

Jack T Dennerlein

List of Publications by Year in descending order

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Version: 2024-02-01

213
papers

6,333
citations

57758

44
h-index

102487

66
g-index

223
all docs

223
docs citations

223
times ranked

5048
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of a new seat suspension system on whole body vibration exposure and driver low back pain and disability: Results from a randomized controlled trial in truck drivers. <i>Applied Ergonomics</i> , 2022, 98, 103588.	3.1	2
2	Work and worker health in the post-pandemic world: a public health perspective. <i>Lancet Public Health</i> , The, 2022, 7, e188-e194.	10.0	66
3	Evaluation of vertical and multi-axial suspension seats for reducing vertical-dominant and multi-axial whole body vibration and associated neck and low back joint torque and muscle activity. <i>Ergonomics</i> , 2022, 65, 1696-1710.	2.1	1
4	The future of research on work, safety, health and wellbeing: A guiding conceptual framework. <i>Social Science and Medicine</i> , 2021, 269, 113593.	3.8	80
5	Building Capacity for Integrated Occupational Safety, Health, and Well-Being Initiatives Using Guidelines for Total Worker Health® Approaches. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, 411-421.	1.7	7
6	Development and application of an innovative instrument to assess work environment factors for injury prevention in the food service industry. <i>Work</i> , 2021, 68, 641-651.	1.1	2
7	Associations Between Work-Related Factors and Psychological Distress Among Construction Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, 1052-1057.	1.7	9
8	Working Conditions Influencing Drivers'™ Safety and Well-Being in the Transportation Industry: 'On Board' Program. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10173.	2.6	13
9	Muscle co-contractions are greater in older adults during walking at self-selected speeds over uneven compared to even surfaces. <i>Journal of Biomechanics</i> , 2021, 128, 110718.	2.1	3
10	Designing a Participatory Total Worker Health® Organizational Intervention for Commercial Construction Subcontractors to Improve Worker Safety, Health, and Well-Being: The 'ARM for Subs' Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5093.	2.6	18
11	A database of human gait performance on irregular and uneven surfaces collected by wearable sensors. <i>Scientific Data</i> , 2020, 7, 219.	5.3	58
12	Mental Health Stigma and Wellbeing Among Commercial Construction Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2020, 62, e423-e430.	1.7	24
13	Associations between a safety prequalification survey and worker safety experiences on commercial construction sites. <i>American Journal of Industrial Medicine</i> , 2020, 63, 766-773.	2.1	3
14	An Integrative Total Worker Health Framework for Keeping Workers Safe and Healthy During the COVID-19 Pandemic. <i>Human Factors</i> , 2020, 62, 689-696.	3.5	88
15	Knee muscle co-contractions are greater in old compared to young adults during walking and stair use. <i>Gait and Posture</i> , 2019, 73, 315-322.	1.4	14
16	Whole-body vibration and back pain-related work absence among heavy equipment vehicle mining operators. <i>Occupational and Environmental Medicine</i> , 2019, 76, 554-559.	2.8	10
17	Perceived Workplace Health and Safety Climates: Associations With Worker Outcomes and Productivity. <i>American Journal of Preventive Medicine</i> , 2019, 57, 487-494.	3.0	28
18	Going Short: The Effects of Short-Travel Key Switches on Typing Performance, Typing Force, Forearm Muscle Activity, and User Experience. <i>Journal of Applied Biomechanics</i> , 2019, 35, 149-156.	0.8	1

