

Thomas Läubli

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,665
citations

304701

22
h-index

289230

40
g-index

68
all docs

68
docs citations

68
times ranked

1414
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Periodic Voluntary Interventions on Trapezius Activation and Fatigue During Light Upper Limb Activity. <i>Human Factors</i> , 2023, 65, 1491-1505.	3.5	2
2	Physiological and neuromotor changes induced by two different stand-walk-sit work rotations. <i>Ergonomics</i> , 2020, 63, 163-174.	2.1	10
3	Physiological changes during prolonged standing and walking considering age, gender and standing work experience. <i>Ergonomics</i> , 2020, 63, 579-592.	2.1	15
4	Associations between low back muscle activity, pelvic movement and low back discomfort development during prolonged standing – An exploratory laboratory study. <i>International Journal of Industrial Ergonomics</i> , 2019, 72, 380-389.	2.6	11
5	Muscular and Vascular Issues Induced by Prolonged Standing With Different Work – Rest Cycles With Active or Passive Breaks. <i>Human Factors</i> , 2018, 60, 806-821.	3.5	22
6	Lower limb pain among workers: a cross-sectional analysis of the fifth European Working Conditions Survey. <i>International Archives of Occupational and Environmental Health</i> , 2017, 90, 575-585.	2.3	14
7	Trapezius muscle activity and body movement at the beginning and the end of a workday and during the lunch period in female office employees. <i>Industrial Health</i> , 2017, 55, 162-172.	1.0	2
8	Long-Lasting Changes in Muscle Twitch Force During Simulated Work While Standing or Walking. <i>Human Factors</i> , 2016, 58, 1117-1127.	3.5	23
9	Erhaltung der Leistungsfähigkeit im Gerüstbau. <i>Arbeit</i> , 2016, 25, 81-90.	0.6	1
10	Relationship between sleep stages and nocturnal trapezius muscle activity. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 457-462.	1.7	2
11	Long-Term Muscle Fatigue After Standing Work. <i>Human Factors</i> , 2015, 57, 1162-1173.	3.5	45
12	Circadian rhythm of heart rate and physical activity in nurses during day and night shifts. <i>European Journal of Applied Physiology</i> , 2015, 115, 1313-1320.	2.5	7
13	6 <i>Arbeit und Gesundheit</i> . , 2014, , 207-236.		0
14	Physical workload, trapezius muscle activity, and neck pain in nurses' night and day shifts: A physiological evaluation. <i>Applied Ergonomics</i> , 2014, 45, 741-746.	3.1	30
15	Trapezius Muscle Load, Heart Rate and Time Pressure during Day and Night Shift in Swiss and Japanese Nurses. <i>Industrial Health</i> , 2014, 52, 225-234.	1.0	3
16	Evidence for repetitive load in the trapezius muscle during a tapping task. <i>European Journal of Applied Physiology</i> , 2012, 112, 3053-3059.	2.5	2
17	Firing duration of masseter motor units during prolonged low-level contractions. <i>Clinical Neurophysiology</i> , 2011, 122, 2433-2440.	1.5	18
18	Course of Back Pain Across 5 Years. <i>Spine</i> , 2011, 36, E268-E273.	2.0	23

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19	Work-life conflict and musculoskeletal disorders: a cross-sectional study of an unexplored association. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 60.	1.9	67
20	Human-Centered Design in the Care of Immobile Patients. <i>Lecture Notes in Computer Science</i> , 2011, , 321-326.	1.3	1
21	<i>Musculoskeletal Disorders</i> . , 2011, , 277-299.		0
22	Muscular load and performance compared between a pen and a computer mouse as input devices. <i>International Journal of Industrial Ergonomics</i> , 2010, 40, 607-617.	2.6	23
23	Can the job demand control model explain back and neck pain? Cross-sectional study in a representative sample of Swiss working population. <i>International Journal of Industrial Ergonomics</i> , 2010, 40, 663-668.	2.6	23
24	Correlates of short- and long-term absence due to musculoskeletal disorders. <i>Occupational Medicine</i> , 2010, 60, 358-361.	1.4	7
25	Co-activation and maximal EMG activity of forearm muscles during key tapping. <i>International Journal of Industrial Ergonomics</i> , 2009, 39, 749-755.	2.6	10
26	Validity of pressure pain thresholds in female workers with and without recurrent low back pain. <i>European Spine Journal</i> , 2007, 16, 267-275.	2.2	50
27	Do MRI findings correlate with mobility tests? An explorative analysis of the test validity with regard to structure. <i>European Spine Journal</i> , 2007, 16, 803-812.	2.2	27
28	Symptomatology of recurrent low back pain in nursing and administrative professions. <i>European Spine Journal</i> , 2007, 16, 1789-1798.	2.2	17
29	Magnetic Resonance Imaging of the Lumbar Spine. <i>Spine</i> , 2006, 31, 2701-2706.	2.0	48
30	Single motor unit and spectral surface EMG analysis during low-force, sustained contractions of the upper trapezius muscle. <i>European Journal of Applied Physiology</i> , 2006, 96, 157-164.	2.5	28
31	The role of back muscle endurance, maximum force, balance and trunk rotation control regarding lifting capacity. <i>European Journal of Applied Physiology</i> , 2006, 96, 146-156.	2.5	22
32	Comparative assessment of study groups of elderly female computer users from four European countries: questionnaires used in the NEW study. <i>European Journal of Applied Physiology</i> , 2006, 96, 122-126.	2.5	19
33	Neuromuscular assessment in elderly workers with and without work related shoulder/neck trouble: the NEW-study design and physiological findings. <i>European Journal of Applied Physiology</i> , 2006, 96, 110-121.	2.5	77
34	Neuromuscular assessment of the elderly worker, NEW: a multidisciplinary European research project. <i>European Journal of Applied Physiology</i> , 2006, 96, 107-109.	2.5	2
35	Relationship between perceived exertion and mean power frequency of the EMG signal from the upper trapezius muscle during isometric shoulder elevation. <i>European Journal of Applied Physiology</i> , 2005, 95, 321-326.	2.5	71
36	Long-term effects of supervised physical training in secondary prevention of low back pain. <i>European Spine Journal</i> , 2005, 14, 599-611.	2.2	68

