Waldemar Karwowski

List of Publications by Year
in descending order

208 papers	3,454 citations	186254 28 h-index	206102 48 g-index
235 all docs	235 docs citations	235 times ranked	2733 citing authors

#	Article	IF	Citations
1	Application of Graph Theory for Identifying Connectivity Patterns in Human Brain Networks: A Systematic Review. Frontiers in Neuroscience, 2019, 13, 585.	2.8	398
2	A Comparison of Three Observational Techniques for Assessing Postural Loads in Industry. International Journal of Occupational Safety and Ergonomics, 2007, 13, 3-14.	1.9	149
3	A Review of Human Factors Challenges of Complex Adaptive Systems. Human Factors, 2012, 54, 983-995.	3.5	112
4	The Hospitality Industry in the Face of the COVID-19 Pandemic: Current Topics and Research Methods. International Journal of Environmental Research and Public Health, 2020, 17, 7366.	2.6	108
5	Human performance in lean production environment: Critical assessment and research framework. Human Factors and Ergonomics in Manufacturing, 2003, 13, 317-330.	2.7	91
6	The effects of neutral posture deviations on perceived joint discomfort ratings in sitting and standing postures. Ergonomics, 1993, 36, 785-792.	2.1	78
7	STATUS IN HUMAN STRENGTH RESEARCH AND APPLICATION. IIE Transactions, 1993, 25, 57-69.	2.1	70
8	Neural Decoding of EEG Signals with Machine Learning: A Systematic Review. Brain Sciences, 2021, 11, 1525.	2.3	68
9	A System Dynamics Simulation Applied to Healthcare: A Systematic Review. International Journal of Environmental Research and Public Health, 2020, 17, 5741.	2.6	67
10	Reliability of the psychophysical approach to manual lifting of liquids by females. Ergonomics, 1986, 29, 237-248.	2.1	64
11	The boundaries for joint angles of isocomfort for sitting and standing males based on perceived comfort of static joint postures. Ergonomics, 2001, 44, 614-648.	2.1	63
12	Fuzzy concepts in production management research: a review. International Journal of Production Research, 1986, 24, 129-147.	7.5	59
13	A Graph Theory-Based Modeling of Functional Brain Connectivity Based on EEG: A Systematic Review in the Context of Neuroergonomics. IEEE Access, 2020, 8, 155103-155135.	4.2	55
14	Complexity, fuzziness, and ergonomic incompatibility issues in the control of dynamic work environments. Ergonomics, 1991, 34, 671-686.	2.1	53
15	Relationship between risk factors and musculoskeletal disorders in the nursing profession: A systematic review. Occupational Ergonomics, 2005, 4, 241-279.	0.3	53
16	Burnout syndrome as a mediator for the effect of work-related factors on musculoskeletal complaints among hospital nurses. International Journal of Industrial Ergonomics, 2010, 40, 368-375.	2.6	51
17	Knowledge management for occupational safety, health, and ergonomics. Human Factors and Ergonomics in Manufacturing, 2006, 16, 309-319.	2.7	49
18	Applications of EEG indices for the quantification of human cognitive performance: A systematic review and bibliometric analysis. PLoS ONE, 2020, 15, e0242857.	2.5	47

