

Jorge Garca-Alcaraz

List of Publications by Citations

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

256
papers

1,476
citations

20
h-index

32
g-index

289
ext. papers

1,805
ext. citations

2
avg, IF

5.15
L-index

#	Paper	IF	Citations
256	Multi-attribute evaluation and selection of sites for agricultural product warehouses based on an Analytic Hierarchy Process. <i>Computers and Electronics in Agriculture</i> , 2014 , 100, 60-69	6.5	80
255	Human critical success factors for kaizen and its impacts in industrial performance. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 70, 2187-2198	3.2	79
254	A general perspective of Big Data: applications, tools, challenges and trends. <i>Journal of Supercomputing</i> , 2016 , 72, 3073-3113	2.5	77
253	A systematic review/survey for JIT implementation: Mexican maquiladoras as case study. <i>Computers in Industry</i> , 2014 , 65, 761-773	11.6	71
252	Critical success factors for Kaizen implementation in manufacturing industries in Mexico. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 68, 537-545	3.2	49
251	Introduction and configuration of a collaborative robot in an assembly task as a means to decrease occupational risks and increase efficiency in a manufacturing company. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019 , 57, 315-328	9.2	45
250	The training demand in organizational changes processes in the Spanish wine sector. <i>European Journal of Training and Development</i> , 2015 , 39, 315-331	1.6	40
249	Intuitionistic fuzzy TOPSIS for ergonomic compatibility evaluation of advanced manufacturing technology. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 70, 2283-2292	3.2	39
248	A hierarchical fuzzy axiomatic design methodology for ergonomic compatibility evaluation of advanced manufacturing technology. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 66, 171-186	3.2	38
247	Optimization of the material flow in a manufacturing plant by use of artificial bee colony algorithm. <i>Expert Systems With Applications</i> , 2013 , 40, 4785-4790	7.8	33
246	The Effects of Some Risk Factors in the Supply Chains Performance: A Case of Study. <i>Journal of Applied Research and Technology</i> , 2014 , 12, 958-968	1.7	32
245	Impact of suppliers' green attributes in corporate image and financial profit: case maquiladora industry. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 80, 1277-1296	3.2	29
244	Notes on Dependent Attributes in TOPSIS. <i>Procedia Computer Science</i> , 2014 , 31, 308-317	1.6	29
243	Structural equation modeling to identify the human resource value in the JIT implementation: case maquiladora sector. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 77, 1483-1497	3.2	28
242	Structural Model for the Effects of Environmental Elements on the Psychological Characteristics and Performance of the Employees of Manufacturing Systems. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	28
241	Main benefits obtained from a successful JIT implementation. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 86, 2711-2722	3.2	25
240	The impact of managerial commitment and Kaizen benefits on companies. <i>Journal of Manufacturing Technology Management</i> , 2016 , 27, 692-712	7.1	24

239	Six Sigma enablers in Mexican manufacturing companies: a proposed model. <i>Industrial Management and Data Systems</i> , 2016 , 116, 926-959	3.6	24
238	Effects of regional infrastructure and offered services in the supply chains performance: Case Ciudad Juarez. <i>DYNA (Colombia)</i> , 2014 , 81, 208	0.6	23
237	Structural equations modelling for relational analysis of JIT performance in maquiladora sector. <i>International Journal of Production Research</i> , 2014 , 52, 4931-4949	7.8	22
236	Impact of traditional and international logistic policies in supply chain performance. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 76, 913-925	3.2	20
235	Effects of Organizational Macroergonomic Compatibility Elements over Manufacturing Systems Performance. <i>Procedia Manufacturing</i> , 2015 , 3, 5715-5722	1.5	20
234	The impact of information and communication technologies (ICT) on agility, operating, and economical performance of supply chain. <i>Advances in Production Engineering and Management</i> , 2017 , 12, 29-40	2.5	20
233	An emission model as an alternative to O-D matrix in urban goods transport modelling. <i>DYNA (Colombia)</i> , 2014 , 81, 249-256	0.6	18
232	IntelliHome: An internet of things-based system for electrical energy saving in smart home environment. <i>Computational Intelligence</i> , 2020 , 36, 203-224	2.5	16
231	The Effect of SMED on Benefits Gained in Maquiladora Industry. <i>Sustainability</i> , 2016 , 8, 1237	3.6	15
230	Role of Information and Communication Technology in Green Supply Chain Implementation and Companies Performance. <i>Sustainability</i> , 2018 , 10, 1793	3.6	14
229	BROSEMWEB: A brokerage service for e-Procurement using Semantic Web Technologies. <i>Computers in Industry</i> , 2014 , 65, 828-840	11.6	11
228	The Role of Managerial Commitment and TPM Implementation Strategies in Productivity Benefits. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1153	2.6	11
227	Relationship between Burnout and Body Mass Index in Senior and Middle Managers from the Mexican Manufacturing Industry. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	10
226	Problems in the implementation process of advanced manufacturing technologies. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 64, 123-131	3.2	10
225	The Role of Green and Traditional Supplier Attributes on Business Performance. <i>Sustainability</i> , 2017 , 9, 1520	3.6	10
224	Construction of a survey to assess workload and fatigue among AMT operators in Mexico. <i>Work</i> , 2012 , 41 Suppl 1, 1790-6	1.6	10
223	Review of English literature on figurative language applied to social networks. <i>Knowledge and Information Systems</i> , 2020 , 62, 2105-2137	2.4	10
222	Human Resource Abilities and Skills in TQM for Sustainable Enterprises. <i>Sustainability</i> , 2019 , 11, 6488	3.6	10

