

Peter Brãjde

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

3,778
citations

201674

27
h-index

128289

60
g-index

74
all docs

74
docs citations

74
times ranked

2904
citing authors

#	ARTICLE	IF	CITATIONS
1	Deriving the operational procedure for the Universal Thermal Climate Index (UTCI). International Journal of Biometeorology, 2012, 56, 481-494.	3.0	645
2	UTCI-Fiala multi-node model of human heat transfer and temperature regulation. International Journal of Biometeorology, 2012, 56, 429-441.	3.0	609
3	An introduction to the Universal Thermal Climate Index (UTCI). Geographia Polonica, 2013, 86, 5-10.	1.0	269
4	The UTCI-clothing model. International Journal of Biometeorology, 2012, 56, 461-470.	3.0	238
5	Zur Validität der deutschen Übersetzung des Morningness-Eveningness-Questionnaires von Horne und Ostberg. The Validity of a German Version of the Morningness-Eveningness-Questionnaire Developed by Horne and Ostberg. Somnologie, 2001, 5, 71-80.	1.5	179
6	Predicting urban outdoor thermal comfort by the Universal Thermal Climate Index UTCI—a case study in Southern Brazil. International Journal of Biometeorology, 2012, 56, 471-480.	3.0	176
7	Apparent latent heat of evaporation from clothing: attenuation and “heat pipe” effects. Journal of Applied Physiology, 2008, 104, 142-149.	2.5	126
8	Autonomic Arousals Related to Traffic Noise during Sleep. Sleep, 2008, 31, 569-577.	1.1	107
9	Evaporative cooling: effective latent heat of evaporation in relation to evaporation distance from the skin. Journal of Applied Physiology, 2013, 114, 778-785.	2.5	102
10	The Universal Thermal Climate Index UTCI Compared to Ergonomics Standards for Assessing the Thermal Environment. Industrial Health, 2013, 51, 16-24.	1.0	98
11	Proteasomal Degradation of Human CYP1B1: Effect of the Asn453Ser Polymorphism on the Post-Translational Regulation of CYP1B1 Expression. Molecular Pharmacology, 2005, 67, 435-443.	2.3	78
12	Physiological responses to temperature and humidity compared to the assessment by UTCI, WGBT and PHS. International Journal of Biometeorology, 2012, 56, 505-513.	3.0	64
13	Estimated work ability in warm outdoor environments depends on the chosen heat stress assessment metric. International Journal of Biometeorology, 2018, 62, 331-345.	3.0	57
14	Melatonin production during childhood and adolescence: a longitudinal study on the excretion of urinary 6-hydroxymelatonin sulfate. Journal of Pineal Research, 2003, 34, 26-31.	7.4	54
15	Outdoor comfort study in Rio de Janeiro: site-related context effects on reported thermal sensation. International Journal of Biometeorology, 2017, 61, 463-475.	3.0	49
16	Gender-related difference in sweat loss and its impact on exposure limits to heat stress. International Journal of Industrial Ergonomics, 2002, 29, 343-351.	2.6	46
17	Short- and long-term acclimatization in outdoor spaces: Exposure time, seasonal and heatwave adaptation effects. Building and Environment, 2017, 116, 17-29.	6.9	43
18	Long Term Adaptation to Heat Stress: Shifts in the Minimum Mortality Temperature in the Netherlands. Frontiers in Physiology, 2020, 11, 225.	2.8	42

