

## Electronic Supplementary Information

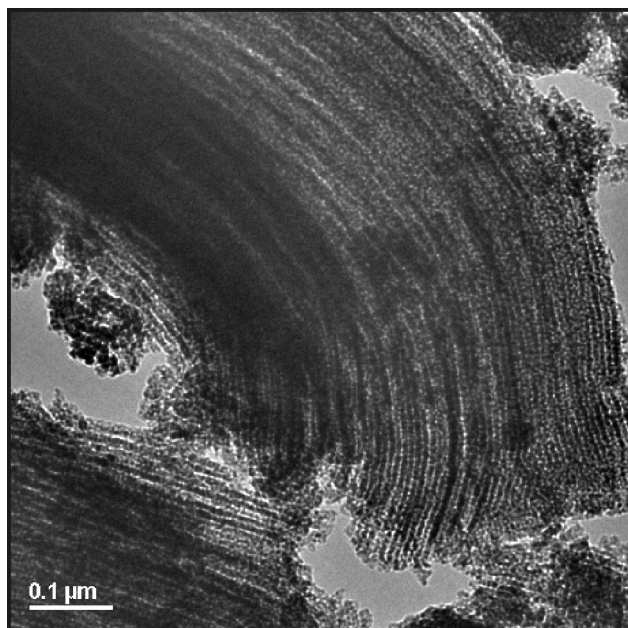


Figure ESI 1. Low magnification TEM image of ZrO<sub>2</sub>-SR

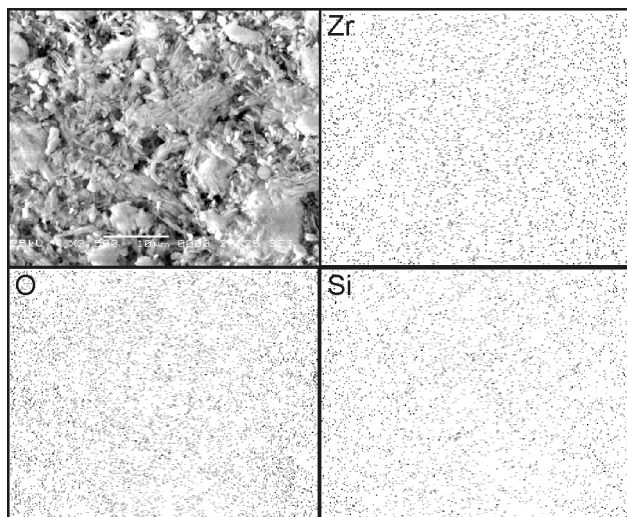


Figure ESI 2. SEM image of ZrO<sub>2</sub>-SR and corresponding elemental maps for O, Si and Zr. Note: because of the different detector geometries for imaging and EDS, this correspondence is not exact.