

Mauricio Camargo

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.

50
papers

938
citations

17
h-index

30
g-index

59
ext. papers

1,229
ext. citations

4.7
avg, IF

4.95
L-index

#	Paper	IF	Citations
50	Relationship between innovation and exports in enterprises: A support tool for synergistic improvement plans. <i>Technological Forecasting and Social Change</i> , 2022 , 177, 121489	9.5	2
49	Social, political, and technological dimensions of the sustainability evaluation of a recycling network. A literature review. <i>Cleaner Engineering and Technology</i> , 2022 , 6, 100397	2.7	1
48	Vehicle Routing Problem with Deadline and Stochastic Service Times: Case of the Ice Cream Industry in Santiago City of Chile. <i>Mathematics</i> , 2021 , 9, 2750	2.3	1
47	A new methodology to support smartness at the district level of metropolitan areas in emerging economies: The case of Santiago de Chile. <i>Sustainable Cities and Society</i> , 2021 , 67, 102713	10.1	7
46	A multi-stakeholder system-based methodology to evaluate the needs of innovation ecosystems. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2021 , 32, 489-506	3.5	1
45	Progressive University Technology Transfer of Innovation Capabilities to SMEs: An Active and Modular Educational Partnership. <i>FGF Studies in Small Business and Entrepreneurship</i> , 2021 , 181-205	0.6	1
44	Sustainability assessment for chemical product and process design during early design stages 2020 , 3-41		
43	Mechanical Properties of Direct Waste Printing of Polylactic Acid with Universal Pellets Extruder: Comparison to Fused Filament Fabrication on Open-Source Desktop Three-Dimensional Printers. <i>3D Printing and Additive Manufacturing</i> , 2020 , 7, 237-247	4	18
42	Shaping a Public Innovation Laboratory in Bogota: Learning through Time, Space and Stakeholders. <i>Journal of Innovation Economics and Management</i> , 2020 , n°31, 69	0.8	6
41	How do Institutions Promote Digital Marketing in Small and Medium International Companies: Comparison between Costa Rica and France. <i>Technology Innovation Management Review</i> , 2020 , 10, 58-71	2.8	2
40	Closed loop supply chain network for local and distributed plastic recycling for 3D printing: a MILP-based optimization approach. <i>Resources, Conservation and Recycling</i> , 2020 , 154, 104531	11.9	45
39	Plastic recycling in additive manufacturing: A systematic literature review and opportunities for the circular economy. <i>Journal of Cleaner Production</i> , 2020 , 264, 121602	10.3	82
38	Application of Decision-Making Methods in Smart City Projects: A Systematic Literature Review. <i>Smart Cities</i> , 2019 , 2, 433-452	3.3	29
37	Design and management of innovation laboratories: Toward a performance assessment tool. <i>Creativity and Innovation Management</i> , 2019 , 28, 82-100	2.7	14
36	A green procurement methodology based on Kraljic Matrix for supplier's evaluation and selection: a case study from the chemical sector. <i>Supply Chain Forum</i> , 2019 , 20, 185-201	3.5	4
35	Multiobjective optimization for the design of phase III biorefinery sustainable supply chain. <i>Journal of Cleaner Production</i> , 2019 , 223, 189-213	10.3	8
34	Integration of Consumer Preferences and Heuristic Knowledge in the Design of Formulated Products: Application to a Cosmetic Emulsion. <i>Computer Aided Chemical Engineering</i> , 2019 , 46, 433-438	0.6	4