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19	Effect of walking surface, late-cueing, physiological characteristics of aging, and gait parameters on turn style preference in healthy, older adults. <i>Human Movement Science</i> , 2019, 66, 504-510.	1.4	5
20	A training intervention to improve frontline construction leaders' safety leadership practices and overall jobsite safety climate. <i>Journal of Safety Research</i> , 2019, 70, 253-262.	3.6	31
21	Improving Working Conditions to Promote Worker Safety, Health, and Wellbeing for Low-Wage Workers: The Workplace Organizational Health Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1449.	2.6	29
22	Paradoxical Impact of a Patient-Handling Intervention on Injury Rate Disparity Among Hospital Workers. <i>American Journal of Public Health</i> , 2019, 109, 618-625.	2.7	5
23	Testing the associations between leading and lagging indicators in a contractor safety pre-qualification database. <i>American Journal of Industrial Medicine</i> , 2019, 62, 317-324.	2.1	11
24	Classifying Safety Events Related to Diagnostic Imaging From a Safety Reporting System Using a Human Factors Framework. <i>Journal of the American College of Radiology</i> , 2019, 16, 282-288.	1.8	15
25	Evaluation of Multi-axial Active Suspension to Reduce Whole Body Vibration Exposures and Associated Biomechanical Loading in Mining Heavy Equipment Vehicle Operators. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 1034-1039.	0.3	2
26	The Gap Between Tools and Best Practice: An Analysis of Safety Prequalification Surveys in the Construction Industry. <i>New Solutions</i> , 2019, 28, 683-703.	1.2	11
27	The Current State of Surgical Ergonomics Education in U.S. Surgical Training. <i>Annals of Surgery</i> , 2019, 269, 778-784.	4.2	35
28	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
29	Chronic low back pain: a successful intervention for desk-bound workers. <i>Occupational and Environmental Medicine</i> , 2018, 75, 319-320.	2.8	2
30	Correctness of Self-Reported Task Durations: A Systematic Review. <i>Annals of Work Exposures and Health</i> , 2018, 62, 1-16.	1.4	7
31	The Effect of Workforce Mobility on Intervention Effectiveness Estimates. <i>Annals of Work Exposures and Health</i> , 2018, 62, 259-268.	1.4	2
32	Measuring Best Practices for Workplace Safety, Health, and Well-Being. <i>Journal of Occupational and Environmental Medicine</i> , 2018, 60, 430-439.	1.7	65
33	Machine learning algorithms based on signals from a single wearable inertial sensor can detect surface- and age-related differences in walking. <i>Journal of Biomechanics</i> , 2018, 71, 37-42.	2.1	71
34	Tablet form factors and swipe gesture designs affect thumb biomechanics and performance during two-handed use. <i>Applied Ergonomics</i> , 2018, 69, 40-46.	3.1	16
35	Prevalence of Work-Related Musculoskeletal Disorders Among Surgeons and Interventionalists. <i>JAMA Surgery</i> , 2018, 153, e174947.	4.3	274
36	Evaluation of commercially available seat suspensions to reduce whole body vibration exposures in mining heavy equipment vehicle operators. <i>Applied Ergonomics</i> , 2018, 71, 78-86.	3.1	35

