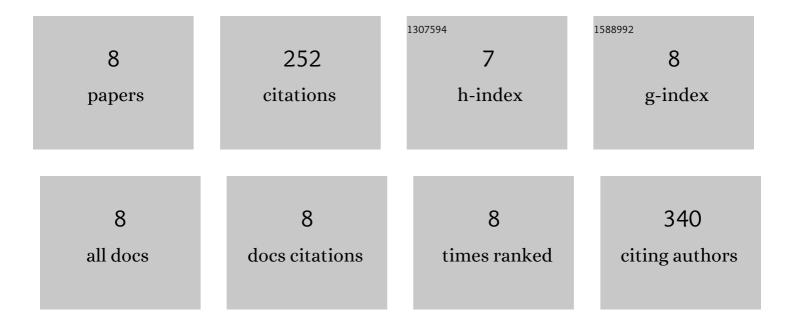
Yifan Zhang

List of Publications by Year in descending order

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YIEAN ZHANC

| # | 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 Multistimuliâ€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 Swellingâ€Induced Allâ€Roomâ€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 |