

Alejandro G Frank

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.

57
papers

2,899
citations

23
h-index

53
g-index

63
ext. papers

4,114
ext. citations

5.2
avg, IF

6.39
L-index

#	Paper	IF	Citations
57	Industry 4.0 technologies: Implementation patterns in manufacturing companies. <i>International Journal of Production Economics</i> , 2019 , 210, 15-26	9.3	728
56	The expected contribution of Industry 4.0 technologies for industrial performance. <i>International Journal of Production Economics</i> , 2018 , 204, 383-394	9.3	598
55	Servitization and Industry 4.0 convergence in the digital transformation of product firms: A business model innovation perspective. <i>Technological Forecasting and Social Change</i> , 2019 , 141, 341-351	9.5	288
54	Industry 4.0 innovation ecosystems: An evolutionary perspective on value cocreation. <i>International Journal of Production Economics</i> , 2020 , 228, 107735	9.3	100
53	The effect of innovation activities on innovation outputs in the Brazilian industry: Market-orientation vs. technology-acquisition strategies. <i>Research Policy</i> , 2016 , 45, 577-592	7.5	87
52	Contextual factors and lean production implementation in the Brazilian automotive supply chain. <i>Supply Chain Management</i> , 2016 , 21, 417-432	10	84
51	Business model innovation and strategy making nexus: evidence from a cross-industry mixed-methods study. <i>R and D Management</i> , 2016 , 46, 414-432	4.1	82
50	Strategy and business model design in dynamic telecommunications industries: A study on Italian mobile network operators. <i>Technological Forecasting and Social Change</i> , 2015 , 90, 346-354	9.5	80
49	Knowledge sharing dynamics in service suppliers' involvement for servitization of manufacturing companies. <i>International Journal of Production Economics</i> , 2017 , 193, 538-553	9.3	65
48	The use of chitosan as cationic coating or gel vehicle for polymeric nanocapsules: Increasing penetration and adhesion of imiquimod in vaginal tissue. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 114, 202-212	5.7	60
47	Lean product development and lean manufacturing: Testing moderation effects. <i>International Journal of Production Economics</i> , 2018 , 203, 301-310	9.3	53
46	The moderating effect of Lean supply chain management on the impact of Lean shop floor practices on quality and inventory. <i>Supply Chain Management</i> , 2017 , 22, 473-485	10	51
45	Lean manufacturing implementation: leadership styles and contextual variables. <i>International Journal of Operations and Production Management</i> , 2018 , 38, 1205-1227	6.8	50
44	Smart production planning and control in the Industry 4.0 context: A systematic literature review. <i>Computers and Industrial Engineering</i> , 2020 , 149, 106774	6.4	47
43	The four smarts of Industry 4.0: Evolution of ten years of research and future perspectives. <i>Technological Forecasting and Social Change</i> , 2021 , 168, 120784	9.5	47
42	Managing servitization in product companies: the moderating role of service suppliers. <i>International Journal of Operations and Production Management</i> , 2019 , 39, 43-74	6.8	41
41	Chitosan gel containing polymeric nanocapsules: a new formulation for vaginal drug delivery. <i>International Journal of Nanomedicine</i> , 2014 , 9, 3151-61	7.3	38

40	Lean production and operational performance in the Brazilian automotive supply chain. <i>Total Quality Management and Business Excellence</i> , 2019 , 30, 370-385	2.7	38
39	Factors influencing knowledge transfer between NPD teams: a taxonomic analysis based on a sociotechnical approach. <i>R and D Management</i> , 2015 , 45, 1-22	4.1	34
38	Smart Products value creation in SMEs innovation ecosystems. <i>Technological Forecasting and Social Change</i> , 2020 , 156, 120024	9.5	31
37	An integrative model for knowledge transfer between new product development project teams. <i>Knowledge Management Research and Practice</i> , 2014 , 12, 215-225	2.1	30
36	An integrative environmental performance index for benchmarking in oil and gas industry. <i>Journal of Cleaner Production</i> , 2016 , 133, 1190-1203	10.3	26
35	The contribution of innovation policy criteria to the development of local renewable energy systems. <i>Energy Policy</i> , 2018 , 115, 353-365	7.2	25
34	Mucoadhesive Properties of Eudragit [®] RS100, Eudragit [®] S100, and Poly(L-lactide) Nanocapsules: Influence of the Vehicle and the Mucosal Surface. <i>AAPS PharmSciTech</i> , 2018 , 19, 1637-1646	2.9	22
33	A framework for decision-making in investment alternatives selection. <i>International Journal of Production Research</i> , 2013 , 51, 5866-5883	7.8	21
32	How governments, universities, and companies contribute to renewable energy development? A municipal innovation policy perspective of the triple helix. <i>Energy Research and Social Science</i> , 2021 , 71, 101854	7.7	18
31	Industry 4.0 technology provision: the moderating role of supply chain partners to support technology providers. <i>Supply Chain Management</i> , 2021 , ahead-of-print,	10	16
30	The Last Border for Servitization. <i>Procedia CIRP</i> , 2016 , 47, 394-399	1.8	14
29	Smart Working in Industry 4.0: How digital technologies enhance manufacturing workers' activities. <i>Computers and Industrial Engineering</i> , 2021 , 163, 107804	6.4	13
28	Sociotechnical factors and Industry 4.0: an integrative perspective for the adoption of smart manufacturing technologies. <i>Journal of Manufacturing Technology Management</i> , 2021 , ahead-of-print,	7.1	13
27	Knowledge transfer between NPD project teams. <i>International Journal of Quality and Reliability Management</i> , 2012 , 29, 242-264	2	11
26	Barriers for the digitalization of servitization. <i>Procedia CIRP</i> , 2019 , 83, 254-259	1.8	10
25	The contribution of Smart Glasses for PSS. <i>Procedia CIRP</i> , 2019 , 83, 318-323	1.8	7
24	Influence factors and process stages of knowledge transfer between NPD teams. <i>International Journal of Quality and Reliability Management</i> , 2014 , 31, 222-237	2	7
23	Implementing Vertical Integration in the Industry 4.0 Journey: Which Factors Influence the Process of Information Systems Adoption?. <i>Information Systems Frontiers</i> , 2021 , 1-18	4	6