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37	Gait adaptations of older adults on an uneven brick surface can be predicted by age-related physiological changes in strength. <i>Gait and Posture</i> , 2018, 61, 257-262.	1.4	32
38	Continuous ambulatory hand force monitoring during manual materials handling using instrumented force shoes and an inertial motion capture suit. <i>Journal of Biomechanics</i> , 2018, 70, 235-241.	2.1	25
39	The effect of a multi-axis suspension on whole body vibration exposures and physical stress in the neck and low back in agricultural tractor applications. <i>Applied Ergonomics</i> , 2018, 68, 80-89.	3.1	50
40	An Inspection Tool and Process to Identify Modifiable Aspects of Acute Care Hospital Patient Care Units to Prevent Work-Related Musculoskeletal Disorders. <i>Workplace Health and Safety</i> , 2018, 66, 144-158.	1.4	5
41	1597bâ€¦Improving employee involvement through safety communication. , 2018, , .		0
42	A Cluster Randomized Controlled Trial of a Total Worker Health® Intervention on Commercial Construction Sites. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2354.	2.6	28
43	Concussion History and Cognitive Function in a Large Cohort of Adolescent Athletes. <i>American Journal of Sports Medicine</i> , 2018, 46, 3262-3270.	4.2	13
44	Ageing may negatively impact movement smoothness during stair negotiation. <i>Human Movement Science</i> , 2018, 60, 78-86.	1.4	17
45	The relationship between organizational policies and practices and work limitations among hospital patient care workers. <i>American Journal of Industrial Medicine</i> , 2018, 61, 691-698.	2.1	3
46	A Randomized Controlled Trial of a Truck Seat Intervention: Part 1â€”Assessment of Whole Body Vibration Exposures. <i>Annals of Work Exposures and Health</i> , 2018, 62, 990-999.	1.4	17
47	A Randomized Controlled Trial of a Truck Seat Intervention: Part 2â€”Associations Between Whole-Body Vibration Exposures and Health Outcomes. <i>Annals of Work Exposures and Health</i> , 2018, 62, 1000-1011.	1.4	13
48	Late-cueing of gait tasks on an uneven brick surface impacts coordination and center of mass control in older adults. <i>Gait and Posture</i> , 2018, 65, 143-148.	1.4	8
49	Cohort profile: The Boston Hospital Workers Health Study (BHWHS). <i>International Journal of Epidemiology</i> , 2018, 47, 1739-1740g.	1.9	8
50	Assessing information sources to elucidate diagnostic process errors in radiologic imaging â€” a human factors framework. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 1507-1515.	4.4	8
51	Expertise, credibility of system forecasts and integration methods in judgmental demand forecasting. <i>International Journal of Forecasting</i> , 2017, 33, 298-313.	6.5	40
52	Associations between trunk flexion and physical activity of patient care workers for a single shift: A pilot study. <i>Work</i> , 2017, 56, 247-255.	1.1	12
53	Evaluating biomechanics of user-selected sitting and standing computer workstation. <i>Applied Ergonomics</i> , 2017, 65, 382-388.	3.1	32
54	Lifting and exertion injuries decrease after implementation of an integrated hospital-wide safe patient handling and mobilisation programme. <i>Occupational and Environmental Medicine</i> , 2017, 74, 336-343.	2.8	27

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55	Nurses' but not supervisors' safety practices are linked with job satisfaction. <i>Journal of Nursing Management</i> , 2017, 25, 491-497.	3.4	12
56	An Ergonomic Assessment of Hospital Linen Bag Handling. <i>New Solutions</i> , 2017, 27, 210-224.	1.2	1
57	Outcomes of safe patient handling and mobilization programs: A meta-analysis. <i>Work</i> , 2017, 58, 173-184.	1.1	35
58	Assessment of Whole-Body Vibration Exposure in Mining Earth-moving Equipment and Other Vehicles Used in Surface Mining. <i>Annals of Work Exposures and Health</i> , 2017, 61, 669-680.	1.4	37
59	Job rotation designed to prevent musculoskeletal disorders and control risk in manufacturing industries: A systematic review. <i>Applied Ergonomics</i> , 2017, 58, 386-397.	3.1	100
60	Index finger and thumb kinematics and performance measurements for common touchscreen gestures. <i>Applied Ergonomics</i> , 2017, 58, 176-181.	3.1	18
61	Ergonomics and Musculoskeletal Issues. , 2017, , 577-584.		1
62	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
63	Whole Body Vibration Exposures and Health Status among Professional Truck Drivers: A Cross-sectional Analysis. <i>Annals of Occupational Hygiene</i> , 2016, 60, 936-948.	1.9	34
64	Implementing an Integrated Health Protection/Health Promotion Intervention in the Hospital Setting. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 185-194.	1.7	30
65	The Comparisons of Whole Body Vibration Exposures and Supporting Musculature Loading between Single- and Multi-axial Suspension Seats during Agricultural Tractor Operation. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 923-927.	0.3	1
66	Effects of Epinephrine Auto-Injector Shape and Size on Human Factors Influencing Drug Delivery. <i>Human Factors</i> , 2016, 58, 1020-1030.	3.5	2
67	A Psychophysical Protocol to Develop Ergonomic Recommendations for Sitting and Standing Workstations. <i>Human Factors</i> , 2016, 58, 574-585.	3.5	11
68	Influence of Speed in Whole Body Vibration Exposure in Heavy Equipment Mining Vehicles. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 919-922.	0.3	3
69	Cross-sectional Analysis of Whole Body Vibration Exposures and Health Status among Long-haul Truck Drivers. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 928-932.	0.3	3
70	Integrating worksite health protection and health promotion: A conceptual model for intervention and research. <i>Preventive Medicine</i> , 2016, 91, 188-196.	3.4	106
71	Effectiveness of workplace interventions in the prevention of upper extremity musculoskeletal disorders and symptoms: an update of the evidence. <i>Occupational and Environmental Medicine</i> , 2016, 73, 62-70.	2.8	211
72	Estimating 3D L5/S1 moments and ground reaction forces during trunk bending using a full-body ambulatory inertial motion capture system. <i>Journal of Biomechanics</i> , 2016, 49, 904-912.	2.1	62

