

# Iman Dianat

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

1,927  
citations

218677

26  
h-index

302126

39  
g-index

86  
all docs

86  
docs citations

86  
times ranked

1632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Do older workers suffer more workplace injuries? A systematic review. <i>International Journal of Occupational Safety and Ergonomics</i> , 2022, 28, 398-427.	1.9	16
2	Investigation of hand muscle fatigue and its influential factors in manual tasks. <i>International Journal of Occupational Safety and Ergonomics</i> , 2022, 28, 1911-1923.	1.9	1
3	Effects of handle characteristics of manual hand tools on maximal torque exertions: a literature review. <i>International Journal of Occupational Safety and Ergonomics</i> , 2022, 28, 1387-1402.	1.9	2
4	Review of anthropometric considerations for agricultural equipment design: a systematic review. <i>International Journal of Systems Assurance Engineering and Management</i> , 2022, 13, 571-581.	2.4	1
5	The Relationship between Cognitive Status and Retained Activity Participation among Community-Dwelling Older Adults. <i>European Journal of Investigation in Health, Psychology and Education</i> , 2022, 12, 400-416.	1.9	1
6	Cognitive performance and electroencephalographic variations in air traffic controllers under various mental workload and time of day. <i>Physiology and Behavior</i> , 2022, 252, 113842.	2.1	2
7	Work-related stress, self-efficacy and mental health of hospital nurses. <i>Work</i> , 2022, 72, 1007-1014.	1.1	6
8	Electromyographic evaluation of different handle shapes of masons' trowels. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021, 27, 106-111.	1.9	2
9	Productivity in older versus younger workers: A systematic literature review. <i>Work</i> , 2021, 68, 577-618.	1.1	17
10	Perception of just culture and its association with work-related psychosocial factors in an Iranian industrial setting: Implications for prevention of errors. <i>Work</i> , 2021, 68, 1179-1186.	1.1	3
11	Identification of factors related to behaviors associated with musculoskeletal pain among elementary students. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 527.	1.9	2
12	Mismatch between jar opening demands and wrist torque strength of consumers in Iran. <i>Applied Ergonomics</i> , 2021, 94, 103421.	3.1	2
13	Does self-efficacy mediate the relationship between occupational stress and mental health problems? A study among nursing professionals. <i>Health Promotion Perspectives</i> , 2021, 11, 344-350.	1.9	1
14	Determining optimum seat depth using comfort and discomfort assessments. <i>International Journal of Occupational Safety and Ergonomics</i> , 2020, 26, 429-435.	1.9	5
15	A review of work environment risk factors influencing muscle fatigue. <i>International Journal of Industrial Ergonomics</i> , 2020, 80, 103028.	2.6	16
16	The dress-ergonomics challenge: Local costume as a new type of work dress?. <i>Work</i> , 2020, 66, 239-242.	1.1	0
17	Effects of Cognitive and Physical Loads on Dynamic and Static Balance Performance of Healthy Older Adults Under Single-, Dual-, and Multi-task Conditions. <i>Human Factors</i> , 2020, 63, 001872082092462.	3.5	4
18	Applied anthropometry for common industrial settings design: Working and ideal manual handling heights. <i>International Journal of Industrial Ergonomics</i> , 2020, 78, 102963.	2.6	11

