

# Diana M Segura Velandia

## List of Publications by Year in descending order

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19  
papers

190  
citations

1684188

5  
h-index

1372567

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Personalised Controller Strategies for Next Generation Intelligent Adaptive Electric Bicycles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7814-7825.	8.0	4
2	The potential of industry 4.0 Cyber Physical System to improve quality assurance: An automotive case study for wash monitoring of returnable transit items. CIRP Journal of Manufacturing Science and Technology, 2021, 32, 461-475.	4.5	20
3	Towards industrial internet of things: Crankshaft monitoring, traceability and tracking using RFID. Robotics and Computer-Integrated Manufacturing, 2016, 41, 66-77.	9.9	111
4	Design and performance of a flexible metal mountable UHF RFID tag. , 2015, , .		3
5	Tattoo Antenna Temporary Transfers Operating On-Skin (TATTOOS). Lecture Notes in Computer Science, 2015, , 685-695.	1.3	8
6	Root cause analysis support for quality improvement in electronics manufacturing. Assembly Automation, 2011, 31, 38-46.	1.7	7
7	A database system for decision support in low-volume electronics assembly. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2011, 225, 1411-1430.	2.4	5
8	An integrated approach to Design for Quality (DfQ) in the high value added printed circuit assembly (PCA) manufacturing: A pilot tool. , 2010, , .		0
9	Integrated simulation tool for quality support in the low-volume high-complexity electronics manufacturing domain. International Journal of Production Research, 2010, 48, 45-68.	7.5	9
10	Case-based adaptation for product formulation. International Journal of Computer Integrated Manufacturing, 2009, 22, 524-537.	4.6	1
11	Integrated modelling for simulation in the electronics manufacturing domain. , 2009, , .		4
12	Image-based retrieval in case-based reasoning systems for polyurethane manufacture. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2009, 223, 89-105.	2.4	2
13	Characterization of printed solder paste excess and bridge related defects. , 2008, , .		6
14	Integration issues in the development of a modelling and simulation tool for low volume high-complexity electronics manufacture. , 2008, , .		0
15	A simulation module for supporting the manufacture of high value added electronics manufacturing. , 2008, , .		2
16	Formulating polyurethanes using case based reasoning. Plastics, Rubber and Composites, 2007, 36, 241-247.	2.0	0
17	Complex Low Volume Electronics Simulation Tool to Improve Yield and Reliability. Electronics Manufacturing Technology Symposium (IEMT), IEEE/CPMT International, 2007, , .	0.0	4
18	A Modelling Framework for the Reliability of Safety Critical Electronics. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
19	A case-based reasoning approach for low volume, high added value electronics. , 2006, , .		4