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73	Two-handed grip on a mobile phone affords greater thumb motor performance, decreased variability, and a more extended thumb posture than a one-handed grip. <i>Applied Ergonomics</i> , 2016, 52, 24-28.	3.1	31
74	Improving safety climate through a communication and recognition program for construction: a mixed methods study. <i>Scandinavian Journal of Work, Environment and Health</i> , 2016, 42, 329-337.	3.4	19
75	The state of ergonomics for mobile computing technology. <i>Work</i> , 2015, 52, 269-277.	1.1	29
76	Development of a Safety Communication and Recognition Program for Construction. <i>New Solutions</i> , 2015, 25, 42-58.	1.2	11
77	Length of time spent working on a commercial construction site and the associations with worker characteristics. <i>American Journal of Industrial Medicine</i> , 2015, 58, 964-973.	2.1	9
78	A Psychophysical Protocol to Provide Ergonomic Recommendations for Standing Computer Workstation Setup. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2015, 59, 1288-1290.	0.3	0
79	Whole Body Vibration Exposures in Long-haul Truck Drivers. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2015, 59, 1274-1278.	0.3	6
80	Patterns of Forearm Muscle Activity and Task Parameters Change During a Repetitive Sub-Maximum Forceful Wrist Flexion Task. <i>IIE Transactions on Occupational Ergonomics and Human Factors</i> , 2015, 3, 236-245.	0.4	0
81	Extrinsic and Intrinsic Index Finger Muscle Attachments in an OpenSim Upper-Extremity Model. <i>Annals of Biomedical Engineering</i> , 2015, 43, 937-948.	2.5	12
82	Age-related differences in inter-joint coordination during stair walking transitions. <i>Gait and Posture</i> , 2015, 42, 152-157.	1.4	29
83	Physical Activity Levels at Work and Outside of Work Among Commercial Construction Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, 73-78.	1.7	33
84	Development and validation of a fatigue assessment scale for U.S. construction workers. <i>American Journal of Industrial Medicine</i> , 2015, 58, 220-228.	2.1	42
85	Office workers with high effort“reward imbalance and overcommitment have greater decreases in heart rate variability over a 2-h working period. <i>International Archives of Occupational and Environmental Health</i> , 2015, 88, 565-575.	2.3	20
86	Evaluating the effect of four different pointing device designs on upper extremity posture and muscle activity during mousing tasks. <i>Applied Ergonomics</i> , 2015, 47, 259-264.	3.1	26
87	Finger Muscle Attachments for an OpenSim Upper-Extremity Model. <i>PLoS ONE</i> , 2015, 10, e0121712.	2.5	14
88	A Data-Driven Design Evaluation Tool for Handheld Device Soft Keyboards. <i>PLoS ONE</i> , 2014, 9, e107070.	2.5	6
89	A comparison of upper body kinematics and muscle activation between sit and stand computer workstation configuration. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014, 58, 1451-1455.	0.3	1
90	Prediction of trapezius muscle activity and shoulder, head, neck, and torso postures during computer use: results of a field study. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 292.	1.9	9

