

Danuta Roman-Liu

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

676
citations

516710

16
h-index

580821

25
g-index

46
all docs

46
docs citations

46
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of concepts in easy-to-use methods for MSD risk assessment. <i>Applied Ergonomics</i> , 2014, 45, 420-427.	3.1	130
2	Age-related changes in the range and velocity of postural sway. <i>Archives of Gerontology and Geriatrics</i> , 2018, 77, 68-80.	3.0	68
3	Quantitative assessment of upper limb muscle fatigue depending on the conditions of repetitive task load. <i>Journal of Electromyography and Kinesiology</i> , 2004, 14, 671-682.	1.7	44
4	Upper limb strength in relation to upper limb posture. <i>International Journal of Industrial Ergonomics</i> , 2005, 35, 19-31.	2.6	40
5	Characteristics of power spectrum density function of EMG during muscle contraction below 30%MVC. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, 864-874.	1.7	36
6	The influence of wrist posture on the time and frequency EMG signal measures of forearm muscles. <i>Gait and Posture</i> , 2013, 37, 340-344.	1.4	36
7	The Influence of Fatigue on Muscle Temperature. <i>International Journal of Occupational Safety and Ergonomics</i> , 2012, 18, 233-243.	1.9	29
8	Decrease of force capabilities as an index of upper limb fatigue. <i>Ergonomics</i> , 2005, 48, 930-948.	2.1	27
9	Comparison of risk assessment procedures used in OCRA and ULRA methods. <i>Ergonomics</i> , 2013, 56, 1584-1598.	2.1	23
10	The influence of mental load on muscle tension. <i>Ergonomics</i> , 2013, 56, 1125-1133.	2.1	23
11	Assessment of the Musculoskeletal Load of the Trapezius and Deltoid Muscles During Hand Activity. <i>International Journal of Occupational Safety and Ergonomics</i> , 2001, 7, 179-193.	1.9	18
12	The influence of confounding factors on the relationship between muscle contraction level and MF and MPF values of EMG signal: a review. <i>International Journal of Occupational Safety and Ergonomics</i> , 2016, 22, 77-91.	1.9	18
13	External load and the reaction of the musculoskeletal system – A conceptual model of the interaction. <i>International Journal of Industrial Ergonomics</i> , 2013, 43, 356-362.	2.6	17
14	Maximum Handgrip Force in Relation to Upper Limb Posture – A Meta-Analysis. <i>AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2003, 64, 609-617.	0.4	16
15	The Effect of an Ergonomic Intervention on Musculoskeletal, Psychosocial and Visual Strain of VDT Data Entry Work: The Polish Part of the International Study. <i>International Journal of Occupational Safety and Ergonomics</i> , 2005, 11, 65-76.	1.9	16
16	Repetitive task indicator as a tool for assessment of upper limb musculoskeletal load induced by repetitive task. <i>Ergonomics</i> , 2007, 50, 1740-1760.	2.1	16
17	Influence of type of MVC test on electromyography measures of biceps brachii and triceps brachii. <i>International Journal of Occupational Safety and Ergonomics</i> , 2018, 24, 200-206.	1.9	16
18	A Study of the Influence of Muscle Type and Muscle Force Level on Individual Frequency Bands of the EMG Power Spectrum. <i>International Journal of Occupational Safety and Ergonomics</i> , 2007, 13, 241-254.	1.9	15

