Fernando Deschamps

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Past, present and future of Industry 4.0 - a systematic literature review and research agenda proposal. International Journal of Production Research, 2017, 55, 3609-3629.	7.5	1,297
2	Industrial Internet of Things: A Systematic Literature Review and Insights. IEEE Internet of Things Journal, 2018, 5, 4515-4525.	8.7	129
3	Assessing the maturity of a research area: bibliometric review and proposed framework. Scientometrics, 2016, 109, 927-951.	3.0	118
4	The impact of the fourth industrial revolution: a cross-country/region comparison. Production, 2018, 28, .	1.3	92
5	A framework for interoperability assessment in crisis management. Journal of Industrial Information Integration, 2017, 5, 26-38.	6.4	32
6	Optimization of Energy Efficiency in Smart Manufacturing Through the Application of Cyber–Physical Systems and Industry 4.0 Technologies. Journal of Energy Resources Technology, Transactions of the ASME, 2022, 144, .	2.3	27
7	Digital twins in manufacturing: an assessment of drivers, enablers and barriers to implementation. Procedia CIRP, 2020, 93, 210-215.	1.9	25
8	Guidelines for Hoshin Kanri implementation: development and discussion. Production Planning and Control, 2017, 28, 843-859.	8.8	24
9	Designing performance measurement systems in nonprofit and public administration organizations. International Journal of Productivity and Performance Management, 2019, 68, 1373-1410.	3.7	23
10	Digital twins in manufacturing: An assessment of key features. Procedia CIRP, 2021, 97, 178-183.	1.9	21
11	The Role of Interoperability in The Fourth Industrial Revolution Era. IFAC-PapersOnLine, 2017, 50, 12434-12439.	0.9	20
12	Evaluation of Interoperability between Automation Systems using Multi-criteria Methods. Procedia Manufacturing, 2017, 11, 1837-1845.	1.9	20
13	Systems evaluation methodology to attend the digital projects requirements for industry 4.0. International Journal of Computer Integrated Manufacturing, 2020, 33, 398-410.	4.6	20
14	Identification of guidelines for Hoshin Kanri initiatives. International Journal of Productivity and Performance Management, 2018, 67, 85-110.	3.7	17
15	Applying machine learning to AHP multicriteria decision making method to assets prioritization in the context of industrial maintenance 4.0. IFAC-PapersOnLine, 2019, 52, 2152-2157.	0.9	17
16	Digital twin-driven decision support system for opportunistic preventive maintenance scheduling in manufacturing. Procedia Manufacturing, 2021, 55, 439-446.	1.9	16
17	A case study extension methodology for performance measurement diagnosis in nonprofit organizations. International Journal of Production Economics, 2018, 203, 225-238.	8.9	15
18	Design and Implementation Factors for Performance Measurement in Non-profit Organizations: A Literature Review. Frontiers in Psychology, 2020, 11, 1799.	2.1	15

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#	Article	IF	CITATIONS
19	An Analysis of Maturity Models and Current State Assessment of Organizations for Industry 4.0 Implementation. Procedia Manufacturing, 2020, 51, 1098-1105.	1.9	14
20	Title is missing!. Logforum, 2018, 14, 185-195.	1.2	10
21	Factors for performance measurement systems design in nonprofit organizations and public administration. Measuring Business Excellence, 2020, 24, 377-399.	2.4	9
22	Performance Management Systems for Project Management Offices: A Case-Based Study. Procedia Manufacturing, 2019, 39, 923-931.	1.9	6
23	The characteristics of nonprofit performance measurement systems. Total Quality Management and Business Excellence, 2022, 33, 1295-1325.	3.8	5
24	Performance measurement systems in nonprofit organizations: an authorship-based literature review. Measuring Business Excellence, 2021, 25, 245-270.	2.4	4
25	Data analytics in fleet operations: A systematic literature review and workflow proposal. Procedia CIRP, 2022, 107, 1192-1197.	1.9	3
26	Proposal of an industrial information system model for automatic performance evaluation. , 2008, , .		2
27	Digital Transformation Framework for Adequacy of Maintenance Systems for Industry 4.0. Communications in Computer and Information Science, 2021, , 280-292.	0.5	2
28	ANALYSIS OF IT STANDARDS AND PROTOCOLS FOR INDUSTRY 4.0. DEStech Transactions on Engineering and Technology Research, 2018, , .	0.0	2
29	Reconciling process flexibility and standardization: a case study in the automotive industry. Operations Management Research, 2021, 14, 507-524.	8.5	2
30	Applying a decision model based on multiple criteria decision making methods to evaluate the influence of digital transformation technologies on enterprise architecture principles. IET Collaborative Intelligent Manufacturing, 2022, 4, 101-111.	3.3	2
31	Digital Transformation Project Portfolio Selection/Prioritization: Literature Review and Future Directions. Lecture Notes on Multidisciplinary Industrial Engineering, 2020, , 282-292.	0.6	1
32	Advanced Planning and Scheduling (APS) Systems: A Systematic Literature Review. Advances in Transdisciplinary Engineering, 2021, , .	0.1	1
33	A análise da disponibilidade de recursos hÃdricos na região metropolitana de Curitiba e a importância das indústrias em buscar fontes alternativas de captação de água. Brazilian Journal of Development, 2020, 6, 13741-13756.	0.1	1
34	Working in the 4.0 Era: An Ontology for Competence Management in the Fourth Industrial Revolution. Springer Proceedings in Mathematics and Statistics, 2020, , 491-502.	0.2	1
35	Improve industrial performance based on systematic analyses of manufacturing data. IFAC-PapersOnLine, 2021, 54, 709-716.	0.9	1
36	What Role Do Design Factors Play in Applying Performance Measurement Systems in Nonprofit Organizations?. Administrative Sciences, 2022, 12, 43.	2.9	1

#	Article	IF	CITATIONS
37	Technology prioritization framework to adapt maintenance legacy systems for Industry 4.0 requirement: an interoperability approach. Production, 0, 32, .	1.3	1
38	Performance measurement based on machines data: Systematic literature review. IET Collaborative Intelligent Manufacturing, 2022, 4, 74-86.	3.3	1
39	Production Scheduling Process Assessment According to an Enterprise Engineering Perspective. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 408-413.	0.4	0
40	Analyzing the Implications of New Technologies to the Management of Operations – Protocol Proposal and Application Illustration. Procedia Manufacturing, 2019, 39, 904-912.	1.9	0
41	Enterprise Architecture Requirements for Digital Transformation Projects in an Automotive Industry. Lecture Notes on Multidisciplinary Industrial Engineering, 2020, , 293-301.	0.6	0
42	Fault prediction as a service in the smart factory: addressing common challenges for an effective implementation. IFAC-PapersOnLine, 2020, 53, 10743-10748.	0.9	0
43	Designing and implementing performance measurement systems based on enterprise engineering guidelines. International Journal of Productivity and Performance Management, 2023, 72, 1239-1265.	3.7	0
44	Digital Supply Chain Insights From Large Factories. Advances in Logistics, Operations, and Management Science Book Series, 2022, , 153-178.	0.4	0