#	ARTICLE	IF	CITATIONS
19	UTCI: validation and practical application to the assessment of urban outdoor thermal comfort. <i>Geographia Polonica</i> , 2013, 86, 11-20.	1.0	38
20	A review on ergonomics of headgear: Thermal effects. <i>International Journal of Industrial Ergonomics</i> , 2015, 45, 1-12.	2.6	37
21	Heat Gain From Thermal Radiation Through Protective Clothing With Different Insulation, Reflectivity and Vapour Permeability. <i>International Journal of Occupational Safety and Ergonomics</i> , 2010, 16, 231-244.	1.9	35
22	Evaluation of performance and load in simulated rescue tasks for a novel design SCBA: effect of weight, volume and weight distribution. <i>Applied Ergonomics</i> , 2003, 34, 157-165.	3.1	34
23	Association of cytochrome P450 2E1 polymorphisms and head and neck squamous cell cancer. <i>Toxicology Letters</i> , 2004, 151, 273-282.	0.8	34
24	Dry and Wet Heat Transfer Through Clothing Dependent on the Clothing Properties Under Cold Conditions. <i>International Journal of Occupational Safety and Ergonomics</i> , 2008, 14, 69-76.	1.9	34
25	Fixation disparity and nonius bias. <i>Vision Research</i> , 1999, 39, 669-677.	1.4	31
26	Calculation of Clothing Insulation by Serial and Parallel Methods: Effects on Clothing Choice by IREQ and Thermal Responses in the Cold. <i>International Journal of Occupational Safety and Ergonomics</i> , 2007, 13, 103-116.	1.9	31
27	Association between head and neck cancer and microsomal epoxide hydrolase genotypes. <i>Archives of Toxicology</i> , 2003, 77, 37-41.	4.2	28
28	Non-evaporative effects of a wet mid layer on heat transfer through protective clothing. <i>European Journal of Applied Physiology</i> , 2008, 104, 341-349.	2.5	28
29	Lowering of resting core temperature during acclimation is influenced by exercise stimulus. <i>European Journal of Applied Physiology</i> , 2008, 104, 321-327.	2.5	28
30	Implications of air-conditioning use on thermal perception in open spaces: A field study in downtown Rio de Janeiro. <i>Building and Environment</i> , 2015, 94, 417-425.	6.9	27
31	Real-time PCR analysis of the N-acetyltransferase NAT1 allele *3, *4, *10, *11, *14 and *17 polymorphism in squamous cell cancer of head and neck. <i>Carcinogenesis</i> , 2001, 22, 1405-1412.	2.8	26
32	Results of the Optimune trial: A randomized controlled trial evaluating a novel Internet intervention for breast cancer survivors. <i>PLoS ONE</i> , 2021, 16, e0251276.	2.5	25
33	Excretion of 6-Hydroxymelatonin Sulfate (6-OHMS) in Siblings during Childhood and Adolescence. <i>Neuroendocrinology</i> , 2003, 78, 241-243.	2.5	24
34	Definição de faixas de conforto e desconforto térmico para espaços abertos em Curitiba, PR, com o Índice UTCI. <i>Ambiente Construído</i> , 2012, 12, 41-59.	0.4	24
35	Vibration induced low back disorders – comparison of the vibration evaluation according to ISO 2631 with a force-related evaluation. <i>Applied Ergonomics</i> , 2005, 36, 481-488.	3.1	22
36	Impact of biometeorological conditions and air pollution on influenza-like illnesses incidence in Warsaw. <i>International Journal of Biometeorology</i> , 2021, 65, 929-944.	3.0	21

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37	Regional features of the bioclimate of Central and Southern Europe against the background of the Köppen-Geiger climate classification. <i>Geographia Polonica</i> , 2015, 88, 439-453.	1.0	19
38	Working in Moderate Cold: A Possible Risk to Health. <i>Journal of Occupational Health</i> , 1997, 39, 36-44.	2.1	18
39	A time-dependent model evaluating draft in indoor environment. <i>Energy and Buildings</i> , 2012, 49, 466-470.	6.7	18
40	Executive control, ERP and pro-inflammatory activity in emotionally exhausted middle-aged employees. Comparison between subclinical burnout and mild to moderate depression. <i>Psychoneuroendocrinology</i> , 2017, 86, 176-186.	2.7	18
41	Impact of Biological and Lifestyle Factors on Cognitive Aging and Work Ability in the Dortmund Vital Study: Protocol of an Interdisciplinary, Cross-sectional, and Longitudinal Study. <i>JMIR Research Protocols</i> , 2022, 11, e32352.	1.0	18
42	The significance of lateral whole-body vibrations related to separately and simultaneously applied vertical motions. A validation study of ISO 2631. <i>Applied Ergonomics</i> , 1999, 30, 505-513.	3.1	16
43	The uncertainty of UTCI due to uncertainties in the determination of radiation fluxes derived from numerical weather prediction and regional climate model simulations. <i>International Journal of Biometeorology</i> , 2013, 57, 207-223.	3.0	14
44	Accuracy of metabolic rate estimates from heart rate under heat stress—an empirical validation study concerning ISO 8996. <i>Industrial Health</i> , 2019, 57, 615-620.	1.0	14
45	Pathological Excretion Patterns of Urinary Proteins in Miners Highly Exposed to Dinitrotoluene. <i>Journal of Occupational and Environmental Medicine</i> , 2001, 43, 610-615.	1.7	13
46	Sex differences in temperature-related all-cause mortality in the Netherlands. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 249-258.	2.3	13
47	Long-Term Stability of 6-Hydroxymelatonin Sulfate in 24-h Urine Samples Stored at -20°C. <i>Endocrine</i> , 2001, 15, 199-202.	2.2	11
48	Economic valuation of climate change-induced mortality: age dependent cold and heat mortality in the Netherlands. <i>Climatic Change</i> , 2020, 162, 545-562.	3.6	11
49	Indicators to assess physiological heat strain — Part 2: Delphi exercise. <i>Temperature</i> , 0, , 1-11.	3.0	11
50	Neutralizing antibody responses 300 days after SARS-CoV-2 infection and induction of high antibody titers after vaccination. <i>European Journal of Immunology</i> , 2022, 52, 810-815.	2.9	9
51	COMFORT CONTOURS: INTER-AXIS EQUIVALENCE. <i>Journal of Sound and Vibration</i> , 1997, 204, 85-97.	3.9	7
52	Contrast thresholds and fixation disparity during 5-Hz sinusoidal single- and dual-axis (vertical and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	7
53	Metabolic costs of physiological heat stress responses - Q10 coefficients relating oxygen consumption to body temperature. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	7
54	Development of a sleep disturbance index (SDI) for the assessment of noise-induced sleep disturbances. <i>Somnologie</i> , 2008, 12, 150-157.	1.5	6

