

# Waldemar Karwowski

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6766526/waldemar-karwowski-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

206  
papers

2,120  
citations

24  
h-index

39  
g-index

235  
ext. papers

2,705  
ext. citations

2.6  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
206	Application of Graph Theory for Identifying Connectivity Patterns in Human Brain Networks: A Systematic Review. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 585	5.1	150
205	A comparison of three observational techniques for assessing postural loads in industry. <i>International Journal of Occupational Safety and Ergonomics</i> , <b>2007</b> , 13, 3-14	2.1	115
204	The effects of neutral posture deviations on perceived joint discomfort ratings in sitting and standing postures. <i>Ergonomics</i> , <b>1993</b> , 36, 785-92	2.9	73
203	A review of human factors challenges of complex adaptive systems: discovering and understanding chaos in human performance. <i>Human Factors</i> , <b>2012</b> , 54, 983-95	3.8	70
202	Human performance in lean production environment: Critical assessment and research framework. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2003</b> , 13, 317-330	1.4	69
201	STATUS IN HUMAN STRENGTH RESEARCH AND APPLICATION. <i>IIE Transactions</i> , <b>1993</b> , 25, 57-69		68
200	Reliability of the psychophysical approach to manual lifting of liquids by females. <i>Ergonomics</i> , <b>1986</b> , 29, 237-48	2.9	60
199	The Hospitality Industry in the Face of the COVID-19 Pandemic: Current Topics and Research Methods. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	52
198	The boundaries for joint angles of isocomfort for sitting and standing males based on perceived comfort of static joint postures. <i>Ergonomics</i> , <b>2001</b> , 44, 614-48	2.9	51
197	Fuzzy concepts in production management research: a review. <i>International Journal of Production Research</i> , <b>1986</b> , 24, 129-147	7.8	47
196	Relationship between risk factors and musculoskeletal disorders in the nursing profession: A systematic review. <i>Occupational Ergonomics</i> , <b>2005</b> , 4, 241-279		46
195	Burnout syndrome as a mediator for the effect of work-related factors on musculoskeletal complaints among hospital nurses. <i>International Journal of Industrial Ergonomics</i> , <b>2010</b> , 40, 368-375	2.9	43
194	Complexity, fuzziness, and ergonomic incompatibility issues in the control of dynamic work environments. <i>Ergonomics</i> , <b>1991</b> , 34, 671-686	2.9	42
193	Knowledge management for occupational safety, health, and ergonomics. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2006</b> , 16, 309-319	1.4	41
192	Isometric and isokinetic testing of lifting strength of males in teamwork. <i>Ergonomics</i> , <b>1986</b> , 29, 869-78	2.9	37
191	Prediction of maximum acceptable weight of lift in the horizontal and vertical planes using simulated job dynamic strengths. <i>AIHA Journal</i> , <b>1986</b> , 47, 288-92		36
190	A comprehensive lifting model: beyond the NIOSH lifting equation. <i>Ergonomics</i> , <b>1997</b> , 40, 916-27	2.9	32

