

Jorge Garca-Alcaraz

List of Publications by Year in Descending Order

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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	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
255	Role of Human Resources, Production Process, and Flexibility on Commercial Benefits From AMT Investments 2022 , 760-790		
254	Effect of lean manufacturing tools on sustainability: the case of Mexican maquiladoras.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	2
253	Considerations of the Mental Workload in Socio-Technical Systems in the Manufacturing Industry 2022 , 66-84		
252	Knowledge Management of Work Stress in Mexican Manufacturing Environments 2022 , 439-471		
251	Mental Workload Assessment and Its Effects on Middle and Senior Managers in Manufacturing Companies 2022 , 1339-1366		
250	Model 4. Integrative Model. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2022 , 97-117	0.4	
249	Some Lean Manufacturing Tools. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2022 , 15-31	0.4	
248	Model 1. Distribution and Maintenance. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2022 , 43-58	0.4	
247	Lean Manufacturing Origins and Concepts. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2022 , 1-14	0.4	
246	Model 2. Pull System and Quality Control. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2022 , 59-77	0.4	
245	Model 3. Supplier Network and Inventory Minimization. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2022 , 79-96	0.4	
244	Effect of the sustainable supply chain on business performance - The maquiladora experience. <i>IEEE Access</i> , 2022 , 1-1	3.5	
243	Inventory Model with Stochastic Demand Using Single-Period Inventory Model and Gaussian Process. <i>Processes</i> , 2022 , 10, 783	2.9	
242	Environmental Impact Analysis of Natural Cork Stopper Manufacturing. <i>Agriculture (Switzerland)</i> , 2022 , 12, 636	3	
241	Machinery Lean Manufacturing Tools for Improved Sustainability: The Mexican Maquiladora Industry Experience. <i>Mathematics</i> , 2022 , 10, 1468	2.3	0
240	Estimation of Linear Regression with the Dimensional Analysis Method. <i>Mathematics</i> , 2022 , 10, 1645	2.3	2

239	Effect of Green Supply Chain Management Practices on Environmental Performance: Case of Mexican Manufacturing Companies. <i>Mathematics</i> , 2022 , 10, 1877	2.3	0
238	ROLE OF 3PL ON FINANCIAL AND STRATEGIC PERFORMANCE OF MEXICANS MAQUILADORAS. <i>Dyna Management</i> , 2021 , 9, [12 p]-[12 p]	0	
237	Effects of information sharing, decision synchronization and goal congruence on SC performance. <i>Computers and Industrial Engineering</i> , 2021 , 162, 107744	6.4	0
236	Effect of Quality Lean Manufacturing Tools on Commercial Benefits Gained by Mexican Maquiladoras. <i>Mathematics</i> , 2021 , 9, 971	2.3	3
235	Integrating and Controlling ICT Implementation in the Supply Chain: The SME Experience from Baja California. <i>Mathematics</i> , 2021 , 9, 1234	2.3	2
234	Infrared thermal imaging monitoring on hands when performing repetitive tasks: An experimental study. <i>PLoS ONE</i> , 2021 , 16, e0250733	3.7	0
233	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
232	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
231	Environmental impact of wine fermentation in steel and concrete tanks. <i>Journal of Cleaner Production</i> , 2021 , 278, 123602	10.3	3
230	Evaluation of bioenergy potential from coffee pulp trough System Dynamics. <i>Renewable Energy</i> , 2021 , 165, 863-877	8.1	5
229	Importance of organizational structure for TQM success and customer satisfaction. <i>Wireless Networks</i> , 2021 , 27, 1601-1614	2.5	4
228	A Review on Infrared Thermal Imaging as a Tool in Carpal Tunnel Syndrome 2021 , 31-53		
227	A Plan-Do-Check-Act Based Process Improvement Intervention for Quality Improvement. <i>IEEE Access</i> , 2021 , 1-1	3.5	3
226	The DMAIC Methodology as a Tool for Process Improvement: The Case of a Mexican Manufacturing Company 2021 , 335-364		
225	Postural and Fatigue Analyses for Ergonomic Workstations Design as an Integrated Approach to Sustainable Workplaces 2021 , 291-313		
224	Improving Distribution Process Using Lean Manufacturing and Simulation: A Seafood Packer Company Case 2021 , 103-132		
223	Towards an Analysis of the Relationship Between Quality Management and Project Management 2021 , 119-137		
222	Quality and Human Resources, Two JIT Critical Success Factors. <i>Studies in Computational Intelligence</i> , 2021 , 267-287	0.8	

