Description of Additional Supplementary Files

File Name: Supplementary Movie 1
Description: 3D printing of a 20-layered high aspect ratio structure by the conducting polymer ink.

File Name: Supplementary Movie 2
Description: 3D printing of overhanging features over high aspect ratio structures by the conducting polymer ink.

File Name: Supplementary Movie 3
Description: 3D printing of a multi-electrodes array (MEA) by the conducting polymer ink and PDMS ink.

File Name: Supplementary Movie 4
Description: High resolution and high throughput 3D printing of flexible circuit patterns by the conducting polymer ink.

File Name: Supplementary Movie 5
Description: 3D printing of a soft multi-channel neural probe by the conducting polymer ink and PDMS ink.