

Mirco Peron

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

765
citations

567281

15
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

646
citing authors

#	ARTICLE	IF	CITATIONS
1	A decision support system for configuring spare parts supply chains considering different manufacturing technologies. International Journal of Production Research, 2024, 62, 3023-3043.	7.5	38
2	Decision support model for implementing assistive technologies in assembly activities: a case study. International Journal of Production Research, 2022, 60, 1341-1367.	7.5	24
3	Increasing flexibility and productivity in Industry 4.0 production networks with autonomous mobile robots and smart intralogistics. Annals of Operations Research, 2022, 308, 125-143.	4.1	187
4	Age-based preventive maintenance with multiple printing options. International Journal of Production Economics, 2022, 243, 108339.	8.9	25
5	A methodological framework to integrate motion capture system and virtual reality for assembly system 4.0 workplace design. Safety Science, 2022, 146, 105561.	4.9	35
6	A decision support system for designing win-win interventions impacting occupational safety and operational performance in ageing workforce contexts. Safety Science, 2022, 147, 105598.	4.9	8
7	Electrochemical Corrosion Resistance of Mg Alloy ZK60 in Different Planes with Respect to Extrusion Direction. Metals, 2022, 12, 782.	2.3	6
8	Analyzing quasi-static fracture of notched magnesium ZK60 using notch fracture toughness and support vector machine. Theoretical and Applied Fracture Mechanics, 2022, 121, 103463.	4.7	2
9	Impact of Failure Rate Uncertainties on the Implementation of Additive Manufacturing in Spare Parts Supply Chains. IFIP Advances in Information and Communication Technology, 2021, , 291-299.	0.7	4
10	Additive Manufacturing and Spare Parts: Literature Review and Future Perspectives. Lecture Notes in Electrical Engineering, 2021, , 629-635.	0.4	5
11	Experimental characterization and theoretical prediction of quasi-static fracture behavior of notched ZK60-5%Mg samples. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 1484-1497.	3.4	2
12	Conventional or additive manufacturing for spare parts management: An extensive comparison for Poisson demand. International Journal of Production Economics, 2021, 233, 107993.	8.9	47
13	Enhancement of stress corrosion cracking of AZ31 magnesium alloy in simulated body fluid thanks to cryogenic machining. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 101, 103429.	3.1	35
14	Improving stress corrosion cracking behavior of AZ31 alloy with conformal thin titania and zirconia coatings for biomedical applications. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 111, 104005.	3.1	23
15	Fatigue of V-notched ZK60 magnesium samples: X-ray damage evolution characterization and failure prediction. International Journal of Fatigue, 2020, 139, 105734.	5.7	12
16	Comparing physiologically relevant corrosion performances of Mg AZ31 alloy protected by ALD and sputter coated TiO ₂ . Surface and Coatings Technology, 2020, 395, 125922.	4.8	26
17	The effect of Equal Channel Angular Pressing on the stress corrosion cracking susceptibility of AZ31 alloy in simulated body fluid. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 106, 103724.	3.1	43
18	Stress corrosion cracking behavior of zirconia ALD-coated AZ31 alloy in simulated body fluid. Material Design and Processing Communications, 2020, 2, e126.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Digital Facility Layout Planning. Sustainability, 2020, 12, 3349.	3.2	29
20	Effect of Zirconia ALD coating on stress corrosion cracking of AZ31 alloy in simulated body fluid. Procedia Structural Integrity, 2019, 18, 538-548.	0.8	10
21	Mixed mode fracture behavior of notched giant magnetostrictive: Mechanical characterization and comparison among failure criteria. Theoretical and Applied Fracture Mechanics, 2019, 99, 194-204.	4.7	6
22	Rupture Predictions of Notched Ti-6Al-4V Using Local Approaches. Materials, 2018, 11, 663.	2.9	17
23	Fatigue Strength Assessment of Steel Rollers: On the Reliability of the Strain Energy Density Approach on Real Components. Applied Sciences (Switzerland), 2018, 8, 1015.	2.5	12
24	Fracture behaviour of notched as-built EBM parts: Characterization and interplay between defects and notch strengthening behaviour. Theoretical and Applied Fracture Mechanics, 2018, 98, 178-185.	4.7	24
25	A Novel Approach for Assessing the Fatigue Behavior of PEEK in a Physiologically Relevant Environment. Materials, 2018, 11, 1923.	2.9	10
26	Revealing the Bonding Environment of Zn in ALD Zn(O,S) Buffer Layers through X-ray Absorption Spectroscopy. ACS Applied Materials & Interfaces, 2017, 9, 39105-39109.	8.0	23
27	Fracture Assessment of PEEK under Static Loading by Means of the Local Strain Energy Density. Materials, 2017, 10, 1423.	2.9	13
28	Mg and Its Alloys for Biomedical Applications: Exploring Corrosion and Its Interplay with Mechanical Failure. Metals, 2017, 7, 252.	2.3	93