

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: FEA of the 3D hemisphere structures during compressive buckling, showing the distributions of maximum principal strains.

File Name: Supplementary Movie 2

Description: The stability of 3D photodetector array for stretching, bending and twisting.

File Name: Supplementary Movie 3

Description: In situ measurement of 3D photodetector.