221	Effect of Advanced Manufacturing Technology on Responsive Supply Chain Strategy, Pull System and Responsiveness to Market 2021 , 133-156		0
220	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
219	Lean Manufacturing Tools Applied to Material Flow and Their Impact on Economic Sustainability. <i>Sustainability</i> , 2021 , 13, 10599	3.6	1
218	Effect of TPM and OEE on the Social Performance of Companies. <i>Studies in Computational Intelligence</i> , 2021 , 119-141	0.8	2
217	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	
216	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
215	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
214	Social-LCA. Methodological Proposal Applied to Physical Activity Program Implementation into Old People's Routines. <i>Sustainability</i> , 2020 , 12, 4965	3.6	1
213	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
212	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	
211	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
210	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
209	Supplier Selection in the Healthcare Sector. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2020 , 652-674	0.3	
208	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
207	A Brief Review of Game Engines for Educational and Serious Games Development 2020 , 447-469		2
206	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
205	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
204	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	

203	Impact of Managers and Human Resources on the Supply Chain Performance. <i>Intelligent Systems Reference Library</i> , 2020 , 3-23	0.8	1
202	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
201	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	
200	Zeus: A tool for generating rule-based serious games with gamification techniques. <i>IET Software</i> , 2020 , 14, 88-97	1	3
199	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
198	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
197	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
196	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
195	Review of English literature on figurative language applied to social networks. <i>Knowledge and Information Systems</i> , 2020 , 62, 2105-2137	2.4	10
194	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
193	Complexity in Manufacturing Processes and Systems 2019. <i>Complexity</i> , 2020 , 2020, 1-3	1.6	0
192	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
191	LINDASearch: a faceted search system for linked open datasets. <i>Wireless Networks</i> , 2020 , 26, 5645-5663	2.5	4
190	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
189	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
188	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
187	The Role of Advanced Manufacturing Technologies in Production Process Performance: A Causal Model. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3741	2.6	3
186	Operational Risk Identification in Ground Transportation Activities: Ontology Approach. <i>Studies in Computational Intelligence</i> , 2019 , 101-119	0.8	

185	Effects of Human Factors and Lean Techniques on Just in Time Benefits. <i>Sustainability</i> , 2019 , 11, 1864	3.6	2
184	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
183	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
182	Models of Regional Factors Supply Chain Performance (Benefits). <i>Management and Industrial Engineering</i> , 2019 , 309-342	0.2	1
181	Models of Manufacturing Practices and Integrative Model. <i>Management and Industrial Engineering</i> , 2019 , 373-411	0.2	1
180	Supply Chain Evaluation in the Manufacturing Industry. <i>Management and Industrial Engineering</i> , 2019 , 47-65	0.2	
179	Supply Chain Performance Factors in the Manufacturing Industry. <i>Management and Industrial Engineering</i> , 2019 , 91-128	0.2	
178	Supply Chain Performance Attributes and Benefits in the Manufacturing Industry. <i>Management and Industrial Engineering</i> , 2019 , 129-147	0.2	1
177	Supply Chain Evaluation and Methodologies. <i>Management and Industrial Engineering</i> , 2019 , 149-174	0.2	
176	Supply Chain Risks in Supply Chain Performance. <i>Management and Industrial Engineering</i> , 2019 , 227-260	0.2	
175	The Role of Regional Factors on Supply Chain Performance. <i>Management and Industrial Engineering</i> , 2019 , 261-308	0.2	
174	Conceptualization and Environment of Competitiveness in the Manufacturing Industry. <i>Management and Industrial Engineering</i> , 2019 , 25-45	0.2	1
173	Conceptualization of Supply Chain Performance. <i>Management and Industrial Engineering</i> , 2019 , 69-89	0.2	1
172	The Role of Manufacturing Practices in Supply Chain Performance. <i>Management and Industrial Engineering</i> , 2019 , 343-372	0.2	
171	Exploratory Analysis of the Data. <i>Management and Industrial Engineering</i> , 2019 , 205-226	0.2	
170	Conceptualization of Supply Chain Competitiveness. <i>Management and Industrial Engineering</i> , 2019 , 3-14	0.2	
169	The Importance of Supply Chains in Global Competitiveness. <i>Management and Industrial Engineering</i> , 2019 , 15-24	0.2	1
168	Information Sharing with ICT in Production Systems and Operational Performance. <i>Sustainability</i> , 2019 , 11, 3640	3.6	9

