

Jay M Kapellusch

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,467
citations

331259

21
h-index

329751

37
g-index

49
all docs

49
docs citations

49
times ranked

1346
citing authors

#	ARTICLE	IF	CITATIONS
1	Hand Posture and Force Estimation Using Surface Electromyography and an Artificial Neural Network. <i>Human Factors</i> , 2023, 65, 382-402.	2.1	2
2	Occupational risk factors for work disability following carpal tunnel syndrome: a pooled prospective study. <i>Occupational and Environmental Medicine</i> , 2022, 79, 442-451.	1.3	11
3	Validation of the Revised Strain Index for Predicting Risk of Incident Carpal Tunnel Syndrome in a Prospective Cohort. <i>Ergonomics</i> , 2021, 64, 1369-1378.	1.1	4
4	Modeling the Effect of the 2018 Revised ACGIH® Hand Activity Threshold Limit Value® (TLV) at Reducing Risk for Carpal Tunnel Syndrome. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, 628-633.	0.4	24
5	Between-side differences in hand-grip strength across the age span: Findings from 2011–2014 NHANES and 2011 NIH Toolbox studies. <i>Laterality</i> , 2019, 24, 697-706.	0.5	10
6	Medium-term effects of a two-desk sit/stand workstation on cognitive performance and workload for healthy people performing sedentary work: a secondary analysis of a randomised controlled trial. <i>Ergonomics</i> , 2019, 62, 794-810.	1.1	15
7	Recent findings from the Upper Limb Consortium Study: new approaches to risk assessment and additional health outcomes. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 948-954.	0.2	0
8	Global rating of change: perspectives of patients with lumbar impairments and of their physical therapists. <i>Physiotherapy Theory and Practice</i> , 2019, 35, 851-859.	0.6	6
9	Summary of grip strength measurements obtained in the 2011-2012 and 2013-2014 National Health and Nutrition Examination Surveys. <i>Journal of Hand Therapy</i> , 2019, 32, 489-496.	0.7	23
10	Effect of alternating postures on cognitive performance for healthy people performing sedentary work. <i>Ergonomics</i> , 2018, 61, 778-795.	1.1	18
11	Incident CTS in a large pooled cohort study: associations obtained by a Job Exposure Matrix versus associations obtained from observed exposures. <i>Occupational and Environmental Medicine</i> , 2018, 75, 501-506.	1.3	21
12	Assessing manual dexterity: Comparing the WorkAbility Rate of Manipulation Test with the Minnesota Manual Dexterity Test. <i>Journal of Hand Therapy</i> , 2018, 31, 339-347.	0.7	27
13	Risk assessments using the Strain Index and the TLV for HAL, Part II: Multi-task jobs and prevalence of CTS. <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, 157-166.	0.4	4
14	Association between wrist ratio and carpal tunnel syndrome: Effect modification by body mass index. <i>Muscle and Nerve</i> , 2017, 56, 1047-1053.	1.0	13
15	Association between Epicondylitis and Cardiovascular Risk Factors in Pooled Occupational Cohorts. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 227.	0.8	8
16	Risk assessments using the Strain Index and the TLV for HAL, Part I: Task and multi-task job exposure classifications. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 1011-1019.	0.4	7
17	The Composite Strain Index (COSI) and Cumulative Strain Index (CUSI): methodologies for quantifying biomechanical stressors for complex tasks and job rotation using the Revised Strain Index. <i>Ergonomics</i> , 2017, 60, 1033-1041.	1.1	24
18	The Revised Strain Index: an improved upper extremity exposure assessment model. <i>Ergonomics</i> , 2017, 60, 912-922.	1.1	69