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19	The effect of the fatty tissue on EMG signal in young women. <i>Acta of Bioengineering and Biomechanics</i> , 2010, 12, 87-92.	0.4	14
20	Analysis of Postural Load During Tasks Related to Milking Cows – A Case Study. <i>International Journal of Occupational Safety and Ergonomics</i> , 2011, 17, 423-432.	1.9	9
21	Heart rate variability (HRV) and muscular system activity (EMG) in cases of crash threat during simulated driving of a passenger car. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2013, 26, 710-23.	1.3	7
22	Upper Limb Load as a Function of Repetitive Task Parameters: Part 1 – A Model of Upper Limb Load. <i>International Journal of Occupational Safety and Ergonomics</i> , 2005, 11, 93-102.	1.9	6
23	Differences in Lumbar Spine Load Due to Posture and Upper Limb External Load. <i>International Journal of Occupational Safety and Ergonomics</i> , 2010, 16, 421-430.	1.9	6
24	Comparative Study of Upper Limb Load Assessment and Occurrence of Musculoskeletal Disorders at Repetitive Task Workstations. <i>Industrial Health</i> , 2014, 52, 461-470.	1.0	6
25	Effectiveness of workplace intervention strategies in lower back pain prevention: a review. <i>Industrial Health</i> , 2020, 58, 503-519.	1.0	6
26	Musculoskeletal Load Assessment of the Upper Limb Positions Subjectively Chosen as the Most Convenient. <i>International Journal of Occupational Safety and Ergonomics</i> , 1996, 2, 273-283.	1.9	5
27	Upper Limb Load as a Function of Repetitive Task Parameters: Part 2 – An Experimental Study. <i>International Journal of Occupational Safety and Ergonomics</i> , 2005, 11, 103-112.	1.9	5
28	Trigger Matters: An Ergonomy Analysis of Insulin Pens. <i>Diabetes Technology and Therapeutics</i> , 2015, 17, 171-176.	4.4	4
29	Computerized Method for Work Space Optimization in Conditions of Static Work. <i>International Journal of Occupational Safety and Ergonomics</i> , 1999, 5, 97-108.	1.9	3
30	The Influence of Age and Type of Force on Muscle Strength Capabilities in Women. <i>International Journal of Occupational Safety and Ergonomics</i> , 2012, 18, 47-57.	1.9	3
31	Effectiveness of bimanual coordination tasks performance in improving coordination skills and cognitive functions in elderly. <i>PLoS ONE</i> , 2020, 15, e0228599.	2.5	3
32	Age-related differences in bimanual coordination performance. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021, 27, 620-632.	1.9	3
33	Social partners cooperation for reduction of musculoskeletal disorders in agriculture. <i>Work</i> , 2012, 41, 5327-5333.	1.1	2
34	Influence of disability type on upper-limb motor skills. <i>International Journal of Occupational Safety and Ergonomics</i> , 2016, 22, 463-472.	1.9	1
35	Data of age- and gender-related physical and coordination abilities as normative for drivers in the area of health and safety. <i>Journal of Transport and Health</i> , 2020, 18, 100896.	2.2	1
36	Work-Related Activities. <i>Human Factors and Ergonomics</i> , 2010, , 483-496.	0.0	1

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37	Tools of occupational biomechanics in application to reduction of MSDs. Advances in Human Factors and Ergonomics Series, 2010, , 367-376.	0.2	1
38	Assessment of load on the lumbar spine using two computerised packages and REBA method. Acta of Bioengineering and Biomechanics, 2020, 22, .	0.4	1
39	Maximum Handgrip Force in Relation to Upper Limb Postureâ€™A Meta-Analysis. AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety, 2003, 64, 609.	0.4	1
40	Experimental Verification of the Computerized Method for Work Space Optimization in Conditions of Static Work. International Journal of Occupational Safety and Ergonomics, 1999, 5, 109-124.	1.9	0
41	Selected Issues of Occupational Biomechanics. Human Factors and Ergonomics, 2010, , 43-57.	0.0	0
42	Ocena jakoÅci wykonania zadaÅ, koordynacji dwurÄ™cznej ze wzglÄ™du na pÅ,eÄ† i wiek. Occupational Safety â€“ Science and Practice, 2020, 585, 22-25.	0.0	0
43	Title is missing!. , 2020, 15, e0228599.		0
44	Title is missing!. , 2020, 15, e0228599.		0
45	Title is missing!. , 2020, 15, e0228599.		0
46	Title is missing!. , 2020, 15, e0228599.		0