167	Design and validation of a questionnaire in Spanish language for software usability evaluation. <i>Work</i> , 2019 , 64, 453-459	1.6	2
166	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
165	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	
164	The Use of Affective Computing in the Conceptual Design Stage of New Products. <i>Management and Industrial Engineering</i> , 2019 , 207-228	0.2	
163	Identification of UIDPs for Developing Medical Apps. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 175-185	0.4	0
162	Structural Equation Models-Technical Factors 2019 , 275-311		
161	Benefits Associated with the TPM Implementation in the Industry 2019 , 69-74		
160	Activities Associated with the Success of TPM 2019 , 43-68		
159	Structural Equation Models: Human Factor Part I 2019 , 201-234		
158	Definition of the Problem and Objective of the Research 2019 , 77-82		
157	TPM Literature Review 2019 , 23-39		0
156	Structural Equation Models Methodological Factors 2019 , 313-346		
155	Descriptive Analysis 2019 , 127-146		
154	The Impact of Green Attributes From Suppliers on Supply Chain Performance 2019 , 1216-1232		
153	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
152	The Impact of ICT on Supply Chain Agility and Human Performance 2019 , 1174-1192		
151	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	
150	The Role of ICT in Educational Innovation. <i>Management and Industrial Engineering</i> , 2019 , 143-165	0.2	4

149	Evaluation of Supply Chain Performance. <i>Management and Industrial Engineering</i> , 2019 ,	0.2	3
148	Design, process and commercial benefits gained from AMT. <i>Journal of Manufacturing Technology Management</i> , 2019 , 31, 330-352	7.1	1
147	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
146	Human Resource Abilities and Skills in TQM for Sustainable Enterprises. <i>Sustainability</i> , 2019 , 11, 6488	3.6	10
145	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	0
144	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
143	Evaluation of the impact of water supply disruptions in bioethanol production. <i>Computers and Industrial Engineering</i> , 2019 , 127, 1068-1088	6.4	9
142	The Role of Knowledge Transfer in Supply Chain Flexibility and Performance 2019 , 465-485		2
141	An Architecture for the Generation of Educational Rules Based Games with Gamification Techniques. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 101-110	0.4	
140	Impact Analysis of Total Productive Maintenance 2019 ,		1
139	A Multicriteria Decision Support System Framework for Computer Selection. <i>Studies in Computational Intelligence</i> , 2018 , 89-110	0.8	
138	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
137	Macroergonomic Effects on Manufacturing Systems. <i>Management and Industrial Engineering</i> , 2018 , 63-93	3.2	
136	The Impact of the Person Factor on Manufacturing System Performance: A Causal Model. <i>Management and Industrial Engineering</i> , 2018 , 95-116	0.2	
135	Macroergonomics for Manufacturing Systems. <i>Management and Industrial Engineering</i> , 2018 ,	0.2	4
134	A macroergonomic compatibility index for manufacturing systems. <i>International Journal of Industrial Ergonomics</i> , 2018 , 68, 149-164	2.9	2
133	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
132	Impact of Infrastructure and Production Processes on Rioja Wine Supply Chain Performance. <i>Sustainability</i> , 2018 , 10, 103	3.6	1