#	ARTICLE	IF	CITATIONS
19	Influence of Cognitive Biases in Distorting Decision Making and Leading to Critical Unfavorable Incidents. Safety, 2015, 1, 44-58.	1.7	45
20	Brain at Work and in Everyday Life as the Next Frontier: Grand Field Challenges for Neuroergonomics. Frontiers in Neuroergonomics, 2020, 1, .	1.1	42
21	Assessing Patient Safety Culture in Hospital Settings. International Journal of Environmental Research and Public Health, 2021, 18, 2466.	2.6	40
22	Isometric and isokinetic testing of lifting strength of males in teamwork. Ergonomics, 1986, 29, 869-878.	2.1	39
23	The effects of computer interface design on human postural dynamics. Ergonomics, 1994, 37, 703-724.	2.1	38
24	Prediction of Maximum Acceptable Weight of Lift in the Horizontal and Vertical Planes Using Simulated Job Dynamic Strengths. AIHA Journal, 1986, 47, 288-292.	0.4	37
25	Psychophysical basis for maximum pushing and pulling forces: A review andÂrecommendations. International Journal of Industrial Ergonomics, 2014, 44, 281-291.	2.6	37
26	A comprehensive lifting model: beyond the NIOSH lifting equation. Ergonomics, 1997, 40, 916-927.	2.1	35
27	The Discipline of Ergonomics and Human Factors. , 2006, , 1-31.		34
28	Physical neuroergonomics: The human brain in control of physical work activities. Theoretical Issues in Ergonomics Science, 2003, 4, 175-199.	1.8	33
29	Improving performance and quality of working life: A model for organizational health assessment in emerging enterprises. Human Factors and Ergonomics in Manufacturing, 2004, 14, 81-95.	2.7	33
30	Agile Project Management and Project Success: A Literature Review. Advances in Intelligent Systems and Computing, 2019, , 405-414.	0.6	32
31	Testing of isometric and isokinetic lifting strengths of untrained females in teamwork. Ergonomics, 1988, 31, 291-301.	2.1	28
32	The Human World of Fuzziness, Human Entropy and General Fuzzy Systems Theory. Journal of Japan Society for Fuzzy Theory and Systems, 1992, 4, 825-841.	0.0	28
33	Psychophysical acceptability and perception of load heaviness by females. Ergonomics, 1991, 34, 487-496.	2.1	27
34	Identification of Key Variables Using Fuzzy Average With Fuzzy Cluster Distribution. IEEE Transactions on Fuzzy Systems, 2007, 15, 673-685.	9.8	27
35	Assessing safety at work using an adaptive neuro-fuzzy inference system (ANFIS) approach aided by partial least squares structural equation modeling (PLS-SEM). International Journal of Industrial Ergonomics, 2020, 76, 102925.	2.6	27
36	Explainable artificial intelligence for education and training. Journal of Defense Modeling and Simulation, 2022, 19, 133-144.	1.7	27

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37	Complexity of occupational health in the hospitality industry: Dynamic simulation modeling to advance immigrant worker health. International Journal of Hospitality Management, 2017, 67, 95-105.	8.8	26
38	Neuroergonomics Applications of Electroencephalography in Physical Activities: A Systematic Review. Frontiers in Human Neuroscience, 2019, 13, 182.	2.0	23
39	Worker selection of safe speed and idle condition in simulated monitoring of two industrial robots. Ergonomics, 1991, 34, 531-546.	2.1	22
40	The Combination of Artificial Intelligence and Extended Reality: A Systematic Review. Frontiers in Virtual Reality, 2021, 2, .	3.7	22
41	Principles of work system performance optimization: A business ergonomics approach. Human Factors and Ergonomics in Manufacturing, 1999, 9, 105-128.	2.7	21
42	Human perception of robot safe speed and idle time. Behaviour and Information Technology, 1990, 9, 381-389.	4.0	20
43	A cross-validation of the NIOSH limits for manual lifting. Ergonomics, 1995, 38, 2455-2464.	2.1	20
44	Predicting the Dynamics of the COVID-19 Pandemic in the United States Using Graph Theory-Based Neural Networks. International Journal of Environmental Research and Public Health, 2021, 18, 3834.	2.6	20
45	Analysis of sentiment in tweets addressed to a single domain-specific Twitter account: Comparison of model performance and explainability of predictions. Expert Systems With Applications, 2021, 186, 115771.	7.6	20
46	Technical note: Objective and subjective rankings of scientific journals in the field of ergonomics: 2004-2005. Human Factors and Ergonomics in Manufacturing, 2005, 15, 327-332.	2.7	19
47	Effects of auditory and tactile warning on response to visual hazards under a noisy environment. Applied Ergonomics, 2017, 60, 58-67.	3.1	19
48	Effects of Chronic Sleep Restriction on the Brain Functional Network, as Revealed by Graph Theory. Frontiers in Neuroscience, 2019, 13, 1087.	2.8	19
49	Interactive Management of Human Factors Knowledge for Human Systems Integration Using Systems Modeling Language. Information Systems Management, 2009, 26, 262-274.	5.7	18
50	Investigating the relationship between adverse events and infrastructure development in an active war theater using soft computing techniques. Applied Soft Computing Journal, 2014, 25, 204-214.	7.2	18
51	An expert cognitive approach to evaluate physical effort and injury risk in manual lifting?A brief report of a pilot study. Human Factors and Ergonomics in Manufacturing, 2002, 12, 227-234.	2.7	17
52	The situational reflection of reality in activity theory and the concept of situation awareness in cognitive psychology. Theoretical Issues in Ergonomics Science, 2004, 5, 275-296.	1.8	17
53	The Chaotic Behavior of the Spread of Infection During the COVID-19 Pandemic in the United States and Globally. IEEE Access, 2021, 9, 80692-80702.	4.2	17
54	Classification of jobs with risk of low back disorders by applying data mining techniques. Occupational Ergonomics, 2005, 4, 291-305.	0.3	17