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91	Worker assessments of organizational practices and psychosocial work environment are associated with musculoskeletal injuries in hospital patient care workers. <i>American Journal of Industrial Medicine</i> , 2014, 57, 810-818.	2.1	16
92	Impact of Organizational Policies and Practices on Workplace Injuries in a Hospital Setting. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 802-808.	1.7	26
93	Anaphylaxis Treatment: Ergonomics of Epinephrine Autoinjector Design. <i>American Journal of Medicine</i> , 2014, 127, S12-S16.	1.5	5
94	Association between perceived inadequate staffing and musculoskeletal pain among hospital patient care workers. <i>International Archives of Occupational and Environmental Health</i> , 2014, 87, 323-330.	2.3	17
95	Office workers' computer use patterns are associated with workplace stressors. <i>Applied Ergonomics</i> , 2014, 45, 1660-1667.	3.1	21
96	Construction workers working in musculoskeletal pain and engaging in leisure-time physical activity: Findings from a mixed-methods pilot study. <i>American Journal of Industrial Medicine</i> , 2014, 57, 819-825.	2.1	13
97	Effects of forearm and palm supports on the upper extremity during computer mouse use. <i>Applied Ergonomics</i> , 2014, 45, 564-570.	3.1	21
98	Joint Contribution to Fingertip Movement During a Number Entry Task: An Application of Jacobian Matrix. <i>Journal of Applied Biomechanics</i> , 2014, 30, 338-342.	0.8	3
99	Sit/stand workstation configuration affects upper extremity posture, muscle load and variability during computer mouse use. , 2014, , .		1
100	The effects of workplace stressors on muscle activity in the neck-shoulder and forearm muscles during computer work: a systematic review and meta-analysis. <i>European Journal of Applied Physiology</i> , 2013, 113, 2897-2912.	2.5	42
101	A novel method for assessing the 3-D orientation accuracy of inertial/magnetic sensors. <i>Journal of Biomechanics</i> , 2013, 46, 2745-2751.	2.1	49
102	Correlation between safety climate and contractor safety assessment programs in construction. <i>American Journal of Industrial Medicine</i> , 2013, 56, 1463-1472.	2.1	24
103	Lifting style and participant's sex do not affect optimal inertial sensor location for ambulatory assessment of trunk inclination. <i>Journal of Biomechanics</i> , 2013, 46, 1027-1030.	2.1	18
104	Wrist posture affects hand and forearm muscle stress during tapping. <i>Applied Ergonomics</i> , 2013, 44, 969-976.	3.1	14
105	Using electrical stimulation to measure physiological changes in the human extensor carpi ulnaris muscle after prolonged low-level repetitive ulnar deviation. <i>Applied Ergonomics</i> , 2013, 44, 35-41.	3.1	14
106	Determining safety inspection thresholds for employee incentives programs on construction sites. <i>Safety Science</i> , 2013, 51, 77-84.	4.9	32
107	Estimating dynamic external hand forces during manual materials handling based on ground reaction forces and body segment accelerations. <i>Journal of Biomechanics</i> , 2013, 46, 2736-2740.	2.1	10
108	Association between work-family conflict and musculoskeletal pain among hospital patient care workers. <i>American Journal of Industrial Medicine</i> , 2013, 56, 488-495.	2.1	48

