

Stephen S Bao

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,323
citations

331670

21
h-index

345221

36
g-index

41
all docs

41
docs citations

41
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomechanical risk factors for carpal tunnel syndrome: a pooled study of 2474 workers. <i>Occupational and Environmental Medicine</i> , 2015, 72, 33-41.	2.8	127
2	Rotator Cuff Syndrome: Personal, Work-Related Psychosocial and Physical Load Factors. <i>Journal of Occupational and Environmental Medicine</i> , 2008, 50, 1062-1076.	1.7	100
3	Estimation of hand force in ergonomic job evaluations. <i>Ergonomics</i> , 2005, 48, 288-301.	2.1	93
4	Gender adjustment or stratification in discerning upper extremity musculoskeletal disorder risk?. <i>Scandinavian Journal of Work, Environment and Health</i> , 2009, 35, 113-126.	3.4	86
5	Natural course of nontraumatic rotator cuff tendinitis and shoulder symptoms in a working population. <i>Scandinavian Journal of Work, Environment and Health</i> , 2006, 32, 99-108.	3.4	82
6	Quantitative exposure-response relations between physical workload and prevalence of lateral epicondylitis in a working population. <i>American Journal of Industrial Medicine</i> , 2009, 52, 479-490.	2.1	75
7	The natural course of carpal tunnel syndrome in a working population. <i>Scandinavian Journal of Work, Environment and Health</i> , 2010, 36, 384-393.	3.4	72
8	Interrater Reliability of Posture Observations. <i>Human Factors</i> , 2009, 51, 292-309.	3.5	68
9	Exposure-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.	3.4	47
10	Reliability and Validity Assessment of the Hand Activity Level Threshold Limit Value and Strain Index Using Expert Ratings of Mono-Task Jobs. <i>Journal of Occupational and Environmental Hygiene</i> , 2008, 5, 250-257.	1.0	43
11	Relationships between job organisational factors, biomechanical and psychosocial exposures. <i>Ergonomics</i> , 2016, 59, 179-194.	2.1	43
12	The Association Between Combination of Hand Force and Forearm Posture and Incidence of Lateral Epicondylitis in a Working Population. <i>Human Factors</i> , 2014, 56, 151-165.	3.5	41
13	Force measurement in field ergonomics research and application. <i>International Journal of Industrial Ergonomics</i> , 2009, 39, 333-340.	2.6	34
14	Pooling job physical exposure data from multiple independent studies in a consortium study of carpal tunnel syndrome. <i>Ergonomics</i> , 2013, 56, 1021-1037.	2.1	32
15	Psychosocial factors and shoulder symptom development among workers. <i>American Journal of Industrial Medicine</i> , 2009, 52, 57-68.	2.1	30
16	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.	2.1	30
17	Application of the Strain Index in multiple task jobs. <i>Applied Ergonomics</i> , 2009, 40, 56-68.	3.1	29
18	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.	2.8	29

#	ARTICLE	IF	CITATIONS
19	Automation of Workplace Lifting Hazard Assessment for Musculoskeletal Injury Prevention. <i>Annals of Occupational and Environmental Medicine</i> , 2014, 26, 15.	1.0	26
20	An investigation into four different sit-stand workstation use schedules. <i>Ergonomics</i> , 2018, 61, 243-254.	2.1	24
21	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.	1.0	24
22	Prevalence of Musculoskeletal Disorders at Workplaces in the People's Republic of China. <i>International Journal of Occupational Safety and Ergonomics</i> , 2000, 6, 557-574.	1.9	22
23	Are Work-Related Musculoskeletal Disorders Claims Related to Risk Factors in Workplaces of the Manufacturing Industry?. <i>Annals of Work Exposures and Health</i> , 2020, 64, 152-164.	1.4	22
24	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.	2.8	21
25	An electromyography study in three high risk poultry processing jobs. <i>International Journal of Industrial Ergonomics</i> , 2001, 27, 375-385.	2.6	19
26	Predicting work-related incidence of lateral and medial epicondylitis using the strain index. <i>American Journal of Industrial Medicine</i> , 2014, 57, 1319-1330.	2.1	18
27	Reliability of an observational tool to assess the organization of work. <i>International Journal of Industrial Ergonomics</i> , 2009, 39, 260-266.	2.6	15
28	Associations between Distal Upper Extremity Job Physical Factors and Psychosocial Measures in a Pooled Study. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	10
29	Psychosocial Factors Related to Lateral and Medial Epicondylitis. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 588-593.	1.7	10
30	Impact of Work Organizational Factors on Carpal Tunnel Syndrome and Epicondylitis. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 760-764.	1.7	10
31	Mechanical stress. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2015, 131, 367-396.	1.8	9
32	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.	1.0	7
33	Evaluation of an ergonomics intervention among Nicaraguan coffee harvesting workers. <i>Ergonomics</i> , 2013, 56, 166-181.	2.1	6
34	Inter-rater reliability of an inertial measurement unit sensor-based posture-matching method: A pilot study. <i>International Journal of Industrial Ergonomics</i> , 2020, 80, 103025.	2.6	6
35	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.	1.0	4
36	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.	2.1	4

#	ARTICLE	IF	CITATIONS
37	Comparison of two different methods for performing combination analysis of force and posture risk factors in an epidemiological study. <i>Scandinavian Journal of Work, Environment and Health</i> , 2011, 37, 512-524.	3.4	3
38	Reliability and Validity of a Posture Matching Method Using Inertial Measurement Unit-Based Motion Tracking System for Construction Jobs. , 2019, , .		2
39	An Application of a Job Exposure Profile in Work-related Shoulder Disorders Study. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 907-910.	0.3	0
40	Individual differences in Visual Perception and Posture Mimicking in the Inertial Sensor-Based Posture Matching Method for the Upper Extremity. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 841-842.	0.3	0
41	Interaction between physical demands and job strain on musculoskeletal symptoms and work performance. <i>Ergonomics</i> , 2022, , 1-39.	2.1	0