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55	Predicting the occurrence of adverse events using an adaptive neuro-fuzzy inference system (ANFIS) approach with the help of ANFIS input selection. Artificial Intelligence Review, 2017, 48, 139-155.	15.7	16
56	Diurnal variations of resting-state fMRI data: A graph-based analysis. NeuroImage, 2022, 256, 119246.	4.2	16
57	A Study of the Effects of the COVID-19 Pandemic on the Experience of Back Pain Reported on Twitter® in the United States: A Natural Language Processing Approach. International Journal of Environmental Research and Public Health, 2021, 18, 4543.	2.6	15
58	Self-evaluation of biomechanical task demands, work environment and perceived risk of injury by nurses: A field study. Occupational Ergonomics, 2005, 5, 13-27.	0.3	15
59	Mental fatigue at work and pain perception. Work and Stress, 1988, 2, 133-137.	4.5	14
60	Analysis of self‐reported accidents attributed to advanced manufacturing systems. International Journal of Human Factors in Manufacturing, 1995, 5, 251-266.	0.4	14
61	A methodology for systemic-structural analysis and design of manual-based manufacturing operations. Human Factors and Ergonomics in Manufacturing, 2001, 11, 233-253.	2.7	14
62	Temporal variability in human performance: A systematic literature review. International Journal of Industrial Ergonomics, 2018, 64, 31-50.	2.6	14
63	Affective and Stress Consequences of Cyberbullying. Symmetry, 2020, 12, 1536.	2.2	14
64	Identifying Diurnal Variability of Brain Connectivity Patterns Using Graph Theory. Brain Sciences, 2021, 11, 111.	2.3	14
65	Controlling Safety of Artificial Intelligence-Based Systems in Healthcare. Symmetry, 2021, 13, 102.	2.2	14
66	Muscular loading and subjective ratings of muscular tension by novices when typing with standard and split‐design computer keyboards. International Journal of Human-Computer Interaction, 1992, 4, 387-394.	4.8	13
67	Causes and safety effects of production disturbances in FMS installations: A comparison of field survey studies in the USA and Finland. International Journal of Human Factors in Manufacturing, 1996, 6, 57-72.	0.4	13
68	A Classification System for Characterization of Physical and Non-Physical Work Factors. International Journal of Occupational Safety and Ergonomics, 2000, 6, 535-555.	1.9	13
69	Fuzzy Inference Modeling with the Help of Fuzzy Clustering for Predicting the Occurrence of Adverse Events in an Active Theater of War. Applied Artificial Intelligence, 2015, 29, 945-961.	3.2	13
70	Text Guide: Improving the Quality of Long Text Classification by a Text Selection Method Based on Feature Importance. IEEE Access, 2021, 9, 105439-105450.	4.2	13
71	Cognitive Ergonomics; Requisite Compatibility, Fuzziness and Nonlinear Dynamics. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 580-583.	0.3	12
72	Research to practice: Effectiveness of controlled workplace interventions to reduce musculoskeletal disorders in the manufacturing environment—critical appraisal and meta‐analysis. Human Factors and Ergonomics in Manufacturing, 2008, 18, 93-124.	2.7	12

