OBJECTIVES

Development of a new microfabrication technique, which can fabricate the 3D complex microstructure consisting of metal with the size scale of several 10 μm.

3D Microfabrication technique by Photocatalysis

We have proposed a new microfabrication technique based on photocatalytic deposition of metal.

Development of 3D microfabrication system

The various fabrication results of 3-D microstructures with the size scale of several 10 μm confirmed the feasibility of the proposed method.