

Yifan Zhang

List of Publications by Year in descending order

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8
papers

252
citations

1307594

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1588992

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g-index

8
all docs

8
docs citations

8
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative characterization of 3D bioprinted structural elements under cell generated forces. Nature Communications, 2019, 10, 3029.	12.8	73
2	Chromogenic Photonic Crystal Sensors Enabled by Multistimuli-Responsive Shape Memory Polymers. Small, 2018, 14, e1703515.	10.0	72
3	3D printed collagen structures at low concentrations supported by jammed microgels. Bioprinting, 2021, 21, e00121.	5.8	32
4	Programmable Macroporous Photonic Crystals Enabled by Swelling-Induced All-Room-Temperature Shape Memory Effects. Advanced Functional Materials, 2017, 27, 1703522.	14.9	31
5	Reconfigurable Anticounterfeiting Coatings Enabled by Macroporous Shape Memory Polymers. ACS Applied Polymer Materials, 2019, 1, 36-46.	4.4	20
6	Macroporous Superhydrophobic Coatings with Switchable Wettability Enabled by Smart Shape Memory Polymers. Advanced Materials Interfaces, 2021, 8, 2002111.	3.7	12
7	Hierarchical Characterization and Nanomechanical Assessment of Biomimetic Scaffolds Mimicking Lamellar Bone via Atomic Force Microscopy Cantilever-Based Nanoindentation. Materials, 2018, 11, 1257.	2.9	10
8	Switchable Friction Coefficient on Shape Memory Photonic Crystals. MRS Advances, 2020, 5, 757-763.	0.9	2