#	ARTICLE	IF	CITATIONS
19	Estimating and Interpreting Effects from Nonlinear Exposure-Response Curves in Occupational Cohorts Using Truncated Power Basis Expansions and Penalized Splines. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-16.	0.7	8
20	Association Between Cardiovascular Risk Factors and Carpal Tunnel Syndrome in Pooled Occupational Cohorts. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 87-93.	0.9	13
21	Psychosocial Factors Related to Lateral and Medial Epicondylitis. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 588-593.	0.9	10
22	Biomechanical and psychosocial exposures are independent risk factors for carpal tunnel syndrome: assessment of confounding using causal diagrams. <i>Occupational and Environmental Medicine</i> , 2016, 73, oemed-2016-103634.	1.3	29
23	Effect of a novel two-desk sit-to-stand workplace (ACTIVE OFFICE) on sitting time, performance and physiological parameters: protocol for a randomized control trial. <i>BMC Public Health</i> , 2016, 16, 578.	1.2	11
24	Impact of Work Organizational Factors on Carpal Tunnel Syndrome and Epicondylitis. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 760-764.	0.9	10
25	The Cumulative Lifting Index (CULI) for the Revised NIOSH Lifting Equation. <i>Human Factors</i> , 2016, 58, 683-694.	2.1	24
26	Relationships between job organisational factors, biomechanical and psychosocial exposures. <i>Ergonomics</i> , 2016, 59, 179-194.	1.1	43
27	Exposure-Response Relationships for Force and Repetition, and CTS. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2015, 59, 11-15.	0.2	2
28	Variable definitions and distributions of exposure data from a consortium study on Carpal Tunnel Syndrome. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2015, 59, 1239-1242.	0.2	0
29	Associations between workplace factors and carpal tunnel syndrome: A multi-site cross sectional study. <i>American Journal of Industrial Medicine</i> , 2015, 58, 509-518.	1.0	30
30	Associations between Distal Upper Extremity Job Physical Factors and Psychosocial Measures in a Pooled Study. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	10
31	General Population Job Exposure Matrix Applied to a Pooled Study of Prevalent Carpal Tunnel Syndrome. <i>American Journal of Epidemiology</i> , 2015, 181, 431-439.	1.6	33
32	Associations between job physical and psychosocial factors in a pooled study. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2015, 59, 1229-1233.	0.2	1
33	Dexterity as measured with the 9-Hole Peg Test (9-HPT) across the age span. <i>Journal of Hand Therapy</i> , 2015, 28, 53-60.	0.7	101
34	Personal and Workplace Factors and Median Nerve Function in a Pooled Study of 2396 US Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, 98-104.	0.9	18
35	Biomechanical risk factors for carpal tunnel syndrome: a pooled study of 2474 workers. <i>Occupational and Environmental Medicine</i> , 2015, 72, 33-41.	1.3	127
36	Developing a pooled job physical exposure data set from multiple independent studies: an example of a consortium study of carpal tunnel syndrome. <i>Occupational and Environmental Medicine</i> , 2015, 72, 130-137.	1.3	21

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37	Exposureâ€“response relationships for the ACGIH threshold limit value for hand-activity level: results from a pooled data study of carpal tunnel syndrome. <i>Scandinavian Journal of Work, Environment and Health</i> , 2014, 40, 610-620.	1.7	47
38	The Strain Index and <scp>TLV</scp> for <scp>HAL</scp>: Risk of lateral epicondylitis in a prospective cohort. <i>American Journal of Industrial Medicine</i> , 2014, 57, 286-302.	1.0	38
39	Effects of Varying Case Definition on Carpal Tunnel Syndrome Prevalence Estimates in a Pooled Cohort. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 2320-2326.	0.5	38
40	The Strain Index and ACGIH TLV for HAL. <i>Human Factors</i> , 2014, 56, 98-111.	2.1	27
41	Psychophysical basis for maximum pushing and pulling forces: A review andÂ recommendations. <i>International Journal of Industrial Ergonomics</i> , 2014, 44, 281-291.	1.5	37
42	Personal and workplace psychosocial risk factors for carpal tunnel syndrome: a pooled study cohort. <i>Occupational and Environmental Medicine</i> , 2013, 70, 529-537.	1.3	88
43	Pooling job physical exposure data from multiple independent studies in a consortium study of carpal tunnel syndrome. <i>Ergonomics</i> , 2013, 56, 1021-1037.	1.1	32
44	The Impact of Gender on Personal, Health and Workplace Psychosocial Risk Factors for Carpal Tunnel Syndrome. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 911-914.	0.2	2
45	The impact of gender on personal, health and workplace psychosocial risk factors for carpal tunnel syndrome. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 2167-2170.	0.2	0
46	Prevalence and incidence of carpal tunnel syndrome in US working populations: pooled analysis of six prospective studies. <i>Scandinavian Journal of Work, Environment and Health</i> , 2013, 39, 495-505.	1.7	246
47	The WISTAH hand study: A prospective cohort study of distal upper extremity musculoskeletal disorders. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 90.	0.8	36
48	Job Analysis Techniques for Distal Upper Extremity Disorders. <i>Reviews of Human Factors and Ergonomics</i> , 2011, 7, 149-196.	0.5	33
49	Applications of biomechanics for prevention of work-related musculoskeletal disorders. <i>Ergonomics</i> , 2009, 52, 36-59.	1.1	66