

# Xiaoming Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9641975/publications.pdf>

Version: 2024-02-01

9  
papers

187  
citations

1684188  
5  
h-index

1720034  
7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

97  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional needle-punching for composites – A review. Composites Part A: Applied Science and Manufacturing, 2016, 85, 12-30.	7.6	94
2	Experimental and numerical investigation of the needling process for quartz fibers. Composites Science and Technology, 2018, 165, 115-123.	7.8	44
3	Robot needle-punching path planning for complex surface preforms. Robotics and Computer-Integrated Manufacturing, 2018, 52, 24-34.	9.9	20
4	Robot needle-punching for manufacturing composite preforms. Robotics and Computer-Integrated Manufacturing, 2018, 50, 132-139.	9.9	17
5	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
6	I-fiber implantation robot for composite parts. Textile Research Journal, 2022, 92, 383-399.	2.2	2
7	Numerical and experimental analysis on anisotropic thermal conductivity of carding quartz fiber web based on the reconstruction model. Textile Research Journal, 2022, 92, 2100-2111.	2.2	2
8	Damage evaluation of quartz woven fabrics during needle punching process. Journal of Industrial Textiles, 2020, , 152808372091298.	2.4	0
9	Impact characteristics of needled/I-fiber coupling reinforced composite. Journal of Industrial Textiles, 0, , 152808372210981.	2.4	0