221	Economic-environmental impact analysis of alternative systems for red wine ageing in re-used barrels. <i>Journal of Cleaner Production</i> , 2020 , 244, 118783	10.3	10
220	Replacement of electric resistive space heating by an air-source heat pump in a residential application. Environmental amortization. <i>Building and Environment</i> , 2018 , 141, 193-205	6.5	10
219	Impact of human resources on remanufacturing process, internal complexity, perceived quality of core, numerosity, and key process indicators. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019 , 59, 168-176	9.2	9
218	Information Sharing with ICT in Production Systems and Operational Performance. <i>Sustainability</i> , 2019 , 11, 3640	3.6	9
217	Interrelations among SMED Stages: A Causal Model. <i>Complexity</i> , 2017 , 2017, 1-10	1.6	9
216	Ergonomic assessment for the task of repairing computers in a manufacturing company: A case study. <i>Work</i> , 2015 , 52, 393-405	1.6	9
215	Effects of management commitment and organization of work teams on the benefits of Kaizen: Planning stage. <i>DYNA (Colombia)</i> , 2015 , 82, 76-84	0.6	9
214	Study on Mobile Augmented Reality Adoption for Mayo Language Learning. <i>Mobile Information Systems</i> , 2016 , 2016, 1-15	1.4	9
213	Evaluation of the impact of water supply disruptions in bioethanol production. <i>Computers and Industrial Engineering</i> , 2019 , 127, 1068-1088	6.4	9
212	Mediating Role of the Six Sigma Implementation Strategy and Investment in Human Resources in Economic Success and Sustainability. <i>Sustainability</i> , 2018 , 10, 1828	3.6	8
211	Determination of Burnout Syndrome among Middle and Senior Managers in Manufacturing Industry in Ciudad Juarez. <i>Procedia Manufacturing</i> , 2015 , 3, 6459-6466	1.5	8
210	Analysis of burnout syndrome, musculoskeletal complaints, and job content in middle and senior managers: Case study of manufacturing industries in Ciudad Juárez, Mexico. <i>Work</i> , 2017 , 58, 549-565	1.6	8
209	Freight consolidation as a coordination mechanism in perishable supply chains: A simulation study. <i>DYNA (Colombia)</i> , 2015 , 82, 233-242	0.6	8
208	The evaluation of conceptual design through dynamic simulation: A proposal based on TRIZ and system Dynamics. <i>Computers and Industrial Engineering</i> , 2020 , 149, 106785	6.4	8
207	The Role of Planning and Implementation of ICT in Operational Benefits. <i>Sustainability</i> , 2018 , 10, 2261	3.6	8
206	Assessment of Workload, Fatigue, and Musculoskeletal Discomfort Among Computerized Numerical Control Lathe Operators in Mexico. <i>IIEE Transactions on Occupational Ergonomics and Human Factors</i> , 2017 , 5, 65-81	4	7
205	Methodology for the reduction of energy demand during cold stabilisation in the wine industry. <i>Energy and Buildings</i> , 2017 , 142, 31-38	7	7
204	A Review of Carpal Tunnel Syndrome and Its Association with Age, Body Mass Index, Cardiovascular Risk Factors, Hand Dominance, and Sex. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3488	2.6	7