131	Role of Information and Communication Technology in Green Supply Chain Implementation and Companies Performance. <i>Sustainability, 2018, 10, 1793</i>	3.6	14
130	Mediating Role of the Six Sigma Implementation Strategy and Investment in Human Resources in Economic Success and Sustainability. <i>Sustainability, 2018, 10, 1828</i>	3.6	8
129	Government Support and Market Proximity: Exploring Their Relationship with Supply Chain Agility and Financial performance. <i>Sustainability, 2018, 10, 2441</i>	3.6	3
128	Complexity in Manufacturing Processes and Systems. <i>Complexity, 2018, 2018, 1-3</i>	1.6	1
127	Impact of the Planning from the Kanban System on the Company's Operating Benefits. <i>Sustainability, 2018, 10, 2506</i>	3.6	7
126	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, 2018, 13, 179-192</i>	2.5	5
125	Knowledge Management and Ergonomics Implementation in Manufacturing Systems. <i>Advances in Business Information Systems and Analytics Book Series, 2018, 188-213</i>	0.4	1
124	Knowledge Management of Work Stress in Mexican Manufacturing Environments. <i>Advances in Human Resources Management and Organizational Development Book Series, 2018, 105-135</i>	0.3	
123	Green Production Attributes and Its Impact in Company's Sustainability. <i>Management and Industrial Engineering, 2018, 23-46</i>	0.2	1
122	FINALGRANT: A Financial Linked Data Graph Analysis and Recommendation Tool. <i>Studies in Computational Intelligence, 2018, 3-26</i>	0.8	1
121	Workload Assessment and Human Error Identification During the Task of Taking a Plain Abdominal Radiograph: A Case Study. <i>Advances in Intelligent Systems and Computing, 2018, 108-119</i>	0.4	
120	Macroergonomic Compatibility Index for Manufacturing Systems. A Case Study. <i>Advances in Intelligent Systems and Computing, 2018, 179-189</i>	0.4	1
119	SEM: A Global Technique Case Applied to TPM. <i>Management and Industrial Engineering, 2018, 3-22</i>	0.2	1
118	The Impact of the Organization Factor on Manufacturing System Performance: A Causal Model. <i>Management and Industrial Engineering, 2018, 117-131</i>	0.2	
117	The Impact of the Technologies and Tools Factor on Manufacturing System Performance: A Causal Model. <i>Management and Industrial Engineering, 2018, 133-147</i>	0.2	
116	Macroergonomic Compatibility Concept for Manufacturing Systems. <i>Management and Industrial Engineering, 2018, 35-43</i>	0.2	
115	Evaluation of Manufacturing Systems. <i>Management and Industrial Engineering, 2018, 11-19</i>	0.2	
114	Fuzzy Logic Approach and Manufacturing System Evaluation Methodologies. <i>Management and Industrial Engineering, 2018, 165-187</i>	0.2	

