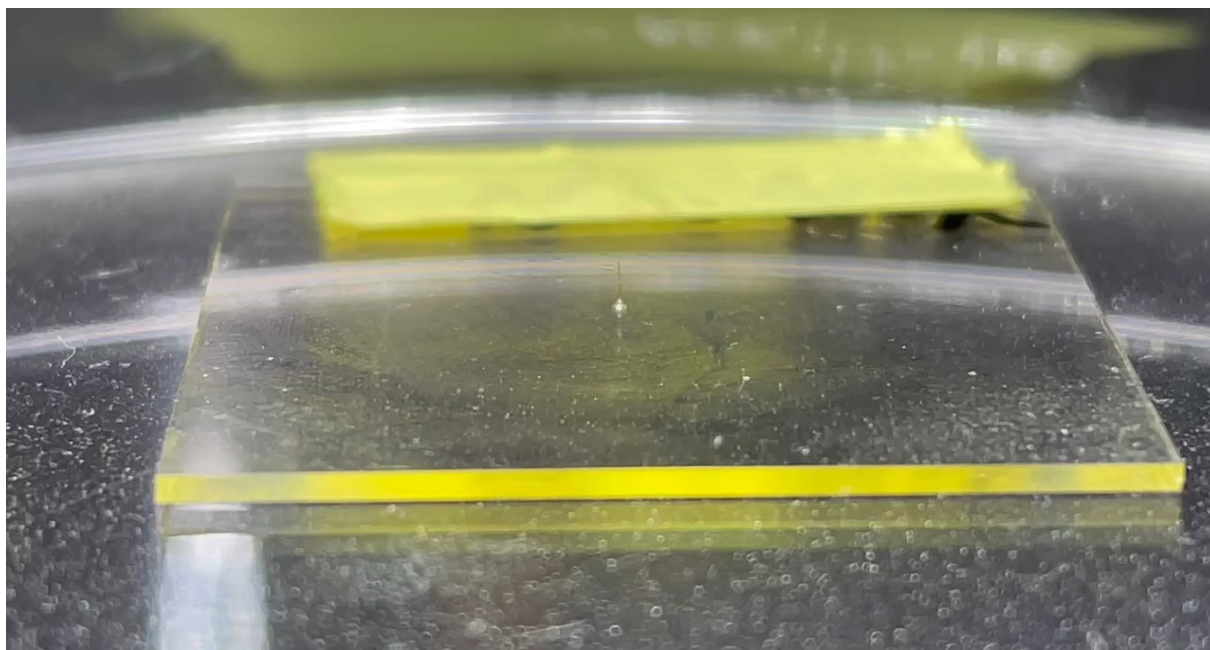


Biocompatible polymers with tunable mechanical properties and functionalities for two-photon 3D printing (Supplementary material)

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Mechanical long-term stability experiment

In this study, we performed the manual pressing experiment on the microneedle structure two months after two-photon printing. As shown in the video below, we repeatedly press the hollow microneedle structure in the video, and the microneedle can always quickly return to the prototype. Experiments demonstrate that our structure has long-term stability.



Supplementary Video S1. Mechanics experiment of microneedles.