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19	A multicomponent ergonomic intervention involving individual and organisational changes for improving musculoskeletal outcomes and exposure risks among dairy workers. <i>Applied Ergonomics</i> , 2020, 88, 103159.	3.1	17
20	Work posture, working conditions and musculoskeletal outcomes in agricultural workers. <i>International Journal of Industrial Ergonomics</i> , 2020, 77, 102941.	2.6	36
21	Risk factors for low back pain among the elementary school students, using penalized logistic regression, Iran. <i>Epidemiology and Health</i> , 2020, 42, e2020039.	1.9	10
22	Dimensional Accommodation of Common Harvesting Combinesâ€™™ Seat with Operatorsâ€™™ Anthropometric Characteristics and Proposition the Proper Dimensions Based on Ergonomics Principles. <i>Journal of Ergonomics</i> , 2020, 8, 21-31.	0.2	0
23	Colour and ergonomics: On the selection of a â€™œcolour of the yearâ€™. <i>Color Research and Application</i> , 2019, 44, 1042-1044.	1.6	3
24	User-centred web design, usability and user satisfaction: The case of online banking websites in Iran. <i>Applied Ergonomics</i> , 2019, 81, 102892.	3.1	32
25	Musculoskeletal pain in operating room nurses: Associations with quality of work life, working posture, socio-demographic and job characteristics. <i>International Journal of Industrial Ergonomics</i> , 2019, 72, 330-337.	2.6	32
26	Neck and shoulder pain among elementary school students: prevalence and its risk factors. <i>BMC Public Health</i> , 2019, 19, 1299.	2.9	30
27	Ergonomically based design of tractor control tools. <i>International Journal of Industrial Ergonomics</i> , 2019, 72, 298-307.	2.6	13
28	Influences of gender, hand dominance, and anthropometric characteristics on different types of pinch strength: A partial least squares (PLS) approach. <i>Applied Ergonomics</i> , 2019, 79, 9-16.	3.1	26
29	Occupational fatigue and mental health complaints among 8-hour shift workers of petrochemical industries in Iran. <i>Work</i> , 2019, 62, 309-317.	1.1	19
30	Association of musculoskeletal disorders and workload with work schedule and job satisfaction among emergency nurses. <i>International Emergency Nursing</i> , 2019, 44, 8-13.	1.5	40
31	Ergonomic design and evaluation of masons' trowels for construction work. <i>International Journal of Human Factors and Ergonomics</i> , 2019, 6, 18.	0.3	2
32	Effect of a posture correctionâ€™“based intervention on musculoskeletal symptoms and fatigue among control room operators. <i>Applied Ergonomics</i> , 2019, 76, 12-19.	3.1	43
33	Qualitative aspects of traffic noise in Tabriz city, Iran: effects, habituation, and possible improvements. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 2009-2016.	3.5	5
34	Evaluation of design alternatives for sewing scissors with respect to hand performance, discomfort and usability. <i>International Journal of Occupational Safety and Ergonomics</i> , 2019, 25, 386-393.	1.9	6
35	Fatigue as a mediator of the relationship between quality of life and mental health problems in hospital nurses. <i>Accident Analysis and Prevention</i> , 2019, 126, 31-36.	5.7	39
36	Psychometric properties of the Iranian version of the Copenhagen Burnout Inventory. <i>Health Promotion Perspectives</i> , 2019, 9, 137-142.	1.9	16

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37	A critical appraisal of the reporting quality of published randomized controlled trials in the fall injuries. <i>International Journal of Injury Control and Safety Promotion</i> , 2018, 25, 222-228.	2.0	2
38	Awkward trunk postures and their relationship with low back pain in hospital nurses. <i>Work</i> , 2018, 59, 317-323.	1.1	54
39	Accuracy, precision and reliability in anthropometric surveys for ergonomics purposes in adult working populations: A literature review. <i>International Journal of Industrial Ergonomics</i> , 2018, 65, 1-16.	2.6	23
40	Factors associated with mental health status of hospital nurses. <i>International Journal of Industrial Ergonomics</i> , 2018, 66, 194-199.	2.6	10
41	Work-related physical, psychosocial and individual factors associated with musculoskeletal symptoms among surgeons: Implications for ergonomic interventions. <i>Applied Ergonomics</i> , 2018, 67, 115-124.	3.1	55
42	Risk factors for neck and shoulder pain among schoolchildren and adolescents. <i>Journal of Paediatrics and Child Health</i> , 2018, 54, 20-27.	0.8	27
43	Relationships between dimensions of fatigue and psychological distress among public hospital nurses. <i>Health Promotion Perspectives</i> , 2018, 8, 195-199.	1.9	16
44	Multigroup latent class model of musculoskeletal pain combinations in children/adolescents: identifying high-risk groups by gender and age. <i>Journal of Headache and Pain</i> , 2018, 19, 52.	6.0	10
45	A review of the methodology and applications of anthropometry in ergonomics and product design. <i>Ergonomics</i> , 2018, 61, 1696-1720.	2.1	75
46	Ergonomic investigation of bent-handle fabric scissors. <i>Work</i> , 2017, 57, 529-534.	1.1	4
47	Effects of tool handle dimension and workpiece orientation and size on wrist ulnar/radial torque strength, usability and discomfort in a wrench task. <i>Applied Ergonomics</i> , 2017, 59, 422-430.	3.1	23
48	Quality of healthcare services and its relationship with patient safety culture and nurse-physician professional communication. <i>Health Promotion Perspectives</i> , 2017, 7, 168-174.	1.9	42
49	Prevalence and risk factors of low back pain among school age children in Iran. <i>Health Promotion Perspectives</i> , 2017, 7, 223-229.	1.9	27
50	The Iranian version of the Copenhagen Psychosocial Questionnaire (COPSOQ) for assessment of psychological risk factors at work. <i>Health Promotion Perspectives</i> , 2017, 7, 7-13.	1.9	17
51	Working posture and its predictors in operating room nurses. <i>Health Promotion Perspectives</i> , 2016, 6, 17-22.	1.9	36
52	Wrist ulnar/radial torque strength measurements among Iranian population: The effects of age, gender, Body Mass Index and hand dominance. <i>Work</i> , 2016, 53, 279-284.	1.1	8
53	Musculoskeletal symptoms among handicraft workers engaged in hand sewing tasks. <i>Journal of Occupational Health</i> , 2016, 58, 644-652.	2.1	32
54	Association between objective and subjective assessments of environmental ergonomic factors in manufacturing plants. <i>International Journal of Industrial Ergonomics</i> , 2016, 54, 26-31.	2.6	32