203	Desarrollo y validaci3n de un cuestionario de compatibilidad macroergon3mica. <i>Contaduria Y Administracion</i> , 2016 , 61, 478-498	0.2	7
202	Just-in-Time Elements and Benefits. <i>Management and Industrial Engineering</i> , 2016 ,	0.2	7
201	Impact of the Planning from the Kanban System on the Company's Operating Benefits. <i>Sustainability</i> , 2018 , 10, 2506	3.6	7
200	Burnout Syndrome in Police Officers and Its Relationship with Physical and Leisure Activities. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
199	Finding the Best Third-Party Logistics in the Automobile Industry: A Hybrid Approach. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-19	1.1	7
198	The Role of Green Attributes in Production Processes as Well as Their Impact on Operational, Commercial, and Economic Benefits. <i>Sustainability</i> , 2019 , 11, 1294	3.6	6
197	Multiobjective optimization of torch brazing process by a hybrid of fuzzy logic and multiobjective artificial bee colony algorithm. <i>Journal of Intelligent Manufacturing</i> , 2016 , 27, 631-638	6.7	6
196	Impact of human factor on flexibility and supply chain agility of La Rioja wineries. <i>European Journal of Industrial Engineering</i> , 2017 , 11, 663	1.1	6
195	Application of a Fuzzy Axiomatic Design Methodology for Ergonomic Compatibility Evaluation on the Selection of Plastic Molding Machines: A Case Study. <i>Procedia Manufacturing</i> , 2015 , 3, 5769-5776	1.5	6
194	A new synthesis procedure for TOPSIS based on AHP. <i>DYNA (Colombia)</i> , 2015 , 82, 11-19	0.6	6
193	Assessing the Impact of a Vinasse Pilot Plant Scale-Up on the Key Processes of the Ethanol Supply Chain. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-9	1.1	6
192	New Product Development and Innovation in the Maquiladora Industry: A Causal Model. <i>Sustainability</i> , 2016 , 8, 707	3.6	6
191	Effect of ICT integration on SC flexibility, agility and company performance: the Mexican maquiladora experience. <i>Wireless Networks</i> , 2020 , 26, 4805-4818	2.5	6
190	Improving a Manufacturing Process Using the 8Ds Method. A Case Study in a Manufacturing Company. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2433	2.6	5
189	Environmental Impact of Wine Aging Process in Oak Barrels in Wineries of La Rioja (Spain). <i>American Journal of Enology and Viticulture</i> , 2018 , 69, 302-306	2.2	5
188	Kaizen Planning, Implementing and Controlling. <i>Management and Industrial Engineering</i> , 2017 ,	0.2	5
187	Benefits of advanced manufacturing technologies. <i>African Journal of Business Management</i> , 2012 , 6,	0.5	5
186	Application of structural equation modelling to analyse the impacts of logistics services on risk perception, agility and customer service level. <i>Advances in Production Engineering and Management</i> , 2018 , 13, 179-192	2.5	5

185	Work Standardization and Anthropometric Workstation Design as an Integrated Approach to Sustainable Workplaces in the Manufacturing Industry. <i>Sustainability</i> , 2020 , 12, 3728	3.6	5
184	Techniques and Attributes Used in the Supply Chain Performance Measurement: Tendencies 2014 , 517-541		5
183	Impact of human resources on wine supply chain flexibility, quality, and economic performance. <i>Ingenieria E Investigacion</i> , 2016 , 36, 74	0.3	5
182	Evaluation of bioenergy potential from coffee pulp through System Dynamics. <i>Renewable Energy</i> , 2021 , 165, 863-877	8.1	5
181	Design of a Modular Plantar Orthosis System through the Application of TRIZ Methodology Tools. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2051	2.6	5
180	Decision Support System for Operational Risk Management in Supply Chain with 3PL Providers. <i>Intelligent Systems Reference Library</i> , 2017 , 205-222	0.8	4
179	A Brief Review of Game Engines for Educational and Serious Games Development. <i>Journal of Information Technology Research</i> , 2017 , 10, 1-22	0.7	4
178	Macroergonomics for Manufacturing Systems. <i>Management and Industrial Engineering</i> , 2018 ,	0.2	4
177	Exploitation of a Medium-Sized Fuzzy Outranking Relation Based on Multi-objective Evolutionary Algorithms to Derive a Ranking. <i>International Journal of Computational Intelligence Systems</i> , 2016 , 9, 745-764	3.4	4
176	Role of Human Knowledge and Communication on Operational Benefits Gained from Six Sigma. <i>Sustainability</i> , 2017 , 9, 1721	3.6	4
175	Reliability in urban freight distribution: A Markovian approach. <i>DYNA (Colombia)</i> , 2014 , 81, 232-239	0.6	4
174	Simulation software as a tool for supply chain analysis and improvement. <i>Computer Science and Information Systems</i> , 2016 , 13, 983-998	0.8	4
173	The Role of ICT in Educational Innovation. <i>Management and Industrial Engineering</i> , 2019 , 143-165	0.2	4
172	The Impact of Demand and Supplier on Wine's Supply Chain Performance. <i>Journal of Food Process Engineering</i> , 2016 , 39, 645-658	2.4	4
171	LINDASearch: a faceted search system for linked open datasets. <i>Wireless Networks</i> , 2020 , 26, 5645-5663	2.5	4
170	ImagIngDev: A New Approach for Developing Automatic Cross-Platform Mobile Applications Using Image Processing Techniques. <i>Computer Journal</i> , 2020 , 63, 732-757	1.3	4
169	Importance of organizational structure for TQM success and customer satisfaction. <i>Wireless Networks</i> , 2021 , 27, 1601-1614	2.5	4
168	Environmental impact of oak barrels production in Qualified Designation of Origin of Rioja. <i>Journal of Cleaner Production</i> , 2017 , 167, 208-217	10.3	3