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37	Trapezius Muscle Motor Unit Activity in Symptomatic Participants During Finger Tapping Using Properly and Improperly Adjusted Desks. <i>Human Factors</i> , 2004, 46, 252-266.	3.5	24
38	The European project "Neuromuscular assessment in the elderly worker" (NEW): Achievements in electromyogram signal acquisition, modelling and processing. <i>Medical and Biological Engineering and Computing</i> , 2004, 42, 429-431.	2.8	8
39	Comment on the obesity issue. <i>International Journal of Public Health</i> , 2004, 49, 8-8.	2.6	0
40	Motor unit identification in two neighboring recording positions of the human trapezius muscle during prolonged computer work. <i>European Journal of Applied Physiology</i> , 2003, 89, 526-535.	2.5	12
41	Measures of low back function: a review of reproducibility studies. <i>Physical Therapy in Sport</i> , 2003, 4, 137-151.	1.9	2
42	A software package for the decomposition of long-term multichannel EMG signals using wavelet coefficients. <i>IEEE Transactions on Biomedical Engineering</i> , 2003, 50, 58-69.	4.2	76
43	Continuous, intermitted and sporadic motor unit activity in the trapezius muscle during prolonged computer work. <i>Journal of Electromyography and Kinesiology</i> , 2003, 13, 113-124.	1.7	65
44	Course of low back pain among nurses: a longitudinal study across eight years. <i>Occupational and Environmental Medicine</i> , 2003, 60, 497-503.	2.8	161
45	Measures of low back function: A review of reproducibility studies. <i>Clinical Biomechanics</i> , 2002, 17, 235-249.	1.2	35
46	A method to test reliability and accuracy of the decomposition of multi-channel long-term intramuscular EMG signal recordings. <i>International Journal of Industrial Ergonomics</i> , 2002, 30, 211-224.	2.6	12
47	Experimental exposure to methylformate and its neurobehavioral effects. <i>International Archives of Occupational and Environmental Health</i> , 2000, 73, 401-409.	2.3	12
48	Urinary methanol and formic acid as indicators of occupational exposure to methyl formate. <i>International Archives of Occupational and Environmental Health</i> , 2000, 73, 410-414.	2.3	13
49	Isopropanol and methylformate exposure in a foundry: exposure data and neurobehavioural measurements. <i>International Archives of Occupational and Environmental Health</i> , 2000, 73, 528-536.	2.3	12
50	Neurobehavioural effects of experimental isopropanol exposure. <i>International Archives of Occupational and Environmental Health</i> , 2000, 73, 105-112.	2.3	12
51	Motor-unit activity in the trapezius muscle during rest, while inputting data, and during fast finger tapping. <i>European Journal of Applied Physiology</i> , 2000, 83, 181-189.	2.5	25
52	Co-activity of the trapezius and upper arm muscles with finger tapping at different rates and trunk postures. <i>European Journal of Applied Physiology</i> , 2000, 83, 207-214.	2.5	22
53	Can some upper extremity disorders be defined as work-related?. <i>Journal of Hand Surgery</i> , 1996, 21, 727-728.	1.6	4
54	Effects of a low alcohol dose on static balance, fine motor activity, and mental performance. <i>Neurotoxicology and Teratology</i> , 1996, 18, 547-554.	2.4	17

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55	Rheumatische Beschwerden und BÄ¼roarbeit. International Journal of Public Health, 1985, 30, 278-279.	2.6	2
56	Postural and visual loads at VDT workplaces II. Lighting conditions and visual impairments. Ergonomics, 1981, 24, 933-944.	2.1	62
57	Postural and visual loads at VDT workplaces I. Constrained postures. Ergonomics, 1981, 24, 917-931.	2.1	262
58	The Influence of Neuroticism on the Muscle Response in the Trapezius and Frontalis Muscles to Anticipatory Stress. Journal of Psychophysiology, 0, , .	0.7	0