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55	Heat acclimation and its relation to resting core temperature and heart rate. Occupational Ergonomics, 2009, 8, 185-193.	0.3	6
56	Quantitative analysis of human NK cell reactivity using latex beads coated with defined amounts of antibodies. European Journal of Immunology, 2020, 50, 656-665.	2.9	5
57	The equivalent sound pressure level "A reliable predictor for human responses to impulse noise?. Applied Acoustics, 1993, 38, 1-13.	3.3	4
58	Do Birth Variable Data Predict Melatonin Production in 8- to 9-Year-Old Children? Analysis of Excreted 6-Sulfatoxymelatonin. Hormone Research in Paediatrics, 2004, 62, 156-160.	1.8	4
59	Thermal effects of headgear: state-of-the-art and way forward. Extreme Physiology and Medicine, 2015, 4, .	2.5	3
60	Heat Acclimation Does Not Modify Q10 and Thermal Cardiac Reactivity. Frontiers in Physiology, 2019, 10, 1524.	2.8	3
61	Issues in UTCI Calculation from a Decade's Experience. , 2021, , 13-21.		3
62	Do one-hour exposures provide a valid assessment of physiological heat strain?. Zeitschrift für Arbeitswissenschaft, 0, , 1.	1.6	3
63	Head sweat rate prediction for thermal comfort assessment of bicycle helmets. Extreme Physiology and Medicine, 2015, 4, .	2.5	2
64	Analysis of Natural Killer cell functions in patients with hereditary hemochromatosis. EXCLI Journal, 2020, 19, 430-441.	0.7	1
65	Low self-reported stress despite immune-physiological changes in paramedics during rescue operations. EXCLI Journal, 2021, 20, 792-811.	0.7	1
66	Oculomotor Alignment and Visual Contrast Thresholds during Separate and Simultaneous Lateral and Vertical Whole-Body Vibrations (5 Hz, 1.2 ms ⁻²). Journal of Low Frequency Noise Vibration and Active Control, 1998, 17, 171-180.	2.9	0
67	Statistical Modelling of Physiological Heat Stress Response by Means of a Nonlinear Two-Stage Model. Biometrical Journal, 2001, 43, 703.	1.0	0
68	The evaluation of biothermal conditions for various forms of climatic therapy based on UTCI adjusted for activity. Geographia Polonica, 2021, 94, 167-182.	1.0	0
69	Sensitivity of UTCI Thermal Comfort Prediction to Personal and Situational Factors "Residual Analysis of Pedestrian Survey Data. , 2021, , 67-80.		0
70	Multivariate Analysis of the Process of Acclimation of Physiologic Variables. Studies in Classification, Data Analysis, and Knowledge Organization, 1993, , 434-442.	0.2	0