167	The Role of Advanced Manufacturing Technologies in Production Process Performance: A Causal Model. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3741	2.6	3
166	Design Proposal of an Adjustable Workstation for Very Short and Very Tall People. <i>Procedia Manufacturing</i> , 2015 , 3, 5699-5706	1.5	3
165	Comparative environmental impact analysis of techniques for cleaning wood wine barrels. <i>Innovative Food Science and Emerging Technologies</i> , 2020 , 60, 102301	6.8	3
164	Government Support and Market Proximity: Exploring Their Relationship with Supply Chain Agility and Financial performance. <i>Sustainability</i> , 2018 , 10, 2441	3.6	3
163	Modular construction of compact Petri net models. <i>International Journal of Simulation and Process Modelling</i> , 2017 , 12, 515	0.4	3
162	The impact of human resources on the agility, flexibility and performance of wine supply chains. <i>Agricultural Economics (Czech Republic)</i> , 2017 , 63, 175-184	1.9	3
161	Selección de proveedores basada en análisis dimensional. <i>Contaduría Y Administración</i> , 2013 , 58, 249-278	0.2	3
160	Expert System Development Using Fuzzy If-Then Rules for Ergonomic Compatibility of AMT for Lean Environments 2014 , 347-369		3
159	Application of the Systems Dynamics Approach to Model Inventive Problems. <i>Lecture Notes in Computer Science</i> , 2017 , 494-506	0.9	3
158	Evaluation of Supply Chain Performance. <i>Management and Industrial Engineering</i> , 2019 ,	0.2	3
157	Zeus: A tool for generating rule-based serious games with gamification techniques. <i>IET Software</i> , 2020 , 14, 88-97	1	3
156	A System Dynamics Model to Evaluate the Impact of Production Process Disruption on Order Shipping. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 208	2.6	3
155	Effect of Quality Lean Manufacturing Tools on Commercial Benefits Gained by Mexican Maquiladoras. <i>Mathematics</i> , 2021 , 9, 971	2.3	3
154	Agricultural Tractor Selection: A Hybrid and Multi-Attribute Approach. <i>Sustainability</i> , 2016 , 8, 157	3.6	3
153	Implementation of Production Process Standardization: A Case Study of a Publishing Company from the SMEs Sector. <i>Processes</i> , 2019 , 7, 646	2.9	3
152	The effect of learning culture on training transfer: empirical evidence in Spanish teachers. <i>International Journal of Human Resource Management</i> , 2021 , 32, 1038-1061	3.6	3
151	Environmental impact of wine fermentation in steel and concrete tanks. <i>Journal of Cleaner Production</i> , 2021 , 278, 123602	10.3	3
150	A Plan-Do-Check-Act Based Process Improvement Intervention for Quality Improvement. <i>IEEE Access</i> , 2021 , 1-1	3.5	3

