

# Jing Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9638941/publications.pdf>

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14  
papers

1,132  
citations

840776

11  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1847  
citing authors

#	ARTICLE	IF	CITATIONS
1	Weak Hydrogen Bonding Enables Hard, Strong, Tough, and Elastic Hydrogels. <i>Advanced Materials</i> , 2015, 27, 6899-6905.	21.0	434
2	Shapeshifting: Reversible Shape Memory in Semicrystalline Elastomers. <i>Macromolecules</i> , 2014, 47, 1768-1776.	4.8	171
3	Reversible shape-shifting in polymeric materials. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 1365-1380.	2.1	100
4	Understanding the role of tissue-specific decellularized spinal cord matrix hydrogel for neural stem/progenitor cell microenvironment reconstruction and spinal cord injury. <i>Biomaterials</i> , 2021, 268, 120596.	11.4	81
5	Programming temporal shapeshifting. <i>Nature Communications</i> , 2016, 7, 12919.	12.8	72
6	Dynamics of Dual Networks: Strain Rate and Temperature Effects in Hydrogels with Reversible H-Bonds. <i>Macromolecules</i> , 2017, 50, 652-659.	4.8	66
7	Advancing Reversible Shape Memory by Tuning the Polymer Network Architecture. <i>Macromolecules</i> , 2016, 49, 1383-1391.	4.8	55
8	Dynamic Optical Gratings Accessed by Reversible Shape Memory. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 14288-14293.	8.0	48
9	Decellularized nerve matrix hydrogel scaffolds with longitudinally oriented and size-tunable microchannels for peripheral nerve regeneration. <i>Materials Science and Engineering C</i> , 2021, 120, 111791.	7.3	39
10	Boosting Both Electrocatalytic Activity and Durability of Metal Aerogels via Intrinsic Hierarchical Porosity and Continuous Conductive Network Backbone Preservation. <i>Advanced Energy Materials</i> , 2021, 11, 2002276.	19.5	24
11	Thiol-Rich Multifunctional Macromolecular Crosslinker for Gelatin-Norbornene-Based Bioprinting. <i>Biomacromolecules</i> , 2021, 22, 2729-2739.	5.4	23
12	Fe (III)@TA@IGF-2 microspheres loaded hydrogel for liver injury treatment. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 183-193.	7.5	7
13	Linear Shape Memory Polyester with Programmable Splitting of Crystals. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100254.	3.6	6
14	Synthesis and self-assembly of amphiphilic diblock polycarbonates with various pendant hydrophilic groups. <i>Polymer</i> , 2022, 244, 124664.	3.8	6