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73	Interventions in the construction industry: A systematic review and critical appraisal. Human Factors and Ergonomics in Manufacturing, 2008, 18, 212-229.	2.7	12
74	Comparing the Quality and Speed of Sentence Classification with Modern Language Models. Applied Sciences (Switzerland), 2020, 10, 3386.	2.5	12
75	Optimizing COVID-19 vaccine distribution across the United States using deterministic and stochastic recurrent neural networks. PLoS ONE, 2021, 16, e0253925.	2.5	12
76	Detection of error-related negativity in complex visual stimuli: a new neuroergonomic arrow in the practitionerâ€™s quiver. Ergonomics, 2017, 60, 234-240.	2.1	11
77	Enhanced performance for in-vehicle display placed around back mirror by means of tactile warning. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 58, 605-618.	3.7	11
78	Application of soft computing techniques for estimating emotionalÂstates expressed in TwitterÂ® time series data. Neural Computing and Applications, 2020, 32, 3535-3548.	5.6	11
79	Measurement of management efforts with respect to integration of quality, safety, and ergonomics issues in manufacturing industry. Human Factors and Ergonomics in Manufacturing, 2005, 15, 213-232.	2.7	10
80	The nano enterprise: A survey of health and safety concerns, considerations, and proposed improvement strategies to reduce potential adverse effects. Human Factors and Ergonomics in Manufacturing, 2006, 16, 343-368.	2.7	10
81	The work compatibility improvement framework: Defining and measuring the human-at-work system. Human Factors and Ergonomics in Manufacturing, 2007, 17, 163-226.	2.7	10
82	New Service Development Process. , 0, , 253-267.		10
83	Applications of fuzzyâ€based linguistic patterns for the assessment of computer screen design quality. International Journal of Human-Computer Interaction, 1995, 7, 193-212.	4.8	9
84	Nanotechnology occupational and environmental health and safety: Education and research needs for an emerging interdisciplinary field of study. Human Factors and Ergonomics in Manufacturing, 2006, 16, 247-253.	2.7	9
85	Effect of forklift operation on lower back pain: An evidenceâ€based approach. Human Factors and Ergonomics in Manufacturing, 2008, 18, 125-151.	2.7	9
86	A critical appraisal of epidemiological studies investigating the effects of ultrafine particles on human health. Human Factors and Ergonomics in Manufacturing, 2008, 18, 358-373.	2.7	9
87	Service Processes. , 0, , 338-364.		9
88	Managing Service Innovation. , 0, , 576-601.		9
89	Customer-Centered Design of Service Organizations. , 0, , 177-206.		9
90	Knowledge Discovery Through Experiential Learning From Business and Other Contemporary Data Sources: A Review and Reappraisal. Information Systems Management, 2011, 28, 258-274.	5.7	9

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91	Promoting safety mindfulness: Recommendations for the design and use of simulation-based training in radiation therapy. Advances in Radiation Oncology, 2018, 3, 197-204.	1.2	9
92	Assessment of the perceived safety culture in the petrochemical industry in Japan: A cross-sectional study. PLoS ONE, 2019, 14, e0226416.	2.5	9
93	Automatic Lock of Cursor Movement: Implications for an Efficient Eye-Gaze Input Method for Drag and Menu Selection. IEEE Transactions on Human-Machine Systems, 2019, 49, 259-267.	3.5	9
94	Predicting the Volume of Response to Tweets Posted by a Single Twitter Account. Symmetry, 2020, 12, 1054.	2.2	9
95	Assessment of working postures and physical loading in advanced order picking tasks: A case study of human interaction with automated warehouse goods-to-picker systems. Work, 2020, 67, 855-866.	1.1	9
96	User-centered systems engineering approach to design and modeling of smarter products. , 2010, , .		8
97	Identification and Prediction of Human Behavior through Mining of Unstructured Textual Data. Symmetry, 2020, 12, 1902.	2.2	8
98	Assessing the Relationship between Economic Factors and Adverse Events in an Active War Theater Using Fuzzy Inference System Approach. International Journal of Machine Learning and Computing, 2015, 5, 252-257.	0.6	8
99	A Heart Rate Evaluation Approach to Determine Cost-Effectiveness an Ergonomics Intervention. International Journal of Occupational Safety and Ergonomics, 2001, 7, 121-133.	1.9	7
100	A roadmap for a methodology to assess, improve and sustain intra- and inter-enterprise system performance with respect to technology-product life cycle in small and medium manufacturers. Human Factors and Ergonomics in Manufacturing, 2008, 18, 70-84.	2.7	7
101	Application of Systemic-Structural Theory of Activity in the Development of Predictive Models of User Performance. International Journal of Human-Computer Interaction, 2008, 24, 239-274.	4.8	7
102	Estimating intrinsic dimensionality using the multi-criteria decision weighted model and the average standard estimator. Information Sciences, 2010, 180, 2845-2855.	6.9	7
103	The complexity of human performance variability on watch standing task. Applied Ergonomics, 2019, 79, 169-177.	3.1	7
104	Batch and data streaming classification models for detecting adverse events and understanding the influencing factors. Engineering Applications of Artificial Intelligence, 2019, 85, 72-84.	8.1	7
105	On the Root Causes of the Fukushima Daiichi Disaster from the Perspective of High Complexity and Tight Coupling in Large-Scale Systems. Symmetry, 2021, 13, 414.	2.2	7
106	A Perspective on Mathematical Modeling in Human Factors. Advances in Human Factors/Ergonomics, 1986, 6, 3-27.	0.1	7
107	Fuzzy Concepts in Human Factors/Ergonomics Research. Advances in Human Factors/Ergonomics, 1986, 6, 41-54.	0.1	7
108	The self-regulation concept of motivation at work. Theoretical Issues in Ergonomics Science, 2006, 7, 413-436.	1.8	6