149	Effects of Human Factors and Lean Techniques on Just in Time Benefits. <i>Sustainability</i> , 2019 , 11, 1864	3.6	2
148	Geometric considerations for the 3D printing of components using fused filament fabrication. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 109, 171-186	3.2	2
147	A macroergonomic compatibility index for manufacturing systems. <i>International Journal of Industrial Ergonomics</i> , 2018 , 68, 149-164	2.9	2
146	Design and validation of a questionnaire in Spanish language for software usability evaluation. <i>Work</i> , 2019 , 64, 453-459	1.6	2
145	Kaizen and Lean Manufacturing. <i>Management and Industrial Engineering</i> , 2017 , 1-21	0.2	2
144	Effect of lean manufacturing tools on sustainability: the case of Mexican maquiladoras.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	2
143	A Brief Review of Game Engines for Educational and Serious Games Development 2020 , 447-469		2
142	Mental Workload Assessment and Its Effects on Middle and Senior Managers in Manufacturing Companies. <i>Advances in Psychology, Mental Health, and Behavioral Studies</i> , 2020 , 109-137	0.2	2
141	Replacement of electric resistive space heating by a geothermal heat pump in a residential application [Environmental amortisation. <i>Sustainable Energy Technologies and Assessments</i> , 2020 , 37, 100567	4.7	2
140	Integrating and Controlling ICT Implementation in the Supply Chain: The SME Experience from Baja California. <i>Mathematics</i> , 2021 , 9, 1234	2.3	2
139	Genetic algorithm for the reduction printing time and dimensional precision improvement on 3D components printed by Fused Filament Fabrication. <i>International Journal of Advanced Manufacturing Technology</i> , 2021 , 115, 3965-3981	3.2	2
138	The Role of Knowledge Transfer in Supply Chain Flexibility and Performance 2019 , 465-485		2
137	Effect of TPM and OEE on the Social Performance of Companies. <i>Studies in Computational Intelligence</i> , 2021 , 119-141	0.8	2
136	Estimation of Linear Regression with the Dimensional Analysis Method. <i>Mathematics</i> , 2022 , 10, 1645	2.3	2
135	Scenarios for the reduction of environmental impact in Agaricus bisporus production. <i>Journal of Cleaner Production</i> , 2017 , 143, 200-211	10.3	1
134	Assessment of Ergonomic Compatibility on the Selection of Advanced Manufacturing Technology. <i>Intelligent Systems Reference Library</i> , 2017 , 223-239	0.8	1
133	Social-LCA. Methodological Proposal Applied to Physical Activity Program Implementation into Old People's Routines. <i>Sustainability</i> , 2020 , 12, 4965	3.6	1
132	Impact of Infrastructure and Production Processes on Rioja Wine Supply Chain Performance. <i>Sustainability</i> , 2018 , 10, 103	3.6	1

131	Complexity in Manufacturing Processes and Systems. <i>Complexity</i> , 2018 , 2018, 1-3	1.6	1
130	Models of Regional Factors Supply Chain Performance (Benefits). <i>Management and Industrial Engineering</i> , 2019 , 309-342	0.2	1
129	Models of Manufacturing Practices and Integrative Model. <i>Management and Industrial Engineering</i> , 2019 , 373-411	0.2	1
128	Supply Chain Performance Attributes and Benefits in the Manufacturing Industry. <i>Management and Industrial Engineering</i> , 2019 , 129-147	0.2	1
127	Conceptualization and Environment of Competitiveness in the Manufacturing Industry. <i>Management and Industrial Engineering</i> , 2019 , 25-45	0.2	1
126	Conceptualization of Supply Chain Performance. <i>Management and Industrial Engineering</i> , 2019 , 69-89	0.2	1
125	The Importance of Supply Chains in Global Competitiveness. <i>Management and Industrial Engineering</i> , 2019 , 15-24	0.2	1
124	Multi-objective Optimization of an Injection Molding Process. <i>Studies in Computational Intelligence</i> , 2017 , 391-407	0.8	1
123	A Sentiment Analysis Method for Analyzing Users Opinions About Drugs for Chronic Diseases. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 217-228	0.6	1
122	Decision Making Approaches for Advanced Manufacturing Technology Evaluation and Selection 2012 , 403-438		1
121	The Impact of Green Attributes From Suppliers on Supply Chain Performance. <i>Advances in Marketing, Customer Relationship Management, and E-services Book Series</i> , 2017 , 83-103	0.3	1
120	Knowledge Management and Ergonomics Implementation in Manufacturing Systems. <i>Advances in Business Information Systems and Analytics Book Series</i> , 2018 , 188-213	0.4	1
119	Role of Human Resources, Production Process, and Flexibility on Commercial Benefits From AMT Investments. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2019 , 51-81	0.5	1
118	Effect of Green Attributes in Obtaining Benefits in the Manufacturing and Marketing Process. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2020 , 46-72	0.3	1
117	Considerations of the Mental Workload in Socio-Technical Systems in the Manufacturing Industry. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2019 , 99-116	0.3	1
116	Impact of Managers and Human Resources on the Supply Chain Performance. <i>Intelligent Systems Reference Library</i> , 2020 , 3-23	0.8	1
115	Lean-Six Sigma Framework for Ergonomic Compatibility Evaluation of Advanced Manufacturing Technology 2014 , 319-346		1
114	Green Production Attributes and Its Impact in Company Sustainability. <i>Management and Industrial Engineering</i> , 2018 , 23-46	0.2	1