189	The effects of computer interface design on human postural dynamics. <i>Ergonomics</i> , <b>1994</b> , 37, 703-24	2.9	31
188	Psychophysical basis for maximum pushing and pulling forces: A review and recommendations. <i>International Journal of Industrial Ergonomics</i> , <b>2014</b> , 44, 281-291	2.9	28
187	Improving performance and quality of working life: A model for organizational health assessment in emerging enterprises. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2004</b> , 14, 81-95	1.4	28
186	Influence of Cognitive Biases in Distorting Decision Making and Leading to Critical Unfavorable Incidents. <i>Safety</i> , <b>2015</b> , 1, 44-58	1.7	27
185	The Discipline of Ergonomics and Human Factors <b>2006</b> , 1-31		27
184	Service Science: Toward a Smarter Planet1-30		25
183	Testing of isometric and isokinetic lifting strengths of untrained females in teamwork. <i>Ergonomics</i> , <b>1988</b> , 31, 291-301	2.9	25
182	Physical neuroergonomics: The human brain in control of physical work activities. <i>Theoretical Issues in Ergonomics Science</i> , <b>2003</b> , 4, 175-199	2.2	24
181	Psychophysical acceptability and perception of load heaviness by females. <i>Ergonomics</i> , <b>1991</b> , 34, 487-96	2.9	22
180	Identification of Key Variables Using Fuzzy Average With Fuzzy Cluster Distribution. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2007</b> , 15, 673-685	8.3	21
179	Worker selection of safe speed and idle condition in simulated monitoring of two industrial robots. <i>Ergonomics</i> , <b>1991</b> , 34, 531-46	2.9	20
178	The Human World of Fuzziness, Human Entropy and General Fuzzy Systems Theory. <i>Journal of Japan Society for Fuzzy Theory and Systems</i> , <b>1992</b> , 4, 825-841		19
177	A Graph Theory-Based Modeling of Functional Brain Connectivity Based on EEG: A Systematic Review in the Context of Neuroergonomics. <i>IEEE Access</i> , <b>2020</b> , 8, 155103-155135	3.5	18
176	Agile Project Management and Project Success: A Literature Review. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 405-414	0.4	17
175	Principles of work system performance optimization: A business ergonomics approach. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>1999</b> , 9, 105-128	1.4	17
174	A cross-validation of the NIOSH limits for manual lifting. <i>Ergonomics</i> , <b>1995</b> , 38, 2455-64	2.9	17
173	Neural Decoding of EEG Signals with Machine Learning: A Systematic Review. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	17
172	Interactive Management of Human Factors Knowledge for Human Systems Integration Using Systems Modeling Language. <i>Information Systems Management</i> , <b>2009</b> , 26, 262-274	3.1	16

171	Brain at Work and in Everyday Life as the Next Frontier: Grand Field Challenges for Neuroergonomics. <i>Frontiers in Neuroergonomics</i> , <b>2020</b> , 1,	5.3	16
170	Complexity of occupational health in the hospitality industry: Dynamic simulation modeling to advance immigrant worker health. <i>International Journal of Hospitality Management</i> , <b>2017</b> , 67, 95-105	8.3	15
169	Technical note: Objective and subjective rankings of scientific journals in the field of ergonomics: 2004-2005. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2005</b> , 15, 327-332	1.4	15
168	Effects of auditory and tactile warning on response to visual hazards under a noisy environment. <i>Applied Ergonomics</i> , <b>2017</b> , 60, 58-67	4.2	14
167	An expert cognitive approach to evaluate physical effort and injury risk in manual lifting—a brief report of a pilot study. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2002</b> , 12, 227-234	1.4	14
166	Analysis of self-reported accidents attributed to advanced manufacturing systems. <i>International Journal of Human Factors in Manufacturing</i> , <b>1995</b> , 5, 251-266		14
165	Human perception of robot safe speed and idle time. <i>Behaviour and Information Technology</i> , <b>1990</b> , 9, 381-389	2.4	14
164	Predicting the occurrence of adverse events using an adaptive neuro-fuzzy inference system (ANFIS) approach with the help of ANFIS input selection. <i>Artificial Intelligence Review</i> , <b>2017</b> , 48, 139-155	9.7	13
163	The situational reflection of reality in activity theory and the concept of situation awareness in cognitive psychology. <i>Theoretical Issues in Ergonomics Science</i> , <b>2004</b> , 5, 275-296	2.2	13
162	Classification of jobs with risk of low back disorders by applying data mining techniques. <i>Occupational Ergonomics</i> , <b>2005</b> , 4, 291-305		13
161	A System Dynamics Simulation Applied to Healthcare: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	13
160	Investigating the relationship between adverse events and infrastructure development in an active war theater using soft computing techniques. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 25, 204-214	7.5	12
159	Research to practice: Effectiveness of controlled workplace interventions to reduce musculoskeletal disorders in the manufacturing environment—critical appraisal and meta-analysis. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2008</b> , 18, 93-124	1.4	12
158	Neuroergonomics Applications of Electroencephalography in Physical Activities: A Systematic Review. <i>Frontiers in Human Neuroscience</i> , <b>2019</b> , 13, 182	3.3	11
157	Fuzzy Inference Modeling with the Help of Fuzzy Clustering for Predicting the Occurrence of Adverse Events in an Active Theater of War. <i>Applied Artificial Intelligence</i> , <b>2015</b> , 29, 945-961	2.3	11
156	Causes and safety effects of production disturbances in FMS installations: A comparison of field survey studies in the USA and Finland. <i>International Journal of Human Factors in Manufacturing</i> , <b>1996</b> , 6, 57-72		11
155	Muscular loading and subjective ratings of muscular tension by novices when typing with standard and split-design computer keyboards. <i>International Journal of Human-Computer Interaction</i> , <b>1992</b> , 4, 387-394	3.6	11
154	Mental fatigue at work and pain perception. <i>Work and Stress</i> , <b>1988</b> , 2, 133-137	6.1	11

