Irina BÃ¶ckelmann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4265544/publications.pdf

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58	885	759233	713466
papers	citations	12 h-index	21 g-index

101	101	101	782
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reference values for time- and frequency-domain heart rate variability measures. Heart Rhythm, 2016, 13, 1309-1316.	0.7	81
2	Pick-by-Vision: A first stress test. , 2009, , .		65
3	Factors influencing heart rate variability. International Cardiovascular Forum Journal, 0, 6, .	1.1	54
4	Effects of Different Training Interventions on Heart Rate Variability and Cardiovascular Health and Risk Factors in Young and Middle-Aged Adults: A Systematic Review. Frontiers in Physiology, 2021, 12, 657274.	2.8	40
5	The psychological effects of exposure to mixed organic solvents on car painters. Disability and Rehabilitation, 2002, 24, 455-461.	1.8	37
6	Mobile Augmented Reality in industrial applications: Approaches for solution of user-related issues. , 2008, , .		37
7	Comparing the effectiveness of karate and fitness training on cognitive functioning in older adultsâ€”A randomized controlled trial. Journal of Sport and Health Science, 2016, 5, 484-490.	6.5	36
8	The circadian rhythm of heart rate variability. Biological Rhythm Research, 2016, 47, 717-730.	0.9	35
9	Perceptual issues in optical-see-through displays. , 2010, , .		30
10	Methoden zur Indikation vorwiegend psychischer Berufsbelastung und Beanspruchung â€” MÃ¶glichkeiten fÃ¼r die betriebliche Praxis. Zeitschrift FÃ¼r Arbeitswissenschaft, 2011, 65, 205-222.	1.6	27
11	Effects of different exercise interventions on heart rate variability and cardiovascular health factors in older adults: a systematic review. European Review of Aging and Physical Activity, 2021, 18, 24.	2.9	25
12	New reference values of heart rate variability during ordinary daily activity. Heart Rhythm, 2017, 14, 304-307.	0.7	24
13	Extended investigations of user-related issues in mobile industrial AR. , 2010, , .		23
14	Stress and strain among veterinarians: a scoping review. Irish Veterinary Journal, 2022, 75, .	2.1	18
15	Assessing the Suitability of Cross-Sectional and Longitudinal Cardiac Rhythm Tests With Regard to Identifying Effects of Occupational Chronic Lead Exposure. Journal of Occupational and Environmental Medicine, 2002, 44, 59-65.	1.7	16
16	Heart rate variability as a strain indicator for psychological stress for emergency physicians during work and alert intervention: a systematic review. Journal of Occupational Medicine and Toxicology, 2021, 16, 24.	2.2	15
17	Psychological effects of occupational exposure to organic solvent mixtures on printers. Disability and Rehabilitation, 2004, 26, 798-807.	1.8	14
18	Physical fitness as a risk factor for injuries and excessive stress symptoms during basic military training. International Archives of Occupational and Environmental Health, 2019, 92, 837-841.	2.3	13

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19	Effort-Reward Imbalance, Mental Health and Burnout in Occupational Groups That Face Mental Stress. Journal of Occupational and Environmental Medicine, 2020, 62, 847-852.	1.7	13
20	Multimodal measurement approach to identify individuals with mild cognitive impairment: study protocol for a cross-sectional trial. BMJ Open, 2021, 11, e046879.	1.9	11
21	Subjective and Objective Consequences of Stress in Subjects with Subjectively Different Sleep Qualityâ€"A Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2021, 18, 9990.	2.6	11
22	Influence of chronic exposure to organic solvent mixtures on contrast sensitivity in silk-screen printers: matched-pair analysis. Environmental Toxicology and Pharmacology, 2005, 19, 505-510.	4.0	10
23	Correlation between the results of three physical fitness tests (endurance, strength, speed) and the output measured during a bicycle ergometer test in a cohort of military servicemen. Military Medical Research, 2016, 3, 12.	3.4	8
24	Early Effects of Long-Term Neurotoxic Lead Exposure in Copper Works Employees. Journal of Toxicology, 2011, 2011, 1-11.	3.0	7
25	Work-Related Behaviour and Experience Patterns Among Ambulance Service Personnel of Different Organizational Structures in Urban and Rural Regions. Journal of Occupational and Environmental Medicine, 2021, Publish Ahead of Print, .	1.7	7
26	Objective assessment of mental stress in individuals with different levels of effort reward imbalance or overcommitment using heart rate variability: a systematic review. Systematic Reviews, 2022, 11, 48.	5.3	7
27	Vegetative function diagnosis for early detection of lead intoxication. International Archives of Occupational and Environmental Health, 1996, 69, 14-20.	2.3	6
28	Injuries caused during military duty andÂleisure sport activity. Work, 2016, 54, 121-126.	1.1	6
29	Effects of Different Exercise Interventions on Cardiac Autonomic Control and Secondary Health Factors in Middle-Aged Adults: A Systematic Review. Journal of Cardiovascular Development and Disease, 2021, 8, 94.	1.6	6
30	EEG correlates of cognitive load in a multiple choice reaction task. Acta Neurobiologiae Experimentalis, 2020, 80, 76-89.	0.7	6
31	Analysis of Work Related Factors, Behavior, Well-Being Outcome, and Job Satisfaction of Workers of Emergency Medical Service: A Systematic Review. International Journal of Environmental Research and Public Health, 2022, 19, 6660.	2.6	6
32	Vaccination coverage rates of military personnel worldwide: a systematic review of the literature. International Archives of Occupational and Environmental Health, 2021, 94, 1-8.	2.3	5
33	Arbeitsmedizinische Bedeutung der HerzschlagfrequenzvariabilitÃt. Zentralblatt Fur Arbeitsmedizin, Arbeitsschutz Und Ergonomie, 2007, 57, 158-166.	0.1	4
34	Evaluation of Stress Levels of Trainee Cardiac Surgery Residents during Training Interventions Using Physiological Stress Parameters. International Journal of Environmental Research and Public Health, 2021, 18, 11953.	2.6	4
35	Toxische Wirkung von MethyltertiÃrbutylether (MTBE) auf das mÃnnliche Reproduktionssystem unter KÃltebedingungen. Zentralblatt Fur Arbeitsmedizin, Arbeitsschutz Und Ergonomie, 2013, 63, 80-90.	0.1	3
36	Prevalence of Cardiac Arrhythmia Under Stress Conditions in Occupational Health Assessments of Young Military Servicemen and Servicewomen. Military Medicine, 2016, 181, 369-372.	0.8	3