113	Conceptualization of Manufacturing Systems. <i>Management and Industrial Engineering</i> , 2018 , 3-10	0.2	
112	A Macroergonomic Compatibility Index for Manufacturing Work Systems. <i>Management and Industrial Engineering</i> , 2018 , 189-208	0.2	
111	The Impact of Macroergonomic Factor Tasks on Manufacturing System Performance. <i>Management and Industrial Engineering</i> , 2018 , 149-161	0.2	
110	Macroergonomic Compatibility Index for Manufacturing Work Systems: Case Study. <i>Management and Industrial Engineering</i> , 2018 , 209-221	0.2	1
109	Macroergonomic Methods for Manufacturing Systems Evaluation. <i>Management and Industrial Engineering</i> , 2018 , 21-34	0.2	
108	Macroergonomic Compatibility Factors for Manufacturing Systems. <i>Management and Industrial Engineering</i> , 2018 , 47-61	0.2	
107	Effects of employees physical and psychological characteristics over manufacturing systems performance. <i>Ingenieria E Investigacion</i> , 2018 , 38, 79-89	0.3	1
106	Role of product, market, and organisational characteristics on NPD benefits. <i>International Journal of Product Development</i> , 2018 , 22, 421	0.7	
105	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
104	The Role of Planning and Implementation of ICT in Operational Benefits. <i>Sustainability</i> , 2018 , 10, 2261	3.6	8
103	The Role of Managerial Commitment and TPM Implementation Strategies in Productivity Benefits. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1153	2.6	11
102	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
101	Scenarios for the reduction of environmental impact in Agaricus bisporus production. <i>Journal of Cleaner Production</i> , 2017 , 143, 200-211	10.3	1
100	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
99	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
98	Assessment of Ergonomic Compatibility on the Selection of Advanced Manufacturing Technology. <i>Intelligent Systems Reference Library</i> , 2017 , 223-239	0.8	1
97	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
96	Selection of Agricultural Technology: A Multi-attribute Approach. <i>Communications in Computer and Information Science</i> , 2017 , 319-331	0.3	

95	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
94	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
93	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
92	Kaizen Planning, Implementing and Controlling. <i>Management and Industrial Engineering</i> , 2017 ,	0.2	5
91	Kaizen and Lean Manufacturing. <i>Management and Industrial Engineering</i> , 2017 , 1-21	0.2	2
90	Multi-objective Optimization of an Injection Molding Process. <i>Studies in Computational Intelligence</i> , 2017 , 391-407	0.8	1
89	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
88	Modular construction of compact Petri net models. <i>International Journal of Simulation and Process Modelling</i> , 2017 , 12, 515	0.4	3
87	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
86	The Role of Green and Traditional Supplier Attributes on Business Performance. <i>Sustainability</i> , 2017 , 9, 1520	3.6	10
85	Role of Human Knowledge and Communication on Operational Benefits Gained from Six Sigma. <i>Sustainability</i> , 2017 , 9, 1721	3.6	4
84	Interrelations among SMED Stages: A Causal Model. <i>Complexity</i> , 2017 , 2017, 1-10	1.6	9
83	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
82	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
81	Application of the Systems Dynamics Approach to Model Inventive Problems. <i>Lecture Notes in Computer Science</i> , 2017 , 494-506	0.9	3
80	Information and Communication Technology Impact on Supply Chain Integration, Flexibility, and Performance. <i>Advances in Business Information Systems and Analytics Book Series</i> , 2017 , 213-234	0.4	
79	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	
78	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

77	Impact of Macroergonomic Organizational Elements on the Performance of Manufacturing Systems. <i>Advances in Human Resources Management and Organizational Development Book Series</i> , 2017 , 110-142	0.3	
76	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
75	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	
74	A general perspective of Big Data: applications, tools, challenges and trends. <i>Journal of Supercomputing</i> , 2016 , 72, 3073-3113	2.5	77
73	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
72	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
71	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	
70	The impact of managerial commitment and Kaizen benefits on companies. <i>Journal of Manufacturing Technology Management</i> , 2016 , 27, 692-712	7.1	24
69	Desarrollo y validaci3n de un cuestionario de compatibilidad macroergon3mica. <i>Contaduria Y Administracion</i> , 2016 , 61, 478-498	0.2	7
68	Main benefits obtained from a successful JIT implementation. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 86, 2711-2722	3.2	25
67	Just-in-Time Elements and Benefits. <i>Management and Industrial Engineering</i> , 2016 ,	0.2	7
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