153	Self-evaluation of biomechanical task demands, work environment and perceived risk of injury by nurses: A field study. <i>Occupational Ergonomics</i> , <b>2005</b> , 5, 13-27		11
152	Assessing safety at work using an adaptive neuro-fuzzy inference system (ANFIS) approach aided by partial least squares structural equation modeling (PLS-SEM). <i>International Journal of Industrial Ergonomics</i> , <b>2020</b> , 76, 102925	2.9	10
151	Effects of Chronic Sleep Restriction on the Brain Functional Network, as Revealed by Graph Theory. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1087	5.1	10
150	Interventions in the construction industry: A systematic review and critical appraisal. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2008</b> , 18, 212-229	1.4	10
149	A methodology for systemic-structural analysis and design of manual-based manufacturing operations. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2001</b> , 11, 233-253	1.4	10
148	A classification system for characterization of physical and non-physical work factors. <i>International Journal of Occupational Safety and Ergonomics</i> , <b>2000</b> , 6, 535-55	2.1	10
147	Cognitive Ergonomics; Requisite Compatibility, Fuzziness and Nonlinear Dynamics. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2000</b> , 44, 580-583	0.4	10
146	Detection of error-related negativity in complex visual stimuli: a new neuroergonomic arrow in the practitioner's quiver. <i>Ergonomics</i> , <b>2017</b> , 60, 234-240	2.9	9
145	Comparing the Quality and Speed of Sentence Classification with Modern Language Models. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3386	2.6	9
144	Temporal variability in human performance: A systematic literature review. <i>International Journal of Industrial Ergonomics</i> , <b>2018</b> , 64, 31-50	2.9	9
143	The nano enterprise: A survey of health and safety concerns, considerations, and proposed improvement strategies to reduce potential adverse effects. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2006</b> , 16, 343-368	1.4	9
142	The work compatibility improvement framework: Defining and measuring the human-at-work system. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2007</b> , 17, 163-226	1.4	8
141	A critical appraisal of epidemiological studies investigating the effects of ultrafine particles on human health. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2008</b> , 18, 358-373	1.4	8
140	Predicting the Volume of Response to Tweets Posted by a Single Twitter Account. <i>Symmetry</i> , <b>2020</b> , 12, 1054	2.7	8
139	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. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	8
138	Knowledge Discovery Through Experiential Learning From Business and Other Contemporary Data Sources: A Review and Reappraisal. <i>Information Systems Management</i> , <b>2011</b> , 28, 258-274	3.1	7
137	Service Processes		7
136	Nanotechnology occupational and environmental health and safety: Education and research needs for an emerging interdisciplinary field of study. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2006</b> , 16, 247-253	1.4	7

