Robert R Lipman

List of Publications by Year
in descending order

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