

# Helen Louise Lockett

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3068417/publications.pdf>

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18  
papers

717  
citations

933447

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940533

16  
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all docs

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docs citations

18  
times ranked

690  
citing authors

#	ARTICLE	IF	CITATIONS
1	ANALYSIS OF FUNCTIONAL REFERENCE ARCHITECTURE THROUGH AN INDUSTRY LENS. Proceedings of the Design Society, 2021, 1, 467-476.	0.8	1
2	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
3	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
4	A modular path planning solution for Wire + Arc Additive Manufacturing. Robotics and Computer-Integrated Manufacturing, 2019, 60, 1-11.	9.9	98
5	A System Approach for Modelling Additive Manufacturing in Defence Acquisition Programs. Procedia CIRP, 2018, 67, 209-214.	1.9	10
6	Design for Wire + Arc Additive Manufacture: design rules and build orientation selection. Journal of Engineering Design, 2017, 28, 568-598.	2.3	91
7	An Automated Maintainability Prediction Tool Integrated with Computer Aided Design. Procedia CIRP, 2017, 60, 440-445.	1.9	10
8	An Investigation into the Interrelationship between Aircraft Systems and Final Assembly Process Design. Procedia CIRP, 2017, 60, 62-67.	1.9	10
9	Aircraft Wing Build Philosophy Change through System Pre-Equipping of Major Components. SAE International Journal of Aerospace, 2016, 9, 190-197.	4.0	3
10	Design study for wire and arc additive manufacture. International Journal of Product Development, 2014, 19, 2.	0.2	74
11	Assessing the value dimensions of outsourced maintenance services. Journal of Quality in Maintenance Engineering, 2013, 19, 348-363.	1.7	22
12	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
13	A framework to inform PSS Conceptual Design by using system-in-use data. Computers in Industry, 2012, 63, 319-327.	9.9	45
14	Product Service Systems and supply network relationships: an exploratory case study. Journal of Manufacturing Technology Management, 2011, 22, 293-313.	6.4	108
15	Industry Practices and Challenges in Using Product in Use Data to Inform PSS Conceptual Design. , 2011, , 242-247.		1
16	Similarity measures for mid-surface quality evaluation. CAD Computer Aided Design, 2008, 40, 368-380.	2.7	15
17	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
18	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