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109	Psychosocial Stress and Multi-Site Musculoskeletal Pain. <i>Workplace Health and Safety</i> , 2013, 61, 117-125.	1.4	37
110	Physical Activity at Work Contributes Little to Patient Care Workers' Weekly Totals. <i>Journal of Occupational and Environmental Medicine</i> , 2013, 55, S63-S68.	1.7	19
111	Integration of Health Protection and Health Promotion. <i>Journal of Occupational and Environmental Medicine</i> , 2013, 55, S12-S18.	1.7	85
112	Results of a Pilot Intervention to Improve Health and Safety for Health Care Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2013, 55, 1449-1455.	1.7	29
113	The effect of overcommitment and reward on trapezius muscle activity and shoulder, head, neck, and torso postures during computer use in the field. <i>American Journal of Industrial Medicine</i> , 2013, 56, 1190-1200.	2.1	22
114	Gestural Workspaces for Computer Interaction. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 424-428.	0.3	5
115	Lusk et al. Respond. <i>American Journal of Public Health</i> , 2013, 103, e8-e8.	2.7	0
116	Bicycle Guidelines and Crash Rates on Cycle Tracks in the United States. <i>American Journal of Public Health</i> , 2013, 103, 1240-1248.	2.7	52
117	Construction Workers Struggle With a High Prevalence of Mental Distress, and This Is Associated With Their Pain and Injuries. <i>Journal of Occupational and Environmental Medicine</i> , 2013, 55, 1197-1204.	1.7	68
118	Wrist and shoulder posture and muscle activity during touch-screen tablet use: Effects of usage configuration, tablet type, and interacting hand. <i>Work</i> , 2013, 45, 59-71.	1.1	67
119	Tablet Keyboard Configuration Affects Performance, Discomfort and Task Difficulty for Thumb Typing in a Two-Handed Grip. <i>PLoS ONE</i> , 2013, 8, e67525.	2.5	29
120	Psychosocial Stress and Multi-site Musculoskeletal Pain: A Cross-sectional Survey of Patient Care Workers. <i>Workplace Health and Safety</i> , 2013, 61, 117-125.	1.4	28
121	The effect of overcommitment and reward on muscle activity, posture, and forces in the arm-wrist-hand region – a field study among computer workers. <i>Scandinavian Journal of Work, Environment and Health</i> , 2013, 39, 379-389.	3.4	21
122	Testing a better recognition tool. <i>Occupational Health & Safety</i> , 2013, 82, 42, 44, 46.	0.0	0
123	Thumb Motor Performance Varies by Movement Orientation, Direction, and Device Size During Single-Handed Mobile Phone Use. <i>Human Factors</i> , 2012, 54, 52-59.	3.5	46
124	Observed differences in upper extremity forces, muscle efforts, postures, velocities and accelerations across computer activities in a field study of office workers. <i>Ergonomics</i> , 2012, 55, 670-681.	2.1	39
125	Estimating 3-D L5/S1 Moments During Manual Lifting Using a Video Coding System. <i>Human Factors</i> , 2012, 54, 1053-1065.	3.5	7
126	The effects of psychosocial factors on trapezius muscle activity levels during computer use. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012, 56, 1123-1127.	0.3	0