113	FINALGRANT: A Financial Linked Data Graph Analysis and Recommendation Tool. <i>Studies in Computational Intelligence</i> , 2018 , 3-26	0.8	1
112	The Impact of Supplier's Administrative Attributes on Production Process and Marketing Benefits. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2017 , 73-91	0.3	1
111	Impact of Human Resources on Quality After Just-in-Time Implementation. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2017 , 235-255	0.3	1
110	Macroergonomic Compatibility Index for Manufacturing Systems. A Case Study. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 179-189	0.4	1
109	SEM: A Global Technique Case Applied to TPM. <i>Management and Industrial Engineering</i> , 2018 , 3-22	0.2	1
108	The importance of access to information and knowledge coordination on quality and economic benefits obtained from Six Sigma. <i>Wireless Networks</i> , 2020 , 26, 5713-5726	2.5	1
107	Design, process and commercial benefits gained from AMT. <i>Journal of Manufacturing Technology Management</i> , 2019 , 31, 330-352	7.1	1
106	Impact Analysis of Total Productive Maintenance 2019 ,		1
105	Macroergonomic Compatibility Index for Manufacturing Work Systems: Case Study. <i>Management and Industrial Engineering</i> , 2018 , 209-221	0.2	1
104	Effects of employees' physical and psychological characteristics over manufacturing systems' performance. <i>Ingeniería E Investigación</i> , 2018 , 38, 79-89	0.3	1
103	Lean Manufacturing Tools Applied to Material Flow and Their Impact on Economic Sustainability. <i>Sustainability</i> , 2021 , 13, 10599	3.6	1
102	Energy, exergy and economic analysis of combined solar ORC-VCC power plant. <i>International Journal of Low-Carbon Technologies</i> , 2022 , 17, 196-205	2.8	0
101	Effects of information sharing, decision synchronization and goal congruence on SC performance. <i>Computers and Industrial Engineering</i> , 2021 , 162, 107744	6.4	0
100	Identification of UIDPs for Developing Medical Apps. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 175-185	0.4	0
99	TPM Literature Review 2019 , 23-39		0
98	The Role of Employees' Performance and External Knowledge Transfer on the Supply Chain Flexibility. <i>Intelligent Systems Reference Library</i> , 2020 , 25-51	0.8	0
97	Descriptive Analysis of the Elements of JIT. <i>Management and Industrial Engineering</i> , 2016 , 121-144	0.2	0
96	Design of Experiments and Statistical Optimization in Manufacturing 2014 , 543-561		0

