



ADVANCED FUNCTIONAL MATERIALS

SOFT ROBOTS

In article number 1806698, Guoying Gu, Qi Ge, and co-workers develop a paradigm to design and manufacture fast-response, stiffness-tunable (FRST) soft actuators via hybrid multimaterial 3D printing. The robotic gripper with three FRST actuators demonstrates a high load capacity and shape adaptivity by lifting objects with arbitrary shapes and various weights spanning from less than 10 g to 1.5 kg.