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109	Health effects of nanomaterials: A critical appraisal approach and research to practice. Human Factors and Ergonomics in Manufacturing, 2008, 18, 293-341.	2.7	6
110	A Unified Service Theory. , 0, , 31-47.		6
111	A method for predicting the risk of virtual crashes in a simulated driving task using behavioural and subjective drowsiness measures. Ergonomics, 2017, 60, 714-730.	2.1	6
112	A fuzzy overlay model for mapping adverse event risk in an active war theatre. Journal of Experimental and Theoretical Artificial Intelligence, 2018, , 1-11.	2.8	6
113	The scale of Work-Related Affective Feelings (WORAF). Applied Ergonomics, 2020, 82, 102945.	3.1	6
114	Safety knowledge and safe practices at work: A study of Polish industrial enterprises. Work, 2020, 65, 349-359.	1.1	6
115	Application of Structural Equation Modeling (SEM) and an Adaptive Neuro-Fuzzy Inference System (ANFIS) for Assessment of Safety Culture: An Integrated Modeling Approach. Safety, 2020, 6, 14.	1.7	6
116	The seat of happiness? The effect of seat comfort on the achievement of psychological flow during transactional work. Applied Ergonomics, 2021, 96, 103508.	3.1	6
117	The COVID-19 Infection Diffusion in the US and Japan: A Graph-Theoretical Approach. Biology, 2022, 11, 125.	2.8	6
118	Assessing Patient Safety Culture in United States Hospitals. International Journal of Environmental Research and Public Health, 2022, 19, 2353.	2.6	6
119	Service Operations and Management. , 0, , 295-315.		5
120	Application of Evolving Self-Organizing Maps for Analysis of Human Adverse Events in the Context of Complex Socioeconomic Infrastructure Interactions. IEEE Transactions on Human-Machine Systems, 2015, 45, 500-509.	3.5	5
121	Automated Classification of Evidence of Respect in the Communication through Twitter. Applied Sciences (Switzerland), 2021, 11, 1294.	2.5	5
122	Nonlinear behavior of the center of pressure in simulated standing on elevated construction beams. Work, 2009, 34, 195-203.	1.1	4
123	Architecture of Service Organizations. , 0, , 109-134.		4
124	A system-of-systems engineering approach to leadership and innovation: Sustainable STEM education and workforce development through the Smart Cities initiative. Qscience Proceedings, 2014, , .	0.0	4
125	A framework for simulation-based task analysis - The development of a universal task analysis simulation model. , 2015, , .		4
126	A nonlinear dynamics of trunk kinematics during manual lifting tasks. Work, 2015, 51, 423-437.	1.1	4