95	Complexity in Manufacturing Processes and Systems 2019. <i>Complexity</i> , 2020 , 2020, 1-3	1.6	o
94	Infrared thermal imaging monitoring on hands when performing repetitive tasks: An experimental study. <i>PLoS ONE</i> , 2021 , 16, e0250733	3.7	o
93	Effects of macroergonomic compatibility of information and communication technologies on the performance of manufacturing systems. <i>Behaviour and Information Technology</i> , 2019 , 38, 651-663	2.4	o
92	Effect of Advanced Manufacturing Technology on Responsive Supply Chain Strategy, Pull System and Responsiveness to Market 2021 , 133-156		o
91	Machinery Lean Manufacturing Tools for Improved Sustainability: The Mexican Maquiladora Industry Experience. <i>Mathematics</i> , 2022 , 10, 1468	2.3	o
90	Effect of Green Supply Chain Management Practices on Environmental Performance: Case of Mexican Manufacturing Companies. <i>Mathematics</i> , 2022 , 10, 1877	2.3	o
89	Selection of Agricultural Technology: A Multi-attribute Approach. <i>Communications in Computer and Information Science</i> , 2017 , 319-331	0.3	
88	Operational Risk Identification in Ground Transportation Activities: Ontology Approach. <i>Studies in Computational Intelligence</i> , 2019 , 101-119	0.8	
87	Benchmarking Applied to Semantic Conceptual Models of Linked Financial Data. <i>Lecture Notes in Computer Science</i> , 2015 , 289-298	0.9	
86	Modeling of the Factors of Higher Education Institutions (HEIs) Influencing the Strategic Linking Decisions with the Industrial Sector: Whole-Institution Approach. <i>Sustainability</i> , 2020 , 12, 3089	3.6	
85	A Multicriteria Decision Support System Framework for Computer Selection. <i>Studies in Computational Intelligence</i> , 2018 , 89-110	0.8	
84	Macroergonomic Effects on Manufacturing Systems. <i>Management and Industrial Engineering</i> , 2018 , 63-93	0.2	
83	The Impact of the Person Factor on Manufacturing System Performance: A Causal Model. <i>Management and Industrial Engineering</i> , 2018 , 95-116	0.2	
82	Workload and Fatigue Among Assembly Operators. A Structural Equation Modeling Approach. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016 , 60, 1520-1523	0.4	
81	Supply Chain Evaluation in the Manufacturing Industry. <i>Management and Industrial Engineering</i> , 2019 , 47-65	0.2	
80	Supply Chain Performance Factors in the Manufacturing Industry. <i>Management and Industrial Engineering</i> , 2019 , 91-128	0.2	
79	Supply Chain Evaluation and Methodologies. <i>Management and Industrial Engineering</i> , 2019 , 149-174	0.2	
78	Supply Chain Risks in Supply Chain Performance. <i>Management and Industrial Engineering</i> , 2019 , 227-260	0.2	

77	The Role of Regional Factors on Supply Chain Performance. <i>Management and Industrial Engineering</i> , 2019 , 261-308	0.2
76	The Role of Manufacturing Practices in Supply Chain Performance. <i>Management and Industrial Engineering</i> , 2019 , 343-372	0.2
75	Exploratory Analysis of the Data. <i>Management and Industrial Engineering</i> , 2019 , 205-226	0.2
74	Conceptualization of Supply Chain Competitiveness. <i>Management and Industrial Engineering</i> , 2019 , 3-14	0.2
73	Software development for the evaluation of the ergonomic compatibility on the selection of advanced manufacturing technology. <i>Work</i> , 2012 , 41 Suppl 1, 1782-9	1.6
72	Role of Human Resources, Production Process, and Flexibility on Commercial Benefits From AMT Investments 2022 , 760-790	
71	Supplier Selection in the Healthcare Sector. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2020 , 652-674	0.3
70	ROLE OF 3PL ON FINANCIAL AND STRATEGIC PERFORMANCE OF MEXICANS MAQUILADORAS. <i>Dyna Management</i> , 2021 , 9, [12 p]-[12 p]	0
69	Knowledge Management of Work Stress in Mexican Manufacturing Environments. <i>Advances in Human Resources Management and Organizational Development Book Series</i> , 2018 , 105-135	0.3
68	Descriptive Study About Job Strain Index, Physical Activity and Eating Habits Among Employees of a Mexican Manufacturing Industry. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 475-486	0.4
67	The Use of Affective Computing in the Conceptual Design Stage of New Products. <i>Management and Industrial Engineering</i> , 2019 , 207-228	0.2
66	Structural Equation Models-Technical Factors 2019 , 275-311	
65	Benefits Associated with the TPM Implementation in the Industry 2019 , 69-74	
64	Activities Associated with the Success of TPM 2019 , 43-68	
63	Structural Equation Models: Human Factor Part I 2019 , 201-234	
62	Definition of the Problem and Objective of the Research 2019 , 77-82	
61	Structural Equation Models Methodological Factors 2019 , 313-346	
60	Descriptive Analysis 2019 , 127-146	