135	Measurement of management efforts with respect to integration of quality, safety, and ergonomics issues in manufacturing industry. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2005</b> , 15, 213-232	1.4	7
134	Applications of EEG indices for the quantification of human cognitive performance: A systematic review and bibliometric analysis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0242857	3.7	7
133	Assessing the Relationship between Economic Factors and Adverse Events in an Active War Theater Using Fuzzy Inference System Approach. <i>International Journal of Machine Learning and Computing</i> , <b>2015</b> , 5, 252-257	1.8	7
132	Predicting the Dynamics of the COVID-19 Pandemic in the United States Using Graph Theory-Based Neural Networks. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	7
131	Physical Tasks: Analysis, Design, and Operation1041-1110		7
130	Enhanced performance for in-vehicle display placed around back mirror by means of tactile warning. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2018</b> , 58, 605-618	4.5	6
129	Promoting safety mindfulness: Recommendations for the design and use of simulation-based training in radiation therapy. <i>Advances in Radiation Oncology</i> , <b>2018</b> , 3, 197-204	3.3	6
128	The complexity of human performance variability on watch standing task. <i>Applied Ergonomics</i> , <b>2019</b> , 79, 169-177	4.2	6
127	User-centered systems engineering approach to design and modeling of smarter products <b>2010</b> ,		6
126	New Service Development Process253-267		6
125	Estimating intrinsic dimensionality using the multi-criteria decision weighted model and the average standard estimator. <i>Information Sciences</i> , <b>2010</b> , 180, 2845-2855	7.7	6
124	Health effects of nanomaterials: A critical appraisal approach and research to practice. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2008</b> , 18, 293-341	1.4	6
123	The self-regulation concept of motivation at work. <i>Theoretical Issues in Ergonomics Science</i> , <b>2006</b> , 7, 413-436	4.36	6
122	A heart rate evaluation approach to determine cost-effectiveness an ergonomics intervention. <i>International Journal of Occupational Safety and Ergonomics</i> , <b>2001</b> , 7, 121-33	2.1	6
121	Applications of fuzzy-based linguistic patterns for the assessment of computer screen design quality. <i>International Journal of Human-Computer Interaction</i> , <b>1995</b> , 7, 193-212	3.6	6
120	A Perspective on Mathematical Modeling in Human Factors. <i>Advances in Human Factors/Ergonomics</i> , <b>1986</b> , 6, 3-27		6
119	Automatic Lock of Cursor Movement: Implications for an Efficient Eye-Gaze Input Method for Drag and Menu Selection. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2019</b> , 49, 259-267	4.1	6
118	Application of soft computing techniques for estimating emotional states expressed in Twitter time series data. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 3535-3548	4.8	6

117	Application of Systemic-Structural Theory of Activity in the Development of Predictive Models of User Performance. <i>International Journal of Human-Computer Interaction</i> , <b>2008</b> , 24, 239-274	3.6	5
116	Effect of forklift operation on lower back pain: An evidence-based approach. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2008</b> , 18, 125-151	1.4	5
115	Fuzzy Concepts in Human Factors/Ergonomics Research. <i>Advances in Human Factors/Ergonomics</i> , <b>1986</b> , 6, 41-54		5
114	Identification and Prediction of Human Behavior through Mining of Unstructured Textual Data. <i>Symmetry</i> , <b>2020</b> , 12, 1902	2.7	5
113	The Chaotic Behavior of the Spread of Infection During the COVID-19 Pandemic in the United States and Globally. <i>IEEE Access</i> , <b>2021</b> , 9, 80692-80702	3.5	5
112	Controlling Safety of Artificial Intelligence-Based Systems in Healthcare. <i>Symmetry</i> , <b>2021</b> , 13, 102	2.7	5
111	Analysis of sentiment in tweets addressed to a single domain-specific Twitter account: Comparison of model performance and explainability of predictions. <i>Expert Systems With Applications</i> , <b>2021</b> , 186, 115771	7.8	5
110	Batch and data streaming classification models for detecting adverse events and understanding the influencing factors. <i>Engineering Applications of Artificial Intelligence</i> , <b>2019</b> , 85, 72-84	7.2	4
109	A fuzzy overlay model for mapping adverse event risk in an active war theatre. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , <b>2018</b> , 1-11	2	4
108	A method for predicting the risk of virtual crashes in a simulated driving task using behavioural and subjective drowsiness measures. <i>Ergonomics</i> , <b>2017</b> , 60, 714-730	2.9	4
107	A nonlinear dynamics of trunk kinematics during manual lifting tasks. <i>Work</i> , <b>2015</b> , 51, 423-37	1.6	4
106	A system-of-systems engineering approach to leadership and innovation: Sustainable STEM education and workforce development through the Smart Cities initiative. <i>Qscience Proceedings</i> , <b>2014</b> , 2014, 12		4
105	Nonlinear behavior of the center of pressure in simulated standing on elevated construction beams. <i>Work</i> , <b>2009</b> , 34, 195-203	1.6	4
104	Customer-Centered Design of Service Organizations177-206		4
103	On the Root Causes of the Fukushima Daiichi Disaster from the Perspective of High Complexity and Tight Coupling in Large-Scale Systems. <i>Symmetry</i> , <b>2021</b> , 13, 414	2.7	4
102	The relationships between the use of smart mobile technology, safety knowledge and propensity to follow safe practices at work. <i>International Journal of Occupational Safety and Ergonomics</i> , <b>2021</b> , 27, 911-920	2.1	3
101	Application of Standardized Motions in Temporal Analysis of Work Activity. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2015</b> , 25, 469-483	1.4	3
100	Managing Service Innovation576-601		3

