

Fernando Deschamps

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,998
citations

567247

15
h-index

361001

35
g-index

45
all docs

45
docs citations

45
times ranked

2040
citing authors

| # | ARTICLE | IF | 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 |

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

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