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127	Application of Standardized Motions in Temporal Analysis of Work Activity. Human Factors and Ergonomics in Manufacturing, 2015, 25, 469-483.	2.7	4
128	Empathy and Modern Technology: A Neuroergonomics Perspective. Human Factors and Ergonomics in Manufacturing, 2016, 26, 266-284.	2.7	4
129	Assessment of Driver's Drowsiness Based on Fractal Dimensional Analysis of Sitting and Back Pressure Measurements. Frontiers in Psychology, 2018, 9, 2362.	2.1	4
130	The relationships between the use of smart mobile technology, safety knowledge and propensity to follow safe practices at work. International Journal of Occupational Safety and Ergonomics, 2019, 27, 1-10.	1.9	4
131	A Cross-Sectional Study of the Relationships between Work-Related Affective Feelings Expressed by Workers in Turkey. International Journal of Environmental Research and Public Health, 2020, 17, 9470.	2.6	4
132	Development of an Eye-Gaze Input System With High Speed and Accuracy through Target Prediction Based on Homing Eye Movements. IEEE Access, 2021, 9, 22688-22697.	4.2	4
133	Analysis of Human Behavior by Mining Textual Data: Current Research Topics and Analytical Techniques. Symmetry, 2021, 13, 1276.	2.2	4
134	Intelligent Neural Network Based Decision Unit for Robot Safety. Journal of Intelligent and Fuzzy Systems, 1996, 4, 177-191.	1.4	3
135	Automated tuning of an electronic circuit board using the artificial neural network approach. Journal of Intelligent Manufacturing, 1996, 7, 329-339.	7.3	3
136	Manual Materials Handling. , 2006, , 818-854.		3
137	Design of Collaborative e-Service Systems. , 0, , 227-252.		3
138	User-centered Systems Engineering & Knowledge Management Framework for Design & Modeling of Future Smart Cities. Proceedings of the Human Factors and Ergonomics Society, 2010, 54, 1752-1756.	0.3	3
139	Understanding Patterns of Infrastructure Development in the Active War Theater of Afghanistan Over the Period 2002-2010. Procedia Manufacturing, 2015, 3, 3876-3882.	1.9	3
140	Emotional and Stress Responses to Cyberbullying. Advances in Intelligent Systems and Computing, 2019, , 33-43.	0.6	3
141	Simulation-based evaluation of patient appointment policies for a primary care clinic with unscheduled visits: a case study. International Journal of Human Factors Modelling and Simulation, 2019, 7, 152.	0.2	3
142	Automated Detection of Leadership Qualities Using Textual Data at the Message Level. IEEE Access, 2021, 9, 57141-57148.	4.2	3
143	Asymmetry of Authority or Information Underlying Insufficient Communication Associated with a Risk of Crashes or Incidents in Passenger Railway Transportation. Symmetry, 2021, 13, 803.	2.2	3
144	ITONUS: Expert system for machining on a lathe. Journal of Intelligent Manufacturing, 1991, 2, 353-363.	7.3	2

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145	Nonlinear Behavior of Muscle Responses for Four Static Postures Observed at Work. Proceedings of the Human Factors and Ergonomics Society, 2004, 48, 1285-1289.	0.3	2
146	Human Factors and Ergonomics Standards. , 2006, , 1485-1516.		2
147	The emerging field of health engineering. Theoretical Issues in Ergonomics Science, 2006, 7, 169-179.	1.8	2
148	Factors affecting healthcare costs in manufacturing. Human Factors and Ergonomics in Manufacturing, 2008, 18, 199-211.	2.7	2
149	The Development of Web-Based Services. , 0, , 502-532.		2
150	Service Enterprise Modeling. , 0, , 135-158.		2
151	Estimating electromyography responses using an adaptive neuro–fuzzy inference system with subtractive clustering. Human Factors and Ergonomics in Manufacturing, 2017, 27, 177-186.	2.7	2
152	A System-of-Systems Framework for Improved Human, Ecologic and Economic Well-Being. Sustainability, 2017, 9, 616.	3.2	2
153	Revisiting Text Guide, a Truncation Method for Long Text Classification. Applied Sciences (Switzerland), 2021, 11, 8554.	2.5	2
154	Theoretical and experimental evaluation of the multiplicative lifting equation and the general lifting index. Occupational Ergonomics, 2006, 6, 13-24.	0.3	2
155	Sensitivity of PERCLOS70 to Drowsiness Level: Effectiveness of PERCLOS70 to Prevent Crashes Caused by Drowsiness. IEEE Access, 2022, 10, 70806-70814.	4.2	2
156	Aggregation of Evidence in a Fuzzy Knowledge-Based Method for Automated Tuning of Microwave Electric Circuits. Journal of Intelligent and Fuzzy Systems, 1994, 2, 299-313.	1.4	1
157	A Neuro-Fuzzy Model for Predicting EMG of Trunk Muscles Based on Lifting Task Variables. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 276-279.	0.3	1
158	Is Chaos Present in Static Postures Observed at Work: A Nonlinear Dynamics-Based Analysis of Surface EMG Signals. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 1193-1197.	0.3	1
159	Development of Hybrid Solutions for Customers-A Challenge for Organizations in a Competitive Environment. , 0, , 71-99.		1
160	A Methodology for Designing Services: A Modeling Method, Design Method, CAD Tool, and Their Industrial Applications. , 0, , 268-293.		1
161	Integrating Service Quality and Human Factors. , 0, , 433-443.		1
162	Web Service Technology. , 0, , 488-501.		1