99	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. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2008</b> , 18, 70-84	1.4	3
98	Affective and Stress Consequences of Cyberbullying. <i>Symmetry</i> , <b>2020</b> , 12, 1536	2.7	3
97	Automated Classification of Evidence of Respect in the Communication through Twitter. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1294	2.6	3
96	Explainable artificial intelligence for education and training. <i>Journal of Defense Modeling and Simulation</i> , 154851292110286	0.4	3
95	Application of Evolving Self-Organizing Maps for Analysis of Human Adverse Events in the Context of Complex Socioeconomic Infrastructure Interactions. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2015</b> , 45, 500-509	4.1	2
94	Application of Structural Equation Modeling (SEM) and an Adaptive Neuro-Fuzzy Inference System (ANFIS) for Assessment of Safety Culture: An Integrated Modeling Approach. <i>Safety</i> , <b>2020</b> , 6, 14	1.7	2
93	Emotional and Stress Responses to Cyberbullying. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 33-43	0.4	2
92	A System-of-Systems Framework for Improved Human, Ecologic and Economic Well-Being. <i>Sustainability</i> , <b>2017</b> , 9, 616	3.6	2
91	Understanding Patterns of Infrastructure Development in the Active War Theater of Afghanistan Over the Period 2002-2010. <i>Procedia Manufacturing</i> , <b>2015</b> , 3, 3876-3882	1.5	2
90	User-centered Systems Engineering & Knowledge Management Framework for Design & Modeling of Future Smart Cities. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2010</b> , 54, 1752-1756	0.4	2
89	Service Operations and Management 295-315		2
88	Designing for Service: Creating an Experience Advantage 403-413		2
87	Complaint Management 414-432		2
86	Architecture of Service Organizations 109-134		2
85	Service Enterprise Modeling 135-158		2
84	Factors affecting healthcare costs in manufacturing. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2008</b> , 18, 199-211	1.4	2
83	Manual Materials Handling <b>2006</b> , 818-854		2
82	Human Factors and Ergonomics Standards <b>2006</b> , 1485-1516		2



81	Intelligent Neural Network Based Decision Unit for Robot Safety. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>1996</b> , 4, 177-191	1.6	2
80	Automated tuning of an electronic circuit board using the artificial neural network approach. <i>Journal of Intelligent Manufacturing</i> , <b>1996</b> , 7, 329-339	6.7	2
79	ITONUS: Expert system for machining on a lathe. <i>Journal of Intelligent Manufacturing</i> , <b>1991</b> , 2, 353-363	6.7	2
78	Theoretical and experimental evaluation of the multiplicative lifting equation and the general lifting index. <i>Occupational Ergonomics</i> , <b>2006</b> , 6, 13-24		2
77	The scale of Work-Related Affective Feelings (WORAF). <i>Applied Ergonomics</i> , <b>2020</b> , 82, 102945	4.2	2
76	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. <i>Work</i> , <b>2020</b> , 67, 855-866	1.6	2
75	Asymmetry of Authority or Information Underlying Insufficient Communication Associated with a Risk of Crashes or Incidents in Passenger Railway Transportation. <i>Symmetry</i> , <b>2021</b> , 13, 803	2.7	2
74	Assessment of the perceived safety culture in the petrochemical industry in Japan: A cross-sectional study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0226416	3.7	2
73	Identifying Diurnal Variability of Brain Connectivity Patterns Using Graph Theory. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	2
72	Assessment of Driver's Drowsiness Based on Fractal Dimensional Analysis of Sitting and Back Pressure Measurements. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 2362	3.4	2
71	Analysis of Human Behavior by Mining Textual Data: Current Research Topics and Analytical Techniques. <i>Symmetry</i> , <b>2021</b> , 13, 1276	2.7	2
70	THE DISCIPLINE OF HUMAN FACTORS AND ERGONOMICS <b>2021</b> , 1-37		2
69	The Combination of Artificial Intelligence and Extended Reality: A Systematic Review. <i>Frontiers in Virtual Reality</i> , <b>2021</b> , 2,	3	2
68	Estimating electromyography responses using an adaptive neuro-fuzzy inference system with subtractive clustering. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2017</b> , 27, 177-186	1.4	1
67	Safety knowledge and safe practices at work: A study of Polish industrial enterprises. <i>Work</i> , <b>2020</b> , 65, 349-359	1.6	1
66	A framework for simulation-based task analysis - The development of a universal task analysis simulation model <b>2015</b> ,		1
65	Design of Collaborative e-Service Systems 227-252		1
64	Integrating Service Quality and Human Factors 433-443		1