22	The contribution of IT-leveraging capability for collaborative product development with suppliers. <i>Journal of Strategic Information Systems</i> , 2020 , 29, 101633	13.3	6
21	The use of ICT tools to support collaborative product development activities: evidences from Brazilian industry. <i>Production</i> , 2018 , 28,	1.3	5
20	An assessment model for virtual communities of practice: a study in the oil and gas industry. <i>Knowledge Management Research and Practice</i> , 2017 , 15, 507-522	2.1	5
19	Effects of open innovation breadth on industrial innovation input/output relationships. <i>European Journal of Innovation Management</i> , 2021 , ahead-of-print,	4.2	5
18	ICT Trends in Brazil. <i>IT Professional</i> , 2012 , 14, 31-38	1.9	4
17	Understanding Industry 4.0: Definitions and insights from a cognitive map analysis. <i>Brazilian Journal of Operations and Production Management</i> , 2019 , 16, 192-200	1.9	4
16	Services Extending Products: A Comparative Analysis in Emerging and Developed Countries. <i>Procedia CIRP</i> , 2017 , 64, 127-132	1.8	4
15	Capabilities supporting digital servitization: A multi-actor perspective. <i>Industrial Marketing Management</i> , 2022 , 103, 97-116	6.9	4
14	Integraço do QFD e da FMEA por meio de uma sistemtica para tomada de decises no processo de desenvolvimento de produtos. <i>Production</i> , 2014 , 24, 295-310	1.3	3
13	Service customization in turbulent environments: Service business models and knowledge integration to create capability-based switching costs. <i>Industrial Marketing Management</i> , 2022 , 100, 1-18	6.9	3
12	How to assess investments in industry 4.0 technologies? A multiple-criteria framework for economic, financial, and sociotechnical factors. <i>Production Planning and Control</i> , 1-20	4.3	3
11	Tablets: The Next Disruptive Computing Technology?. <i>IT Professional</i> , 2013 , 15, 18-25	1.9	2
10	Sistemtica para avaliaço multicriterial de investimentos no desenvolvimento de produtos. <i>Production</i> , 2011 , 21, 570-582	1.3	2
9	Adopting service suppliers for servitisation: which type of supplier involvement is more effective?. <i>Journal of Manufacturing Technology Management</i> , 2021 , 32, 977-993	7.1	2
8	Sustainable conditions for the development of renewable energy systems: A triple bottom line perspective. <i>Sustainable Cities and Society</i> , 2021 , 75, 103362	10.1	2
7	A relationship model for factors influencing knowledge transfer between NPD teams. <i>Production</i> , 2018 , 28,	1.3	1
6	Relaço entre caractersticas empresariais e fatores da transferncia de conhecimentos entre projetos de produto. <i>Production</i> , 2013 , 23, 95-106	1.3	0
5	An Analysis of Buyer-supplier Integration for Servitization Strategies. <i>Procedia CIRP</i> , 2016 , 47, 388-393	1.8	

- 4 Em direção a um modelo consolidado para a transferência de conhecimentos entre projetos de desenvolvimento de produtos. *Production*, **2013**, 23, 683-694 1.3
- 3 Smart Dust in the Industrial Economic Sector [On Application Cases in Product Lifecycle Management. *IFIP Advances in Information and Communication Technology*, **2020**, 165-175 0.5
- 2 Strategizing and Revenue Creation in Dynamic Paradigms: A Model to Support Revenue Analysis for Mobile Incumbent Telcos. *Communications in Computer and Information Science*, **2014**, 101-115 0.3
- 1 How can SMEs participate successfully in Industry 4.0 ecosystems? **2022**, 325-339