011, 11, 76.	3.1	14
130	Theoretical and Empirical Efficiency of Sampling Strategies for Estimating Upper Arm Elevation. <i>Annals of Occupational Hygiene</i> , 2011, 55, 436-49.	1.9	21
131	Explicit and implicit theories of change when designing and implementing preventive ergonomics interventions – a systematic literature review. <i>Scandinavian Journal of Work, Environment and Health</i> , 2011, 37, 363-375.	3.4	19
132	Muscle contraction force and fatigue. <i>NeuroReport</i> , 2010, 21, 1152-1156.	1.2	6
133	The ability of limited exposure sampling to detect effects of interventions that reduce the occurrence of pronounced trunk inclination. <i>Applied Ergonomics</i> , 2010, 41, 295-304.	3.1	36
134	Cost-Efficient Design of Occupational Exposure Assessment Strategies – A Review. <i>Annals of Occupational Hygiene</i> , 2010, 54, 858-68.	1.9	24
135	Influence of three principles of pacing on the temporal organisation of work during cyclic assembly and disassembly tasks. <i>Ergonomics</i> , 2010, 53, 1347-1358.	2.1	35
136	Upper Arm Postures and Movements in Female Hairdressers across Four Full Working Days. <i>Annals of Occupational Hygiene</i> , 2010, 54, 584-94.	1.9	56
137	Systematic evaluation of observational methods assessing biomechanical exposures at work. <i>Scandinavian Journal of Work, Environment and Health</i> , 2010, 36, 3-24.	3.4	414
138	Differences in muscle load between computer and non-computer work among office workers. <i>Ergonomics</i> , 2009, 52, 1540-1555.	2.1	32
139	Methodological variance associated with normalization of occupational upper trapezius EMG using sub-maximal reference contractions. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, 416-427.	1.7	51
140	Increased physical work loads in modern work – a necessity for better health and performance?. <i>Ergonomics</i> , 2009, 52, 1215-1225.	2.1	162
141	Changes in the degree of motor variability associated with experimental and chronic neck/shoulder pain during a standardised repetitive arm movement. <i>Experimental Brain Research</i> , 2008, 185, 689-698.	1.5	161
142	Neck postures in air traffic controllers with and without neck/shoulder disorders. <i>Applied Ergonomics</i> , 2008, 39, 255-260.	3.1	21
143	The size of cycle-to-cycle variability in biomechanical exposure among butchers performing a standardised cutting task. <i>Ergonomics</i> , 2008, 51, 1078-1095.	2.1	95
144	Time – A key issue for musculoskeletal health and manufacturing. <i>Applied Ergonomics</i> , 2007, 38, 733-744.	3.1	98

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145	Production system design elements influencing productivity and ergonomics. <i>International Journal of Operations and Production Management</i> , 2006, 26, 904-923.	5.9	92
146	Precision of measurements of physical workload during standardised manual handling. Part II: Inclinometry of head, upper back, neck and upper arms. <i>Journal of Electromyography and Kinesiology</i> , 2006, 16, 125-136.	1.7	108
147	Observer reliability of industrial activity analysis based on video recordings. <i>International Journal of Industrial Ergonomics</i> , 2006, 36, 275-282.	2.6	28
148	Changes in physical workload with implementation of mouse-based information technology in air traffic control. <i>International Journal of Industrial Ergonomics</i> , 2006, 36, 613-622.	2.6	52
149	Diversity and variation in biomechanical exposure: What is it, and why would we like to know?. <i>Applied Ergonomics</i> , 2006, 37, 419-427.	3.1	264
150	On the evolution of task-based analysis of manual materials handling, and its applicability in contemporary ergonomics. <i>Applied Ergonomics</i> , 2006, 37, 33-43.	3.1	54
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