63	The Development of Web-Based Services	502-532		1
62	The Evolution of Service Engineering	¶ Toward the Implementation of Designing Integrative Solutions	545-575	1
61	The emerging field of health engineering.	<i>Theoretical Issues in Ergonomics Science</i> , <b>2006</b> , 7, 169-179	2.2	1
60	Nonlinear Behavior of Muscle Responses for Four Static Postures Observed at Work.	<i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2004</b> , 48, 1285-1289	0.4	1
59	Is Chaos Present in Static Postures Observed at Work: A Nonlinear Dynamics-Based Analysis of Surface EMG Signals.	<i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2003</b> , 47, 1193-1197	0.4	1
58	A Neuro-Fuzzy Model for Predicting EMG of Trunk Muscles Based on Lifting Task Variables.	<i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2000</b> , 44, 276-279	0.4	1
57	Aggregation of Evidence in a Fuzzy Knowledge-Based Method for Automated Tuning of Microwave Electric Circuits.	<i>Journal of Intelligent and Fuzzy Systems</i> , <b>1994</b> , 2, 299-313	1.6	1
56	Task parameters affecting human physical ability and willingness to lift: An ecological approach.	<i>Occupational Ergonomics</i> , <b>2003</b> , 3, 109-119		1
55	Effects of three keyboard designs on wrist and forearm postures and typing task performance.	<i>Occupational Ergonomics</i> , <b>2007</b> , 7, 115-123		1
54	Load heaviness and perceived weight lifted: Implications of human cognition for setting design limits in manual lifting tasks.	<i>Occupational Ergonomics</i> , <b>1998</b> , 1, 291-303		1
53	Empathy and Modern Technology: A Neuroergonomics Perspective.	<i>Human Factors and Ergonomics in Manufacturing</i> , <b>2016</b> , 26, 266-284	1.4	1
52	Simulation-based evaluation of patient appointment policies for a primary care clinic with unscheduled visits: a case study.	<i>International Journal of Human Factors Modelling and Simulation</i> , <b>2019</b> , 7, 152	1.3	1
51	The Cybernetic Return in Human Factors/Ergonomics (HFE).	<i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2019</b> , 63, 894-898	0.4	1
50	Text Guide: Improving the Quality of Long Text Classification by a Text Selection Method Based on Feature Importance.	<i>IEEE Access</i> , <b>2021</b> , 9, 105439-105450	3.5	1
49	Development of an Eye-Gaze Input System With High Speed and Accuracy through Target Prediction Based on Homing Eye Movements.	<i>IEEE Access</i> , <b>2021</b> , 9, 22688-22697	3.5	1
48	Automated Detection of Leadership Qualities Using Textual Data at the Message Level.	<i>IEEE Access</i> , <b>2021</b> , 1-1	3.5	1
47	Optimizing COVID-19 vaccine distribution across the United States using deterministic and stochastic recurrent neural networks.	<i>PLoS ONE</i> , <b>2021</b> , 16, e0253925	3.7	1
46	HUMAN FACTORS AND ERGONOMICS IN DESIGN OF A 3 : AUTOMATION, AUTONOMY, AND ARTIFICIAL INTELLIGENCE	<b>2021</b> , 1385-1416		1

