Iman Dianat

List of Publications by Year
in descending order

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83	1,927	218677	302126
papers	citations	26 h-index	39 g-index

86	86	86	1632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Classroom furniture and anthropometric characteristics of Iranian high school students: Proposed dimensions based on anthropometric data. Applied Ergonomics, 2013, 44, 101-108.	3.1	101
2	Association of individual and work-related risk factors with musculoskeletal symptoms among Iranian sewing machine operators. Applied Ergonomics, 2015, 51, 180-188.	3.1	96
3	A review of the methodology and applications of anthropometry in ergonomics and product design. Ergonomics, 2018, 61, 1696-1720.	2.1	75
4	Working conditions of Iranian hand-sewn shoe workers and associations with musculoskeletal symptoms. Ergonomics, 2014, 57, 602-611.	2.1	72
5	Methodology for evaluating gloves in relation to the effects on hand performance capabilities: a literature review. Ergonomics, 2012, 55, 1429-1451.	2.1	63
6	The effects of tool handle shape on hand performance, usability and discomfort using masons' trowels. International Journal of Industrial Ergonomics, 2015, 45, 13-20.	2.6	57
7	Work-related physical, psychosocial and individual factors associated with musculoskeletal symptoms among surgeons: Implications for ergonomic interventions. Applied Ergonomics, 2018, 67, 115-124.	3.1	55
8	Awkward trunk postures and their relationship with low back pain in hospital nurses. Work, 2018, 59, 317-323.	1.1	54
9	Objective and subjective assessments of lighting in a hospital setting: implications for health, safety and performance. Ergonomics, 2013, 56, 1535-1545.	2.1	53
10	Neck, shoulder and low back pain in secondary schoolchildren in relation to schoolbag carriage: Should the recommended weight limits be gender-specific?. Applied Ergonomics, 2014, 45, 437-442.	3.1	53
11	Using pliers in assembly work: Short and long task duration effects of gloves on hand performance capabilities and subjective assessments of discomfort and ease of tool manipulation. Applied Ergonomics, 2012, 43, 413-423.	3.1	44
12	The use of schoolbags and musculoskeletal symptoms among primary school children: are the recommended weight limits adequate?. Ergonomics, 2013, 56, 79-89.	2.1	43
13	Effect of a posture correctionâ€"based intervention on musculoskeletal symptoms and fatigue among control room operators. Applied Ergonomics, 2019, 76, 12-19.	3.1	43
14	Quality of healthcare services and its relationship with patient safety culture and nurse-physician professional communication. Health Promotion Perspectives, 2017, 7, 168-174.	1.9	42
15	Psychometric properties of the persian language version of the system usability scale. Health Promotion Perspectives, 2014, 4, 82-9.	1.9	42
16	Association of musculoskeletal disorders and workload with work schedule and job satisfaction among emergency nurses. International Emergency Nursing, 2019, 44, 8-13.	1.5	40
17	Fatigue as a mediator of the relationship between quality of life and mental health problems in hospital nurses. Accident Analysis and Prevention, 2019, 126, 31-36.	5.7	39
18	Short and longer duration effects of protective gloves on hand performance capabilities and subjective assessments in a screw-driving task. Ergonomics, 2010, 53, 1468-1483.	2.1	36

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19	Working posture and its predictors in operating room nurses. Health Promotion Perspectives, 2016, 6, 17-22.	1.9	36
20	Work posture, working conditions and musculoskeletal outcomes in agricultural workers. International Journal of Industrial Ergonomics, 2020, 77, 102941.	2.6	36
21	Unintentional carbon monoxide poisoning in Northwest Iran: A 5-year study. Journal of Clinical Forensic and Legal Medicine, 2010, 17, 388-391.	1.0	34
22	Design of combine harvester seat based on anthropometric data ofÂIranian operators. International Journal of Industrial Ergonomics, 2014, 44, 810-816.	2.6	33
23	Musculoskeletal symptoms among handicraft workers engaged in hand sewing tasks. Journal of Occupational Health, 2016, 58, 644-652.	2.1	32
24	Association between objective and subjective assessments of environmental ergonomic factors in manufacturing plants. International Journal of Industrial Ergonomics, 2016, 54, 26-31.	2.6	32
25	User-centred web design, usability and user satisfaction: The case of online banking websites in Iran. Applied Ergonomics, 2019, 81, 102892.	3.1	32
26	Musculoskeletal pain in operating room nurses: Associations with quality of work life, working posture, socio-demographic and job characteristics. International Journal of Industrial Ergonomics, 2019, 72, 330-337.	2.6	32
27	Neck and shoulder pain among elementary school students: prevalence and its risk factors. BMC Public Health, 2019, 19, 1299.	2.9	30
28	Design options for improving protective gloves for industrial assembly work. Applied Ergonomics, 2014, 45, 1208-1217.	3.1	27
29	Prevalence and risk factors of low back pain among school age children in Iran. Health Promotion Perspectives, 2017, 7, 223-229.	1.9	27
30	Risk factors for neck and shoulder pain among schoolchildren and adolescents. Journal of Paediatrics and Child Health, 2018, 54, 20-27.	0.8	27
31	Influences of gender, hand dominance, and anthropometric characteristics on different types of pinch strength: A partial least squares (PLS) approach. Applied Ergonomics, 2019, 79, 9-16.	3.1	26
32	Working Conditions in Carpet Weaving Workshops and Muscu-loskeletal Complaints among Workers in Tabriz - Iran. Health Promotion Perspectives, 2012, 2, 265-73.	1.9	26
33	School Bag Weight and the Occurrence of Shoulder, Hand/Wrist and Low Back Symptoms among Iranian Elementary Schoolchildren. Health Promotion Perspectives, 2011, 1, 76-85.	1.9	25
34	Review of environmental aspects and waste management of stone cutting and fabrication industries. Journal of Material Cycles and Waste Management, 2014, 16, 721-730.	3.0	24
35	Effects of tool handle dimension and workpiece orientation and size on wrist ulnar/radial torque strength, usability and discomfort in a wrench task. Applied Ergonomics, 2017, 59, 422-430.	3.1	23
36	Accuracy, precision and reliability in anthropometric surveys for ergonomics purposes in adult working populations: A literature review. International Journal of Industrial Ergonomics, 2018, 65, 1-16.	2.6	23