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127	Association between Trunk Flexion and Physical Activity in Patient Care Unit Workers. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 1188-1191.	0.3	2
128	Thumb Motor Performance is Greater for Two-Handed Grip Compared to Single-Handed Grip on a Mobile Phone. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 1887-1891.	0.3	4
129	Relationship of Sleep Deficiency to Perceived Pain and Functional Limitations in Hospital Patient Care Workers. Journal of Occupational and Environmental Medicine, 2012, 54, 851-858.	1.7	51
130	Touch-screen tablet user configurations and case-supported tilt affect head and neck flexion angles. Work, 2012, 41, 81-91.	1.1	141
131	A Single Video Camera Postural Assessment System to Measure Rotation of the Shoulder During Computer Use. Journal of Applied Biomechanics, 2012, 28, 343-348.	0.8	8
132	Musculoskeletal Pain and Psychological Distress in Hospital Patient Care Workers. Journal of Occupational Rehabilitation, 2012, 22, 503-510.	2.2	26
133	Variance in direct exposure measures of typing force and wrist kinematics across hours and days among office computer workers. Ergonomics, 2012, 55, 874-884.	2.1	3
134	A force plate based method for the calibration of force/torque sensors. Journal of Biomechanics, 2012, 45, 1332-1338.	2.1	25
135	Thumb motor performance varies with thumb and wrist posture during single-handed mobile phone use. Journal of Biomechanics, 2012, 45, 2349-2354.	2.1	62
136	Developing a Framework for Predicting Upper Extremity Muscle Activities, Postures, Velocities, and Accelerations During Computer Use: The Effect of Keyboard Use, Mouse Use, and Individual Factors on Physical Exposures. Journal of Occupational and Environmental Hygiene, 2012, 9, 691-698.	1.0	6
137	Occupational Injuries for Consecutive and Cumulative Shifts Among Hospital Registered Nurses and Patient Care Associates: A Case-Control Study. Workplace Health and Safety, 2012, 60, 437-444.	1.4	27
138	Assessing manual lifting tasks based on segment angle interpolations. Work, 2012, 41, 2360-2363.	1.1	0
139	A novel wearable measurement system for ambulatory assessment of joint loading in the occupational setting. Work, 2012, 41, 5527-5528.	1.1	1
140	Examination of computer task exposures in radiologists: a work systems approach. Work, 2012, 41, 1818-1820.	1.1	8
141	Estimation of 3-D peak L5/S1 joint moment during asymmetric lifting tasks with cubic spline interpolation of segment Euler angles. Applied Ergonomics, 2012, 43, 115-120.	3.1	5
142	Changes in posture through the use of simple inclines with notebook computers placed on a standard desk. Applied Ergonomics, 2012, 43, 400-407.	3.1	44
143	Ergonomic practices within patient care units are associated with musculoskeletal pain and limitations. American Journal of Industrial Medicine, 2012, 55, 107-116.	2.1	51
144	Balance control during lateral load transfers over a slippery surface. Ergonomics, 2011, 54, 1060-1071.	2.1	12

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145	The Validity and Interrater Reliability of Video-Based Posture Observation During Asymmetric Lifting Tasks. <i>Human Factors</i> , 2011, 53, 371-382.	3.5	23
146	Biomechanical loading on the upper extremity increases from single key tapping to directional tapping. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 587-594.	1.7	14
147	The Role of the Work Context in Multiple Wellness Outcomes for Hospital Patient Care Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2011, 53, 899-910.	1.7	62
148	Is renovation riskier than new construction? An observational comparison of risk factors for stepladder-related falls. <i>American Journal of Industrial Medicine</i> , 2011, 54, 579-585.	2.1	6
149	Risk of injury for bicycling on cycle tracks versus in the street. <i>Injury Prevention</i> , 2011, 17, 131-135.	2.4	176
150	Evaluating whole-body vibration reduction by comparison of active and passive suspension seats in semi-trucks. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2011, 55, 1750-1754.	0.3	11
151	Does elevating and tilting the input device support surface affect typing force and postural exposures of the wrist?. <i>Work</i> , 2011, 39, 187-193.	1.1	9
152	The Upper Extremity Loading during Typing Using One, Two and Three Fingers. <i>Lecture Notes in Computer Science</i> , 2011, , 178-185.	1.3	0
153	Postural Observation of Shoulder Flexion during Asymmetric Lifting Tasks. <i>Lecture Notes in Computer Science</i> , 2011, , 228-230.	1.3	0
154	Systematic Review of the Role of Occupational Health and Safety Interventions in the Prevention of Upper Extremity Musculoskeletal Symptoms, Signs, Disorders, Injuries, Claims and Lost Time. <i>Journal of Occupational Rehabilitation</i> , 2010, 20, 127-162.	2.2	131
155	Association between psychosocial factors and musculoskeletal symptoms among Iranian nurses. <i>American Journal of Industrial Medicine</i> , 2010, 53, 1032-1039.	2.1	75
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