

# Xue Wan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6395796/publications.pdf>

Version: 2024-02-01

8  
papers

474  
citations

1307594  
7  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Ink Writing Based 4D Printing of Materials and Their Applications. <i>Advanced Science</i> , 2020, 7, 2001000.	11.2	168
2	CNT-based electro-responsive shape memory functionalized 3D printed nanocomposites for liquid sensors. <i>Carbon</i> , 2019, 155, 77-87.	10.3	98
3	4D printed shape memory polymers and their structures for biomedical applications. <i>Science China Technological Sciences</i> , 2020, 63, 545-560.	4.0	85
4	3D printing of shape memory poly( <i>DL</i> -lactide- <i>co</i> -trimethylene carbonate) by direct ink writing for shape-changing structures. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48177.	2.6	45
5	World's first spaceflight on-orbit demonstration of a flexible solar array system based on shape memory polymer composites. <i>Science China Technological Sciences</i> , 2020, 63, 1436-1451.	4.0	45
6	4D printing of multiple shape memory polymer and nanocomposites with biocompatible, programmable and selectively actuated properties. <i>Additive Manufacturing</i> , 2022, 53, 102689.	3.0	19
7	Bioinspired four-dimensional polymeric aerogel with programmable temporal-spatial multiscale structure and functionality. <i>Composites Science and Technology</i> , 2021, 206, 108677.	7.8	11
8	Investigation of the Long-Term Storage Stability of Shape Memory Epoxy Prepolymer. <i>Advanced Engineering Materials</i> , 2022, 24, 2101023.	3.5	3