59	The Impact of Green Attributes From Suppliers on Supply Chain Performance 2019 , 1216-1232	
58	The Impact of ICT on Supply Chain Agility and Human Performance 2019 , 1174-1192	
57	Suppliers Administrative Attributes on Supplier Selection and Its Effect on Production Process and Marketing Benefits. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2019 , 1-25	0.3
56	Job Strain Index by Gender Among Middle and High Managers of the Maquiladora Industry in Ciudad Juarez Mexico. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 209-218	0.4
55	The Role of Information Sharing in the Supply Chain From Maquiladoras in Northern Mexico. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2020 , 175-199	0.3
54	Descriptive Analysis of the Causes of Slow JIT Implementation. <i>Management and Industrial Engineering</i> , 2016 , 169-179	0.2
53	Concepts of Just-in-Time (JIT). <i>Management and Industrial Engineering</i> , 2016 , 3-20	0.2
52	The Use of Simulation Software for the Improving the Supply Chain: The Case of Automotive Sector. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 213-222	0.4
51	Causal Models of JIT Elements and Causes of Slow JIT Implementation. <i>Management and Industrial Engineering</i> , 2016 , 285-313	0.2
50	Elements of JIT. <i>Management and Industrial Engineering</i> , 2016 , 23-52	0.2
49	Causes of Slow Implementation of JIT. <i>Management and Industrial Engineering</i> , 2016 , 75-85	0.2
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44	Causal Models of JIT Elements Associated with Production Process and the Obtained Benefits. <i>Management and Industrial Engineering</i> , 2016 , 217-253	0.2
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41	AthenaCloud: A cloud-based platform for multi-device educational software generation. <i>Computer Science and Information Systems</i> , 2016 , 13, 957-981	0.8
40	An Ergonomic Compatibility Perspective on the Selection of Advanced Manufacturing Technology. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2016 , 137-165	0.3
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38	The Impact of ICT on Supply Chain Agility and Human Performance. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2017 , 180-198	0.3
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36	A Descriptive Study About Burnout Syndrome and Obesity in Senior and Middle Managers. <i>Advances in Human Resources Management and Organizational Development Book Series</i> , 2017 , 219-249	0.3
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- 23 The DMAIC Methodology as a Tool for Process Improvement: The Case of a Mexican Manufacturing Company **2021**, 335-364
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- 20 Towards an Analysis of the Relationship Between Quality Management and Project Management **2021**, 119-137
- 19 Quality and Human Resources, Two JIT Critical Success Factors. *Studies in Computational Intelligence*, **2021**, 267-287 0.8
- 18 A Macroergonomic Compatibility Index for Manufacturing Work Systems. *Management and Industrial Engineering*, **2018**, 189-208 0.2
- 17 The Impact of Macroergonomic Factor Tasks on Manufacturing System Performance. *Management and Industrial Engineering*, **2018**, 149-161 0.2
- 16 Macroergonomic Methods for Manufacturing Systems Evaluation. *Management and Industrial Engineering*, **2018**, 21-34 0.2
- 15 Macroergonomic Compatibility Factors for Manufacturing Systems. *Management and Industrial Engineering*, **2018**, 47-61 0.2
- 14 Role of product, market, and organisational characteristics on NPD benefits. *International Journal of Product Development*, **2018**, 22, 421 0.7
- 13 Considerations of the Mental Workload in Socio-Technical Systems in the Manufacturing Industry **2022**, 66-84
- 12 Knowledge Management of Work Stress in Mexican Manufacturing Environments **2022**, 439-471
- 11 Mental Workload Assessment and Its Effects on Middle and Senior Managers in Manufacturing Companies **2022**, 1339-1366
- 10 Model 4. Integrative Model. *SpringerBriefs in Applied Sciences and Technology*, **2022**, 97-117 0.4
- 9 Some Lean Manufacturing Tools. *SpringerBriefs in Applied Sciences and Technology*, **2022**, 15-31 0.4
- 8 Model 1. Distribution and Maintenance. *SpringerBriefs in Applied Sciences and Technology*, **2022**, 43-58 0.4
- 7 Lean Manufacturing Origins and Concepts. *SpringerBriefs in Applied Sciences and Technology*, **2022**, 1-14 0.4
- 6 Model 2. Pull System and Quality Control. *SpringerBriefs in Applied Sciences and Technology*, **2022**, 59-77 0.4

5	Model 3. Supplier Network and Inventory Minimization. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2022 , 79-96	0.4
4	Aplicaci3n del m3todo MOORA para la gesti3n de la carga de trabajo en la atenci3n de pacientes con COVID-19. <i>Inquietud Empresarial</i> , 2021 , 21, 111-120	0.7
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1	Environmental Impact Analysis of Natural Cork Stopper Manufacturing. <i>Agriculture (Switzerland)</i> , 2022 , 12, 636	3