

Robert R Lipman

List of Publications by Year in descending order

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15
papers

1,256
citations

932766

10
h-index

1058022

14
g-index

19
all docs

19
docs citations

19
times ranked

1220
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic reconstruction of as-built building information models from laser-scanned point clouds: A review of related techniques. <i>Automation in Construction</i> , 2010, 19, 829-843.	4.8	805
2	Streamlining the additive manufacturing digital spectrum: A systems approach. <i>Additive Manufacturing</i> , 2015, 5, 20-30.	1.7	81
3	Investigating the Role of Geometric Dimensioning and Tolerancing in Additive Manufacturing. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2015, 137, .	1.7	69
4	The origin and characterization of conformational heterogeneity in adsorbed polymer layers. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 7699-7718.	0.7	63
5	Ladars for construction assessment and update. <i>Automation in Construction</i> , 2000, 9, 463-477.	4.8	63
6	Conformance checking of PMI representation in CAD model STEP data exchange files. <i>CAD Computer Aided Design</i> , 2015, 66, 14-23.	1.4	52
7	Real-time drill monitoring and control using building information models augmented with 3D imaging data. <i>Automation in Construction</i> , 2013, 36, 1-15.	4.8	39
8	Mobile 3D visualization for steel structures. <i>Automation in Construction</i> , 2004, 13, 119-125.	4.8	25
9	Assessment of conformance and interoperability testing methods used for construction industry product models. <i>Automation in Construction</i> , 2011, 20, 418-428.	4.8	20
10	Evaluation of standard product models for supporting automated erection of structural steelwork. <i>Automation in Construction</i> , 2007, 16, 232-241.	4.8	10
11	Automating Robot Planning Using Product and Manufacturing Information. <i>Procedia CIRP</i> , 2016, 43, 208-213.	1.0	6
12	Testing Implementations of Geometric Dimensioning and Tolerancing in CAD Software. <i>Computer-Aided Design and Applications</i> , 2020, 17, 1241-1265.	0.4	3
13	STEP File Analyzer Software. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2017, 122, 1-2.	0.4	2
14	Software to Report Product and Manufacturing Information in QIF Files. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2019, 124, 1-3.	0.4	1
15	Testing Implementations of Geometric Dimensioning and Tolerancing in CAD Software. <i>Computer-Aided Design and Applications</i> , 2020, 17, .	0.4	0