

Siavash Haghghat Khajavi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4869040/publications.pdf>

Version: 2024-02-01

23
papers

1,354
citations

759233

12
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

1252
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Additive manufacturing in the spare parts supply chain. Computers in Industry, 2014, 65, 50-63. | 9.9 | 526 |
| 2 | Digital Twin: Vision, Benefits, Boundaries, and Creation for Buildings. IEEE Access, 2019, 7, 147406-147419. | 4.2 | 274 |
| 3 | The direct digital manufacturing (r)evolution: definition of a research agenda. Operations Management Research, 2016, 9, 1-10. | 8.5 | 174 |
| 4 | 3D Printing in COVID-19: Productivity Estimation of the Most Promising Open Source Solutions in Emergency Situations. Applied Sciences (Switzerland), 2020, 10, 4004. | 2.5 | 74 |
| 5 | Additive manufacturing in the spare parts supply chain: hub configuration and technology maturity. Rapid Prototyping Journal, 2018, 24, 1178-1192. | 3.2 | 52 |
| 6 | Risk reduction in new product launch: A hybrid approach combining direct digital and tool-based manufacturing. Computers in Industry, 2015, 74, 29-42. | 9.9 | 48 |
| 7 | An IoT-based automation system for older homes: a use case for lighting system. , 2018, , . | | 29 |
| 8 | To kit or not to kit: Analysing the value of model-based kitting for additive manufacturing. Computers in Industry, 2018, 98, 100-117. | 9.9 | 25 |
| 9 | Challenges to implementing additive manufacturing in globalised production environments. International Journal of Collaborative Enterprise, 2016, 5, 232. | 0.2 | 22 |
| 10 | Additive Manufacturing for Localized Medical Parts Production: A Case Study. IEEE Access, 2021, 9, 25818-25834. | 4.2 | 20 |
| 11 | Selective laser melting raw material commoditization: impact on comparative competitiveness of additive manufacturing. International Journal of Production Research, 2018, 56, 4874-4896. | 7.5 | 19 |
| 12 | Additive Manufacturing in the Construction Industry: The Comparative Competitiveness of 3D Concrete Printing. Applied Sciences (Switzerland), 2021, 11, 3865. | 2.5 | 17 |
| 13 | [WiP] A Novel Method for Big Data Analytics and Summarization Based on Fuzzy Similarity Measure. , 2018, , . | | 14 |
| 14 | Challenges to implementing additive manufacturing in globalised production environments. International Journal of Collaborative Enterprise, 2016, 5, 232. | 0.2 | 14 |
| 15 | Additive Manufacturing in the Clothing Industry: Towards Sustainable New Business Models. Applied Sciences (Switzerland), 2021, 11, 8994. | 2.5 | 13 |
| 16 | A Digital Twin for Safety and Risk Management: A Prototype for a Hydrogen High-Pressure Vessel. Lecture Notes in Computer Science, 2020, , 369-375. | 1.3 | 7 |
| 17 | Manufacturing Digitalization and Its Effects on Production Planning and Control Practices. IFIP Advances in Information and Communication Technology, 2015, , 179-185. | 0.7 | 6 |
| 18 | Crowdsourcing Properties and Mechanisms of Mega Hackathons: The Case of Junction. IEEE Transactions on Engineering Management, 2023, 70, 3021-3035. | 3.5 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | IoT-Enabled Workplaces: A Case Study of Energy Management and Data Analytics. , 2019, , . | | 4 |
| 20 | Additive Manufacturing as an Enabler of Digital Spare Parts. , 2020, , 45-60. | | 4 |
| 21 | Digital Twin for Safety and Comfort: A Case Study of Sauna. , 2020, , . | | 3 |
| 22 | Production Capacity Pooling in Additive Manufacturing, Possibilities and Challenges. IFIP Advances in Information and Communication Technology, 2017, , 501-508. | 0.7 | 2 |
| 23 | Impact of Additive Manufacturing on Supply Chain Complexity. , 2020, , . | | 2 |