

Siavash H Khajavi

List of Publications by Year in descending order

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17
papers

1,286
citations

840776

11
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1202
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive Manufacturing for Localized Medical Parts Production: A Case Study. IEEE Access, 2021, 9, 25818-25834.	4.2	20
2	Additive Manufacturing in the Construction Industry: The Comparative Competitiveness of 3D Concrete Printing. Applied Sciences (Switzerland), 2021, 11, 3865.	2.5	17
3	Additive Manufacturing in the Clothing Industry: Towards Sustainable New Business Models. Applied Sciences (Switzerland), 2021, 11, 8994.	2.5	13
4	Digital Twin for Safety and Comfort: A Case Study of Sauna. , 2020, , .		3
5	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
6	Additive Manufacturing as an Enabler of Digital Spare Parts. , 2020, , 45-60.		4
7	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
8	Digital Twin: Vision, Benefits, Boundaries, and Creation for Buildings. IEEE Access, 2019, 7, 147406-147419.	4.2	274
9	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
10	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
11	Additive manufacturing in the spare parts supply chain: hub configuration and technology maturity. Rapid Prototyping Journal, 2018, 24, 1178-1192.	3.2	52
12	Production Capacity Pooling in Additive Manufacturing, Possibilities and Challenges. IFIP Advances in Information and Communication Technology, 2017, , 501-508.	0.7	2
13	Challenges to implementing additive manufacturing in globalised production environments. International Journal of Collaborative Enterprise, 2016, 5, 232.	0.2	22
14	The direct digital manufacturing (r)evolution: definition of a research agenda. Operations Management Research, 2016, 9, 1-10.	8.5	174
15	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
16	Manufacturing Digitalization and Its Effects on Production Planning and Control Practices. IFIP Advances in Information and Communication Technology, 2015, , 179-185.	0.7	6
17	Additive manufacturing in the spare parts supply chain. Computers in Industry, 2014, 65, 50-63.	9.9	526