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37	Demographic Factors and their Relation to Fatigue and Mental Disorders in 12-Hour Petrochemical Shift Workers. Health Promotion Perspectives, 2014, 4, 165-72.	1.9	22
38	Air pollution and hospital admissions for cardiorespiratory diseases in Iran: artificial neural network versus conditional logistic regression. International Journal of Environmental Science and Technology, 2015, 12, 3433-3442.	3.5	21
39	Fatigue and Psychological Distress: A Case Study Among Shift Workers of an Iranian Petrochemical Plant, During 2013, in Bushehr. Iranian Red Crescent Medical Journal, 2015, 17, e28021.	0.5	20
40	Occupational fatigue and mental health complaints among 8-hour shift workers of petrochemical industries in Iran. Work, 2019, 62, 309-317.	1.1	19
41	A multicomponent ergonomic intervention involving individual and organisational changes for improving musculoskeletal outcomes and exposure risks among dairy workers. Applied Ergonomics, 2020, 88, 103159.	3.1	17
42	Productivity in older versus younger workers: A systematic literature review. Work, 2021, 68, 577-618.	1.1	17
43	The Iranian version of the Copenhagen Psychosocial Questionnaire (COPSOQ) for assessment of psychological risk factors at work. Health Promotion Perspectives, 2017, 7, 7-13.	1.9	17
44	Relationships between dimensions of fatigue and psychological distress among public hospital nurses. Health Promotion Perspectives, 2018, 8, 195-199.	1.9	16
45	A review of work environment risk factors influencing muscle fatigue. International Journal of Industrial Ergonomics, 2020, 80, 103028.	2.6	16
46	Do older workers suffer more workplace injuries? A systematic review. International Journal of Occupational Safety and Ergonomics, 2022, 28, 398-427.	1.9	16
47	Psychometric properties of the Iranian version of the Copenhagen Burnout Inventory. Health Promotion Perspectives, 2019, 9, 137-142.	1.9	16
48	Characteristics of unintentional carbon monoxide poisoning in Northwest Iran â€“ Tabriz. International Journal of Injury Control and Safety Promotion, 2011, 18, 313-320.	2.0	15
49	Ergonomics/Human factors needs of an ageing workforce in the manufacturing sector. Health Promotion Perspectives, 2012, 2, 112-25.	1.9	14
50	Student's Body Dimensions in Relation to Classroom Furniture. Health Promotion Perspectives, 2013, 3, 165-74.	1.9	14
51	Association of Parental Awareness of Using Schoolbags With Musculoskeletal Symptoms and Carrying Habits of Schoolchildren. Journal of School Nursing, 2014, 30, 440-447.	1.4	13
52	Ergonomically based design of tractor control tools. International Journal of Industrial Ergonomics, 2019, 72, 298-307.	2.6	13
53	Applied anthropometry for common industrial settings design: Working and ideal manual handling heights. International Journal of Industrial Ergonomics, 2020, 78, 102963.	2.6	11
54	Awareness of Parents about Characteristics of a Healthy School Backpack. Health Promotion Perspectives, 2012, 2, 166-72.	1.9	11

