

Xiaoming Chen

List of Publications by Year in descending order

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9
papers

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1684188
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all docs

9
docs citations

9
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	I-fiber implantation robot for composite parts. Textile Reseach Journal, 2022, 92, 383-399.	2.2	2
2	Numerical and experimental analysis on anisotropic thermal conductivity of carding quartz fiber web based on the reconstruction model. Textile Reseach Journal, 2022, 92, 2100-2111.	2.2	2
3	Significantly improve the interlayer and in-plane properties of needled fabrics by novel none-felt needling technology. Composite Structures, 2021, 274, 114303.	5.8	8
4	Damage evaluation of quartz woven fabrics during needle punching process. Journal of Industrial Textiles, 2020, , 152808372091298.	2.4	0
5	Robot needle-punching path planning for complex surface preforms. Robotics and Computer-Integrated Manufacturing, 2018, 52, 24-34.	9.9	20
6	Robot needle-punching for manufacturing composite preforms. Robotics and Computer-Integrated Manufacturing, 2018, 50, 132-139.	9.9	17
7	Experimental and numerical investigation of the needling process for quartz fibers. Composites Science and Technology, 2018, 165, 115-123.	7.8	44
8	Three-dimensional needle-punching for composites “ A review. Composites Part A: Applied Science and Manufacturing, 2016, 85, 12-30.	7.6	94
9	Impact characteristics of needled/I-fiber coupling reinforced composite. Journal of Industrial Textiles, 0, , 152808372210981.	2.4	0