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55	Association of individual and work-related risk factors with musculoskeletal symptoms among Iranian sewing machine operators. <i>Applied Ergonomics</i> , 2015, 51, 180-188.	3.1	96
56	The effects of tool handle shape on hand performance, usability and discomfort using masons' trowels. <i>International Journal of Industrial Ergonomics</i> , 2015, 45, 13-20.	2.6	57
57	Air pollution and hospital admissions for cardiorespiratory diseases in Iran: artificial neural network versus conditional logistic regression. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 3433-3442.	3.5	21
58	Pinch Strengths in Healthy Iranian Children and Young Adult Population. <i>Health Promotion Perspectives</i> , 2015, 5, 52-58.	1.9	4
59	Fatigue and Psychological Distress: A Case Study Among Shift Workers of an Iranian Petrochemical Plant, During 2013, in Bushehr. <i>Iranian Red Crescent Medical Journal</i> , 2015, 17, e28021.	0.5	20
60	Working conditions of Iranian hand-sewn shoe workers and associations with musculoskeletal symptoms. <i>Ergonomics</i> , 2014, 57, 602-611.	2.1	72
61	Design of combine harvester seat based on anthropometric data of Iranian operators. <i>International Journal of Industrial Ergonomics</i> , 2014, 44, 810-816.	2.6	33
62	Neck, shoulder and low back pain in secondary schoolchildren in relation to schoolbag carriage: Should the recommended weight limits be gender-specific?. <i>Applied Ergonomics</i> , 2014, 45, 437-442.	3.1	53
63	Review of environmental aspects and waste management of stone cutting and fabrication industries. <i>Journal of Material Cycles and Waste Management</i> , 2014, 16, 721-730.	3.0	24
64	Association of Parental Awareness of Using Schoolbags With Musculoskeletal Symptoms and Carrying Habits of Schoolchildren. <i>Journal of School Nursing</i> , 2014, 30, 440-447.	1.4	13
65	Design options for improving protective gloves for industrial assembly work. <i>Applied Ergonomics</i> , 2014, 45, 1208-1217.	3.1	27
66	Psychometric properties of the persian language version of the system usability scale. <i>Health Promotion Perspectives</i> , 2014, 4, 82-9.	1.9	42
67	Demographic Factors and their Relation to Fatigue and Mental Disorders in 12-Hour Petrochemical Shift Workers. <i>Health Promotion Perspectives</i> , 2014, 4, 165-72.	1.9	22
68	Electromyographic Activity of Soleus and Tibialis Anterior Muscles during Ascending and Descending Stairs of Different Heights. <i>Health Promotion Perspectives</i> , 2014, 4, 173-9.	1.9	5
69	Employees' perception of lighting conditions in manufacturing plants: associations with illuminance measurements. <i>Journal of Research in Health Sciences</i> , 2014, 14, 40-5.	1.0	3
70	Classroom furniture and anthropometric characteristics of Iranian high school students: Proposed dimensions based on anthropometric data. <i>Applied Ergonomics</i> , 2013, 44, 101-108.	3.1	101
71	The use of schoolbags and musculoskeletal symptoms among primary school children: are the recommended weight limits adequate?. <i>Ergonomics</i> , 2013, 56, 79-89.	2.1	43
72	Objective and subjective assessments of lighting in a hospital setting: implications for health, safety and performance. <i>Ergonomics</i> , 2013, 56, 1535-1545.	2.1	53

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73	Student's Body Dimensions in Relation to Classroom Furniture. Health Promotion Perspectives, 2013, 3, 165-74.	1.9	14
74	Methodology for evaluating gloves in relation to the effects on hand performance capabilities: a literature review. Ergonomics, 2012, 55, 1429-1451.	2.1	63
75	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
76	Ergonomics/Human factors needs of an ageing workforce in the manufacturing sector. Health Promotion Perspectives, 2012, 2, 112-25.	1.9	14
77	Awareness of Parents about Characteristics of a Healthy School Backpack. Health Promotion Perspectives, 2012, 2, 166-72.	1.9	11
78	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
79	Characteristics of unintentional carbon monoxide poisoning in Northwest Iran " Tabriz. International Journal of Injury Control and Safety Promotion, 2011, 18, 313-320.	2.0	15
80	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
81	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
82	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
83	Glove Effects on Hand Performance Capabilities in a Light Assembly Task. , 2008, , 431-435.		0