

Helen Louise Lockett

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

717
citations

933447

10
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

690
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of geometrical features using wire and arc additive manufacture. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2012, 226, 1042-1051.	2.4	183
2	Product Service Systems and supply network relationships: an exploratory case study. Journal of Manufacturing Technology Management, 2011, 22, 293-313.	6.4	108
3	A modular path planning solution for Wire + Arc Additive Manufacturing. Robotics and Computer-Integrated Manufacturing, 2019, 60, 1-11.	9.9	98
4	Design for Wire + Arc Additive Manufacture: design rules and build orientation selection. Journal of Engineering Design, 2017, 28, 568-598.	2.3	91
5	Design study for wire and arc additive manufacture. International Journal of Product Development, 2014, 19, 2.	0.2	74
6	A framework to inform PSS Conceptual Design by using system-in-use data. Computers in Industry, 2012, 63, 319-327.	9.9	45
7	Using requirement-functional-logical-physical models to support early assembly process planning for complex aircraft systems integration. Journal of Manufacturing Systems, 2020, 54, 242-257.	13.9	23
8	Assessing the value dimensions of outsourced maintenance services. Journal of Quality in Maintenance Engineering, 2013, 19, 348-363.	1.7	22
9	Similarity measures for mid-surface quality evaluation. CAD Computer Aided Design, 2008, 40, 368-380.	2.7	15
10	Experimental investigation into aircraft system manual assembly performance under varying structural component orientations. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2020, 234, 840-855.	2.4	13
11	An Automated Maintainability Prediction Tool Integrated with Computer Aided Design. Procedia CIRP, 2017, 60, 440-445.	1.9	10
12	An Investigation into the Interrelationship between Aircraft Systems and Final Assembly Process Design. Procedia CIRP, 2017, 60, 62-67.	1.9	10
13	A System Approach for Modelling Additive Manufacturing in Defence Acquisition Programs. Procedia CIRP, 2018, 67, 209-214.	1.9	10
14	Applying Design for Assembly Principles in Computer Aided Design to Make Small Changes that Improve the Efficiency of Manual Aircraft Systems Installations. SAE International Journal of Aerospace, 0, 7, 284-291.	4.0	9
15	Aircraft Wing Build Philosophy Change through System Pre-Equipping of Major Components. SAE International Journal of Aerospace, 2016, 9, 190-197.	4.0	3
16	The Management of Product Data in an Integrated Aircraft Analysis Environment. Journal of Computing and Information Science in Engineering, 2004, 4, 359-364.	2.7	1
17	ANALYSIS OF FUNCTIONAL REFERENCE ARCHITECTURE THROUGH AN INDUSTRY LENS. Proceedings of the Design Society, 2021, 1, 467-476.	0.8	1
18	Industry Practices and Challenges in Using Product in Use Data to Inform PSS Conceptual Design. , 2011, , 242-247.		1