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55	Factors associated with mental health status of hospital nurses. International Journal of Industrial Ergonomics, 2018, 66, 194-199.	2.6	10
56	Multigroup latent class model of musculoskeletal pain combinations in children/adolescents: identifying high-risk groups by gender and age. Journal of Headache and Pain, 2018, 19, 52.	6.0	10
57	Risk factors for low back pain among the elementary school students, using penalized logistic regression, Iran. Epidemiology and Health, 2020, 42, e2020039.	1.9	10
58	Wrist ulnar/radial torque strength measurements among Iranian population: The effects of age, gender, Body Mass Index and hand dominance. Work, 2016, 53, 279-284.	1.1	8
59	Evaluation of design alternatives for sewing scissors with respect to hand performance, discomfort and usability. International Journal of Occupational Safety and Ergonomics, 2019, 25, 386-393.	1.9	6
60	Work-related stress, self-efficacy and mental health of hospital nurses. Work, 2022, 72, 1007-1014.	1.1	6
61	Qualitative aspects of traffic noise in Tabriz city, Iran: effects, habituation, and possible improvements. International Journal of Environmental Science and Technology, 2019, 16, 2009-2016.	3.5	5
62	Determining optimum seat depth using comfort and discomfort assessments. International Journal of Occupational Safety and Ergonomics, 2020, 26, 429-435.	1.9	5
63	Electromyographic Activity of Soleus and Tibialis Anterior Muscles during Ascending and Descending Stairs of Different Heights. Health Promotion Perspectives, 2014, 4, 173-9.	1.9	5
64	Ergonomic investigation of bent-handle fabric scissors. Work, 2017, 57, 529-534.	1.1	4
65	Effects of Cognitive and Physical Loads on Dynamic and Static Balance Performance of Healthy Older Adults Under Single-, Dual-, and Multi-task Conditions. Human Factors, 2020, 63, 001872082092462.	3.5	4
66	Pinch Strengths in Healthy Iranian Children and Young Adult Population. Health Promotion Perspectives, 2015, 5, 52-58.	1.9	4
67	Colour and ergonomics: On the selection of a â€œcolour of the yearâ€• Color Research and Application, 2019, 44, 1042-1044.	1.6	3
68	Perception of just culture and its association with workâ€“related psychosocial factors in an Iranian industrial setting: Implications for prevention of errors. Work, 2021, 68, 1179-1186.	1.1	3
69	Employees' perception of lighting conditions in manufacturing plants: associations with illuminance measurements. Journal of Research in Health Sciences, 2014, 14, 40-5.	1.0	3
70	A critical appraisal of the reporting quality of published randomized controlled trials in the fall injuries. International Journal of Injury Control and Safety Promotion, 2018, 25, 222-228.	2.0	2
71	Ergonomic design and evaluation of masons' trowels for construction work. International Journal of Human Factors and Ergonomics, 2019, 6, 18.	0.3	2
72	Electromyographic evaluation of different handle shapes of masonsâ€™ trowels. International Journal of Occupational Safety and Ergonomics, 2021, 27, 106-111.	1.9	2

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73	Effects of handle characteristics of manual hand tools on maximal torque exertions: a literature review. International Journal of Occupational Safety and Ergonomics, 2022, 28, 1387-1402.	1.9	2
74	Identification of factors related to behaviors associated with musculoskeletal pain among elementary students. BMC Musculoskeletal Disorders, 2021, 22, 527.	1.9	2
75	Mismatch between jar opening demands and wrist torque strength of consumers in Iran. Applied Ergonomics, 2021, 94, 103421.	3.1	2
76	Cognitive performance and electroencephalographic variations in air traffic controllers under various mental workload and time of day. Physiology and Behavior, 2022, 252, 113842.	2.1	2
77	Investigation of hand muscle fatigue and its influential factors in manual tasks. International Journal of Occupational Safety and Ergonomics, 2022, 28, 1911-1923.	1.9	1
78	Does self-efficacy mediate the relationship between occupational stress and mental health problems? A study among nursing professionals. Health Promotion Perspectives, 2021, 11, 344-350.	1.9	1
79	Review of anthropometric considerations for agricultural equipment design: a systematic review. International Journal of Systems Assurance Engineering and Management, 2022, 13, 571-581.	2.4	1
80	The Relationship between Cognitive Status and Retained Activity Participation among Community-Dwelling Older Adults. European Journal of Investigation in Health, Psychology and Education, 2022, 12, 400-416.	1.9	1
81	The dress-ergonomics challenge: Local costume as a new type of work dress?. Work, 2020, 66, 239-242.	1.1	0
82	Glove Effects on Hand Performance Capabilities in a Light Assembly Task. , 2008, , 431-435.		0
83	Dimensional Accommodation of Common Harvesting Combinesâ€™ Seat with Operatorsâ€™ Anthropometric Characteristics and Proposition the Proper Dimensions Based on Ergonomics Principles. Journal of Ergonomics, 2020, 8, 21-31.	0.2	0