Thomas E Bernard

List of Publications by Year
in descending order

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33 papers	740 citations	516710 16 h-index	552781 26 g-index
34 all docs	34 docs citations	34 times ranked	637 citing authors

#	Article	IF	Citations
1	Prediction of Workplace Wet Bulb Global Temperature. Journal of Occupational and Environmental Hygiene, 1999, 14, 126-134.	0.4	94
2	Rationale for a Personal Monitor for Heat Strain. AIHA Journal, 1994, 55, 505-514.	0.4	69
3	The relationship between outdoor thermal conditions and acute injury in an aluminum smelter. International Journal of Industrial Ergonomics, 2005, 35, 47-55.	2.6	48
4	WBGT Clothing Adjustments for Four Clothing Ensembles Under Three Relative Humidity Levels. Journal of Occupational and Environmental Hygiene, 2005, 2, 251-256.	1.0	47
5	WBGT Clothing Adjustment Factors for Four Clothing Ensembles and the Effects of Metabolic Demands. Journal of Occupational and Environmental Hygiene, 2007, 5, 1-5.	1.0	45
6	Heat strain at the critical WBGT and the effects of gender, clothing and metabolic rate. International Journal of Industrial Ergonomics, 2008, 38, 640-644.	2.6	41
7	Job-Related Osteoarthritis of the Knee, Foot, Hand, and Cervical Spine. Journal of Occupational and Environmental Medicine, 2010, 52, 33-38.	1.7	40
8	Exertional heat illness and acute injury related to ambient wet bulb globe temperature. American Journal of Industrial Medicine, 2016, 59, 1169-1176.	2.1	39
9	Heat Stress and Strain in an Aluminum Smelter. AIHA Journal, 1999, 60, 659-665.	0.4	31
10	Empirical Approach to Outdoor WBGT from Meteorological Data and Performance of Two Different Instrument Designs. Industrial Health, 2013, 51, 79-85.	1.0	28
11	PHYSIOLOGICAL EVALUATION OF LIQUID-BARRIER, VAPOR-PERMEABLE PROTECTIVE CLOTHING ENSEMBLES FOR WORK IN HOT ENVIRONMENTS. AIHA Journal, 1993, 54, 397-402.	0.4	27
12	Apparent evaporative resistance at critical conditions for five clothing ensembles. European Journal of Applied Physiology, 2008, 104, 361-367.	2.5	26
13	Heat Index and Adjusted Temperature as Surrogates for Wet Bulb Globe Temperature to Screen for Occupational Heat Stress. Journal of Occupational and Environmental Hygiene, 2015, 12, 323-333.	1.0	25
14	Heat stress management: Case study in an aluminum smelter. International Journal of Industrial Ergonomics, 1999, 23, 609-620.	2.6	20
15	Estimation of Metabolic Rate Using Qualitative Job Descriptors. AIHA Journal, 1994, 55, 1021-1029.	0.4	19
16	Climate Change and Occupational Heat Problems. Industrial Health, 2013, 51, 1-2.	1.0	19
17	Ability to Discriminate Between Sustainable and Unsustainable Heat Stress Exposuresâ€"Part 1: WBGT Exposure Limits. Annals of Work Exposures and Health, 2017, 61, 611-620.	1.4	17
18	Thermal Characteristics of Clothing Ensembles for Use in Heat Stress Analysis. AIHA Journal, 1999, 60, 32-37.	0.4	16

#	Article	IF	Citations
19	Heat stress and protective clothing: an emerging approach from the United States. Annals of Occupational Hygiene, 1999, , .	1.9	14
20	Short-Term Heat Stress Exposure Limits Based on Wet Bulb Globe Temperature Adjusted for Clothing and Metabolic Rate. Journal of Occupational and Environmental Hygiene, 2009, 6, 632-638.	1.0	14
21	Indicators to assess physiological heat strain â€“ Part 2: Delphi exercise. Temperature, 0, , 1-11.	3.0	11
22	Prediction of WBGT-based clothing adjustment values from evaporative resistance. Industrial Health, 2017, 55, 549-554.	1.0	8
23	Heat stress risk profiles for three non-woven coveralls. Journal of Occupational and Environmental Hygiene, 2018, 15, 80-85.	1.0	7
24	Heat Stress Evaluation of Two-layer Chemical Demilitarization Ensembles with a Full Face Negative Pressure Respirator. Industrial Health, 2014, 52, 304-312.	1.0	6
25	Heat exposure limits for young unacclimatized males and females at low and high humidity. Journal of Occupational and Environmental Hygiene, 2022, , 1-15.	1.0	6
26	Benchmarking Heat Index as an occupational exposure limit for heat stress. Journal of Occupational and Environmental Hygiene, 2019, 16, 557-563.	1.0	5
27	Occupational Heat Stress In USA: Whither We Go?. Industrial Health, 2014, 52, 1-4.	1.0	4
28	Ability to Discriminate Between Sustainable and Unsustainable Heat Stress Exposuresâ€”Part 2. Annals of Work Exposures and Health, 2017, 61, 621-632.	1.4	4
29	Maximum acceptable effort for connector assembly in automotive manufacturing. International Journal of Industrial Ergonomics, 2014, 44, 207-213.	2.6	3
30	Effects on Heat Stress of a Flame-Retardant Ensemble for Aluminum Smelters. AIHAJ: A Journal for the Science of Occupational and Environmental Health and Safety, 2000, 61, 873-876.	0.4	2
31	Problematic Issues in Prevention of Injuries and Illnesses Resulting from Exposure to Heat and Cold Stress. Journal of Occupational and Environmental Hygiene, 1996, 11, 282-287.	0.4	1
32	Risk Management for Preventing Heat Illness in Athletes. Athletic Therapy Today, 1996, 1, 19-21.	0.2	1
33	OUP accepted manuscript. Annals of Work Exposures and Health, 2022, , .	1.4	0