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37	Subjective and objective demands on different types of differential stress inventory. International Archives of Occupational and Environmental Health, 2021, 94, 855-866.	2.3	3
38	Heart Rate Variability in Different Levels of Burnoutâ€"Cross-Sectional Study of Different Occupational Groups Heart Rate Variability and Burnout. Journal of Occupational and Environmental Medicine, 2021, 63, e622-e630.	1.7	3
39	Mental Health and Work-Related Behaviors in Management of Work Requirements of University Lecturers in Ukraineâ€"An Age Group Comparison. International Journal of Environmental Research and Public Health, 2021, 18, 10573.	2.6	3
40	Causes and consequences of psychological stress in the working life and emergency services of veterinary professionals in the Federal Republic of Germany: A protocol for a nationwide cross-sectional study. F1000Research, 0, 11, 42.	1.6	3
41	Individuelle Stressverarbeitung von Polizeibeamten als Grundlage fÃ¼r PrÃventionsmaÃŸnahmen. Zentralblatt Fur Arbeitsmedizin, Arbeitsschutz Und Ergonomie, 2007, 57, 12-29.	0.1	2
42	Ophthalmologische Kontrolluntersuchung bei bleibelasteten PolizeischieÃŸausbildern. Zentralblatt Fur Arbeitsmedizin, Arbeitsschutz Und Ergonomie, 2008, 58, 110-120.	0.1	2
43	Vegetative function diagnosis for early detection of lead intoxication. International Archives of Occupational and Environmental Health, 1996, 69, 14-20.	2.3	2
44	Experience of international collaboration in solving actual medical and biological problems of occupational health and ecology. Ukrainian Journal of Occupational Health, 2018, 2018, 58-67.	0.7	2
45	Medical-psychological aspects of professional deformation of personality development among emergency medical staff. ZaporoÅ¾skij Medicinskij Å½urnal, 2022, 24, 61-69.	0.2	2
46	RESOURCES-BASED STRATEGIES FOR HEALTH PROMOTION OF STUDENTS WITH DIFFERENT GENERAL CONDITIONS AND DIFFERENT ORIGINS. Inter Collegas, 2021, 8, 132-143.	0.1	2
47	Activation of the stress response among the cardiac surgical residents: comparison of teaching procedures and other (daily) medical activities. Journal of Cardiothoracic Surgery, 2022, 17, 112.	1.1	2
48	Randomised Controlled Study on Measures to Increase Vaccination Rates among German Armed Forces Soldiers. International Journal of Environmental Research and Public Health, 2022, 19, 8568.	2.6	2
49	Ergebnisse einer arbeitspsychologischen Befragung von Verwaltungsangestellten zur individuellen StressbewÃltigung. Zentralblatt Fur Arbeitsmedizin, Arbeitsschutz Und Ergonomie, 2009, 59, 66-80.	0.1	1
50	Gesundes mobiles Arbeiten mit digitalen Assistenzsystemen im technischen Service (ArdiAS). , 2021, , 35-52.		1
51	The perception of stress, behavior in stressful situations and mental health of bank employees within a German-Ukrainian comparative study. International Journal of Occupational Medicine and Environmental Health, 2021, , .	1.3	1
52	Relevant Errors Relating to the Measuring Method. Deutsches Ärzteblatt International, 2016, 113, 374.	0.9	1
53	Age-Related Differences in Cardiac Autonomic Control at Resting State and in Response to Mental Stress. Diagnostics, 2021, 11, 2218.	2.6	1
54	Relationship between Resting State Heart Rate Variability and Sleep Quality in Older Adults with Mild Cognitive Impairment. International Journal of Environmental Research and Public Health, 2021, 18, 13321.	2.6	1

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55	Psychologische und psychometrische Ergebnisse lÃ¶semittelexponierter Lackierer im LÃ¤ngsschnittsvergleich. Zentralblatt Fur Arbeitsmedizin, Arbeitsschutz Und Ergonomie, 2007, 57, 66-75.	0.1	0
56	HerzfrequenzvariabilitÃt bei bleibelasteten PolizeischieÃŸausbildern unter standardisierten Laborbedingungen. Zentralblatt Fur Arbeitsmedizin, Arbeitsschutz Und Ergonomie, 2008, 58, 322-328.	0.1	0
57	Beurteilung der Arbeitsbedingungen bei der Lederherstellung in der Ukraine. Zentralblatt Fur Arbeitsmedizin, Arbeitsschutz Und Ergonomie, 2012, 62, 76-85.	0.1	0
58	Students' experience of stress with different framework conditions and different origins. Inter Collegas, 2021, 8, 74-86.	0.1	0