Nikolaos Nikolakis

List of Publications by Year
in descending order

13 papers	457 citations	1307594 7 h-index	1372567 10 g-index
14 all docs	14 docs citations	14 times ranked	414 citing authors

#	Article	IF	Citations
1	Digital twin-driven supervised machine learning for the development of artificial intelligence applications in manufacturing. International Journal of Computer Integrated Manufacturing, 2020, 33, 429-439.	4.6	145
2	The digital twin implementation for linking the virtual representation of human-based production tasks to their physical counterpart in the factory-floor. International Journal of Computer Integrated Manufacturing, 2019, 32, 1-12.	4.6	144
3	A Deep Learning Model for Predictive Maintenance in Cyber-Physical Production Systems Using LSTM Autoencoders. Sensors, 2021, 21, 972.	3.8	63
4	On a containerized approach for the dynamic planning and control of a cyber - physical production system. Robotics and Computer-Integrated Manufacturing, 2020, 64, 101919.	9.9	38
5	A Cloud-to-Edge Approach to Support Predictive Analytics in Robotics Industry. Electronics (Switzerland), 2020, 9, 492.	3.1	26
6	Energy-Based Prognosis of the Remaining Useful Life of the Coating Segments in Hot Rolling Mill. Applied Sciences (Switzerland), 2020, 10, 6827.	2.5	10
7	A framework for advanced visualization of predictive analytics in cyber-physical production systems. Procedia CIRP, 2021, 104, 1565-1570.	1.9	5
8	Data-Driven Predictive Maintenance: AÂMethodology Primer. Information Fusion and Data Science, 2021, , 39-73.	0.3	2
9	A Digital Twin-Enabled Cyber-Physical System Approach for Mixed Packaging. Advances in Transdisciplinary Engineering, 2022, , .	0.1	1
10	Predictive Analytics in Robotic Industry. Information Fusion and Data Science, 2021, , 99-119.	0.3	0
11	Industrial Digitisation and Maintenance: Present and Future. Information Fusion and Data Science, 2021, , 3-18.	0.3	0
12	A Hybrid Cloud-to-Edge Predictive Maintenance Platform. Information Fusion and Data Science, 2021, , 19-37.	0.3	0
13	Services to Facilitate Predictive Maintenance in Industry4.0. Information Fusion and Data Science, 2021, , 75-95.	0.3	0