45	BASIC BIOMECHANICS AND WORKPLACE DESIGN <b>2021</b> , 303-357		1
44	HUMAN FACTORS AND ERGONOMICS STANDARDS <b>2021</b> , 1305-1350		1
43	Revisiting Text Guide, a Truncation Method for Long Text Classification. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 8554	2.6	1
42	Evidence of Chaos in Human Emotions Expressed in Tweets. <i>Nonlinear Dynamics, Psychology, and Life Sciences</i> , <b>2020</b> , 24, 475-497	0.4	1
41	A Unified Service Theory31-47		0
40	The seat of happiness? The effect of seat comfort on the achievement of psychological flow during transactional work. <i>Applied Ergonomics</i> , <b>2021</b> , 96, 103508	4.2	0
39	Diurnal variations of resting-state fMRI data: A graph-based analysis.. <i>NeuroImage</i> , <b>2022</b> , 119246	7.9	0
38	Time Study in Ergonomics and Psychology. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 217-224	0.4	
37	Computational Methods for Analyzing Functional and Effective Brain Network Connectivity Using fMRI. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 101-112	0.4	
36	Applications of Fuzzy Cognitive Maps in Human Systems Integration. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 391-399	0.4	
35	A Cellular Automata Model of the Relationship between Adverse Events and Regional Infrastructure Development in an Active War Theater. <i>Technologies</i> , <b>2019</b> , 7, 54	2.4	
34	Managing Performance Complexity and Manpower Sustainability with Systems Engineering. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2013</b> , 57, 1066-1070	0.4	
33	Lean Service379-402		
32	Work in the Service Economy48-70		
31	Development of Hybrid Solutions for CustomersA Challenge for Organizations in a Competitive Environment71-99		
30	Design of Service-Oriented Architecture (SOA)207-226		
29	A Methodology for Designing Services: A Modeling Method, Design Method, CAD Tool, and Their Industrial Applications268-293		
28	A Service Perspective of Marketing, Operations, and Value Creation316-337		

27 Service Call Centers: Design and Operation 365-378

26 Designing Web-Based Services 445-487

25 Web Service Technology 488-501

24 Global e-Organization 533-543

23 Streamlining the Delivery of Complex SOA Solutions with Global Resources 602-620

22 Technology Transfer Streams and Variants of Gaining Them in Service Industry 621-644

21 Applying the Methods of Systems Engineering to Services Engineering 159-175

20 Enterprise Value Creation in the Global Service Economy 100-108

19 Work-Related Upper Extremity Musculoskeletal Disorders **2006**, 855-888

18 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 0.4

17 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 0.4

16 Methodological Approaches to Research on Musculoskeletal Complaints and Injuries. *Proceedings of the Human Factors and Ergonomics Society*, **2002**, 46, 1032-1036 0.4

15 Advanced Manufacturing Technology 55-69

14 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 0.4

13 Evaluation of Body Joint Motion Stressfulness Based on Perceived Discomfort. *Proceedings of the Human Factors and Ergonomics Society*, **2000**, 44, 5-595-5-595 0.4

12 Irrationality of Attitudes toward Safety under Complexity and Uncertainty Leading to Asymmetry of Information. *Symmetry*, **2021**, 13, 2111 2.7

11 The effects of lifting instructions on the psychophysically selected lifting load limits: A need for reappraisal. *Occupational Ergonomics*, **2007**, 7, 43-51

10 Detecting Adverse Events in an Active Theater of War Using Advanced Computational Intelligence Techniques. *Advances in Intelligent Systems and Computing*, **2019**, 914-921 0.4

- 9 A Review on Applications of Soft Computing Techniques in Neuroergonomics During the Last Decade. *Advances in Intelligent Systems and Computing*, **2021**, 37-43 0.4
- 8 NAE Grand Challenges for Engineering in the 21st Century: Implications for industrial and systems engineering. *Qscience Proceedings*, **2015**, 2015, 24
- 7 Application of Systems Engineering to Safety and Risk Management: A HumanSystems Integration Perspective 681-699
- 6 Research Guide to Applications of Fuzzy Set Theory in Human Factors. *Advances in Human Factors/Ergonomics*, **1986**, 6, 395-450
- 5 Sources and Bibliography of Selected Human Factors and Ergonomics Standards **2021**, 735-753
- 4 Systemic-Structural Activity Theory and Artificial Intelligence. *Lecture Notes in Networks and Systems*, **2021**, 169-175 0.5
- 3 MANAGING LOW-BACK DISORDER RISK IN THE WORKPLACE **2021**, 597-629
- 2 Delayed Evacuation after a Disaster Because of Irrational Prediction of the Future Cumulative Precipitation Time Series under Asymmetry of Information. *Symmetry*, **2022**, 14, 6 2.7
- 1 Does Sex in Managerial Positions Really Matter? Differences in Work-Related Feelings and Behaviors.. *Psychology Research and Behavior Management*, **2021**, 14, 2045-2058 3.8