

Hao Xiaozhong

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

263
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

181
citing authors

#	ARTICLE	IF	CITATIONS
1	Responsive fixture design using dynamic product inspection and monitoring technologies for the precision machining of large-scale aerospace parts. <i>CIRP Annals - Manufacturing Technology</i> , 2015, 64, 173-176.	3.6	59
2	Tool path transplantation method for adaptive machining of large-sized and thin-walled free form surface parts based on error distribution. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019, 56, 222-232.	9.9	29
3	6+X locating principle based on dynamic mass centers of structural parts machined by responsive fixtures. <i>International Journal of Machine Tools and Manufacture</i> , 2018, 125, 112-122.	13.4	24
4	Dynamic machining process planning incorporating in-process workpiece deformation data for large-size aircraft structural parts. <i>International Journal of Computer Integrated Manufacturing</i> , 2019, 32, 136-147.	4.6	23
5	A time-varying geometry modeling method for parts with deformation during machining process. <i>Journal of Manufacturing Systems</i> , 2020, 55, 15-29.	13.9	23
6	Kinetics modeling of carbon fiber reinforced bismaleimide composites under microwave and thermal curing. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	19
7	Layered self-resistance electric heating to cure thick carbon fiber reinforced epoxy laminates. <i>Polymer Composites</i> , 2021, 42, 2469-2483.	4.6	18
8	Effects of temperature profiles of microwave curing processes on mechanical properties of carbon fibre reinforced composites. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2017, 231, 1332-1340.	2.4	17
9	An adaptive machining approach based on in-process inspection of interim machining states for large-scaled and thin-walled complex parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 90, 3119-3128.	3.0	16
10	Sculptured surface-oriented machining error synthesis modeling for five-axis machine tool accuracy design optimization. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 89, 3285-3298.	3.0	12
11	Dielectric properties of continuous fiber reinforced polymer composites: Modeling, validation, and application. <i>Polymer Composites</i> , 2018, 39, 4646-4655.	4.6	7
12	Thermal Manipulation in Multi-Layered Anisotropic Materials via Computed Thermal Patterning. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	7
13	A feature-based automatic broken surfaces fitting method for complex aircraft skin parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 84, 1001.	3.0	5
14	Temperature distribution analysis of carbon fiber reinforced polymer composites during self-resistance electric heating process. <i>Journal of Reinforced Plastics and Composites</i> , 2022, 41, 805-821.	3.1	3
15	Cooling system during high-pressure microwave curing based on electromagnetic shielding. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 113, 1331-1345.	3.0	1
16	A seven-question based critical thinking framework for cultivating innovation talents in engineering research and its implementation perspectives. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 0, , 095440542210762.	2.4	0