33	A system dynamics approach for sustainability assessment of biodiesel production in Colombia. Baseline simulation. <i>Journal of Cleaner Production</i> , 2019 , 213, 1-20	10.3	34
32	A new framework to support Lean Six Sigma deployment in SMEs. <i>International Journal of Lean Six Sigma</i> , 2019 , 10, 58-80	4.6	17
31	Contribution to the objective assessment of technical skills for surgery students: An accelerometer based approach. <i>International Journal of Industrial Ergonomics</i> , 2018 , 64, 79-88	2.9	6
30	Firm Readiness Level for Innovation Projects: A New Decision-Making Tool for Innovation Managers. <i>Administrative Sciences</i> , 2018 , 8, 6	2.5	4
29	Multi-objective traffic signal optimization using 3D mesoscopic simulation and evolutionary algorithms. <i>Simulation Modelling Practice and Theory</i> , 2018 , 86, 120-138	3.9	11
28	L'indice d'innovation potentielle (IIP): un diagnostic de la capacité à innover au service des PME. <i>Revue Internationale PME</i> , 2018 , 31, 17	0.4	1
27	Modeling and optimization of a photocatalytic process: Degradation of endocrine disruptor compounds by Ag/ZnO. <i>Chemical Engineering Research and Design</i> , 2017 , 128, 174-191	5.5	10
26	Conceptual Framework of an Intelligent System to Support Creative Workshops 2017 , 261-284		1
25	Polymer recycling in an open-source additive manufacturing context: Mechanical issues. <i>Additive Manufacturing</i> , 2017 , 17, 87-105	6.1	86
24	Key challenges and requirements for sustainable and industrialized biorefinery supply chain design and management: A bibliographic analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 69, 350-359	16.2	91
23	Collaborative innovation projects engaging open communities: A case study on emerging challenges 2017 ,		2
22	Biodiesel-TBL+: A new hierarchical sustainability assessment framework of PC&I for biodiesel production [Part I. <i>Ecological Indicators</i> , 2016 , 60, 84-107	5.8	22
21	From descriptive customer data to need definition: a formalised approach. <i>International Journal of Product Development</i> , 2016 , 21, 369	0.7	1
20	Multi-criteria decision analysis for the selection of sustainable chemical process routes during early design stages. <i>Chemical Engineering Research and Design</i> , 2016 , 113, 28-49	5.5	41
19	Creativity support systems: A systematic mapping study. <i>Thinking Skills and Creativity</i> , 2016 , 21, 109-122	3	35
18	SMEs' Innovation and Export Capabilities: Identification and Characterization of a Common Space Using Data Spatialization. <i>Journal of Technology Management and Innovation</i> , 2016 , 11, 56-69	1.4	3
17	Biodiesel-triple bottom line (TBL): A new hierarchical sustainability assessment framework of principles criteria & indicators (PC&I) for biodiesel production. Part II-validation. <i>Ecological Indicators</i> , 2016 , 69, 803-817	5.8	24
16	Spaces to foster and sustain innovation: Towards a conceptual framework 2015 ,		5

15	Multi-agent System to Support Creative Workshop 2015 ,		1
14	Reverse logistics network design for a biogas plant: An approach based on MILP optimization and Analytical Hierarchical Process (AHP). <i>Journal of Manufacturing Systems</i> , 2015 , 37, 616-623	9.1	46
13	Supporting SMEs' IP capabilities: Impact study of INPI pre-diagnosis through the use of the AIDA approach. <i>World Patent Information</i> , 2015 , 40, 21-29	1.4	3
12	Evaluating innovative processes in french firms: Methodological proposition for firm innovation capacity evaluation. <i>Research Policy</i> , 2014 , 43, 608-622	7.5	71
11	A new innovation project maturity assessment methodology based on innovation degree 2014 ,		2
10	A fuzzy integral based methodology to elicit semantic spaces in usability tests. <i>International Journal of Industrial Ergonomics</i> , 2014 , 44, 11-17	2.9	17
9	Towards a standard experimental protocol for open source additive manufacturing. <i>Virtual and Physical Prototyping</i> , 2014 , 9, 151-167	10.1	36
8	A situation model to support awareness in collaborative design. <i>International Journal of Human Computer Studies</i> , 2013 , 71, 110-129	4.6	29
7	A framework for measuring logistics performance in the wine industry. <i>International Journal of Production Economics</i> , 2012 , 135, 284-298	9.3	65
6	Toward autonomy of ideas: Conceptual framework for open innovation 2012 ,		1
5	Enriching descriptive information in ranking and sorting problems with visualizations techniques. <i>Journal of Modelling in Management</i> , 2012 , 7, 130-147	2.2	35
4	Studying the implications and impact of smartphones on self-directed learning under a Living Lab approach. <i>International Journal of Product Development</i> , 2012 , 17, 119	0.7	5
3	Improving performance evaluation metrics to manage innovative projects. <i>International Journal of Technology Intelligence and Planning</i> , 2012 , 8, 215	0.4	2
2	Development of new concepts for the control of polymerization processes: Multiobjective optimization and decision engineering. II. Application of a Choquet integral to an emulsion copolymerization process. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 3421-3434	2.9	6
1	Innovation in Chemical Engineering Industries371-399		