

Wei Liu

List of Publications by Year in descending order

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14
papers

151
citations

1478505

6
h-index

1199594

12
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all docs

14
docs citations

14
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards ubiquitous data access service of 3D part library in cloud scheme with host independence. International Journal of Advanced Manufacturing Technology, 2022, 120, 5777-5791.	3.0	0
2	High efficiency calculation of cutter-workpiece engagement in five-axis milling using distance fields and envelope theory. Journal of Manufacturing Processes, 2021, 68, 1430-1447.	5.9	11
3	A method of NC machine tools intelligent monitoring system in smart factories. Robotics and Computer-Integrated Manufacturing, 2020, 61, 101842.	9.9	50
4	An effective and automatic approach for parameters optimization of complex end milling process based on virtual machining. Journal of Intelligent Manufacturing, 2020, 31, 967-984.	7.3	17
5	A study on a general cyber machine tools monitoring system in smart factories. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2020, , 095440542095894.	2.4	5
6	Service oriented cross-platform framework for 3D part library based on diversiform knowledge implantation. Computer-Aided Design and Applications, 2018, 15, 872-879.	0.6	2
7	A network quotation framework for customised parts through rough requests. International Journal of Computer Integrated Manufacturing, 2018, 31, 1220-1234.	4.6	5
8	3D scanning data processing and registration for the construction of urban scenes via image methods. Imaging Science Journal, 2017, 65, 214-225.	0.5	1
9	A similarity-based reuse system for injection mold design in automotive interior industry. International Journal of Advanced Manufacturing Technology, 2016, 87, 1783-1795.	3.0	13
10	Three-dimensional (3D) CAD model lightweight scheme for large-scale assembly and simulation. International Journal of Computer Integrated Manufacturing, 2015, 28, 520-533.	4.6	17
11	A geometric reasoning approach to hierarchical representation for B-rep model retrieval. CAD Computer Aided Design, 2015, 62, 190-202.	2.7	25
12	Evaluation and optimization of intersection process between voxelized mesh models and homocentric spheres. Journal of Shanghai Jiaotong University (Science), 2011, 16, 474-478.	0.9	0
13	Voxelizing 3D mesh models with gray levels. Journal of Shanghai Jiaotong University (Science), 2009, 14, 513-517.	0.9	3
14	Multi-level spherical moments based 3D model retrieval. Journal of Zhejiang University: Science A, 2006, 7, 1500-1507.	2.4	2