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163	Enterprise Value Creation in the Global Service Economy. , 0, , 100-108.		1
164	Computational Methods for Analyzing Functional and Effective Brain Network Connectivity Using fMRI. Advances in Intelligent Systems and Computing, 2019, , 101-112.	0.6	1
165	A Cellular Automata Model of the Relationship between Adverse Events and Regional Infrastructure Development in an Active War Theater. Technologies, 2019, 7, 54.	5.1	1
166	The Cybernetic Return in Human Factors/Ergonomics (HFE). Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 894-898.	0.3	1
167	Brain Functional Network Architecture Reorganization and Alterations of Positive and Negative Affect, Experiencing Pleasure and Daytime Sleepiness in Cataract Patients after Intraocular Lenses Implantation. Brain Sciences, 2021, 11, 1275.	2.3	1
168	The Influence of Intraocular Lens Implantation and Alterations in Blue Light Transmittance Level on the Brain Functional Network Architecture Reorganization in Cataract Patients. Brain Sciences, 2021, 11, 1400.	2.3	1
169	Task parameters affecting human physical ability and willingness to lift: An ecological approach. Occupational Ergonomics, 2003, 3, 109-119.	0.3	1
170	Effects of three keyboard designs on wrist and forearm postures and typing task performance. Occupational Ergonomics, 2007, 7, 115-123.	0.3	1
171	Load heaviness and perceived weight lifted: Implications of human cognition for setting design limits in manual lifting tasks. Occupational Ergonomics, 1998, 1, 291-303.	0.3	1
172	Evidence of Chaos in Human Emotions Expressed in Tweets. Nonlinear Dynamics, Psychology, and Life Sciences, 2020, 24, 475-497.	0.2	1
173	Editorial A new start. Ergonomics, 1991, 34, i-ii.	2.1	0
174	Intelligent Macroergonomics Approach for Evaluation of Integrated Manufacturing, Organization, Human Resources, and Information Systems. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 2-582-2-585.	0.3	0
175	Evaluation of Body Joint Motion Stressfulness Based on Perceived Discomfort. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 5-595-5-595.	0.3	0
176	Comparison of Perceived Discomfort for Static Joint Motions between Male and Female Subjects. Proceedings of the Human Factors and Ergonomics Society, 2001, 45, 1151-1155.	0.3	0
177	Methodological Approaches to Research on Musculoskeletal Complaints and Injuries. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 1032-1036.	0.3	0
178	Estimation of EMG Activity of Trunk Muscles in Manual Lifting Tasks Based on Trunk Dynamics Using the Fuzzy Relational Rule Network. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 1208-1212.	0.3	0
179	Work-Related Upper Extremity Musculoskeletal Disorders. , 2006, , 855-888.		0
180	In memory of Antonio Grieco (1931â€"2003). Ergonomics, 2007, 50, 1715-1716.	2.1	0

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181	Lean Service. , 0, , 379-402.		0
182	Work in the Service Economy. , 0, , 48-70.		0
183	Human Factors and Ergonomics in Manufacturing & Service Industries. , 0, , 660-660.		0
184	Design of Service-Oriented Architecture (SOA). , 0, , 207-226.		0
185	A Service Perspective of Marketing, Operations, and Value Creation. , 0, , 316-337.		0
186	Service Call Centers: Design and Operation. , 0, , 365-378.		0
187	Designing Web-Based Services. , 0, , 445-487.		0
188	Global e-Organization. , 0, , 533-543.		0
189	Streamlining the Delivery of Complex SOA Solutions with Global Resources. , 0, , 602-620.		0
190	Technology Transfer Streams and Variants of Gaining Them in Service Industry. , 0, , 621-644.		0
191	Applying the Methods of Systems Engineering to Services Engineering. , 0, , 159-175.		0
192	Managing Performance Complexity and Manpower Sustainability with Systems Engineering. Proceedings of the Human Factors and Ergonomics Society, 2013, 57, 1066-1070.	0.3	0
193	Time Study in Ergonomics and Psychology. Advances in Intelligent Systems and Computing, 2019, , 217-224.	0.6	0
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