Supporting Information for

Self-Arrangement of Nanoparticles toward Crystalline Metal Oxides with High Surface Areas and Tunable 3D Mesopores

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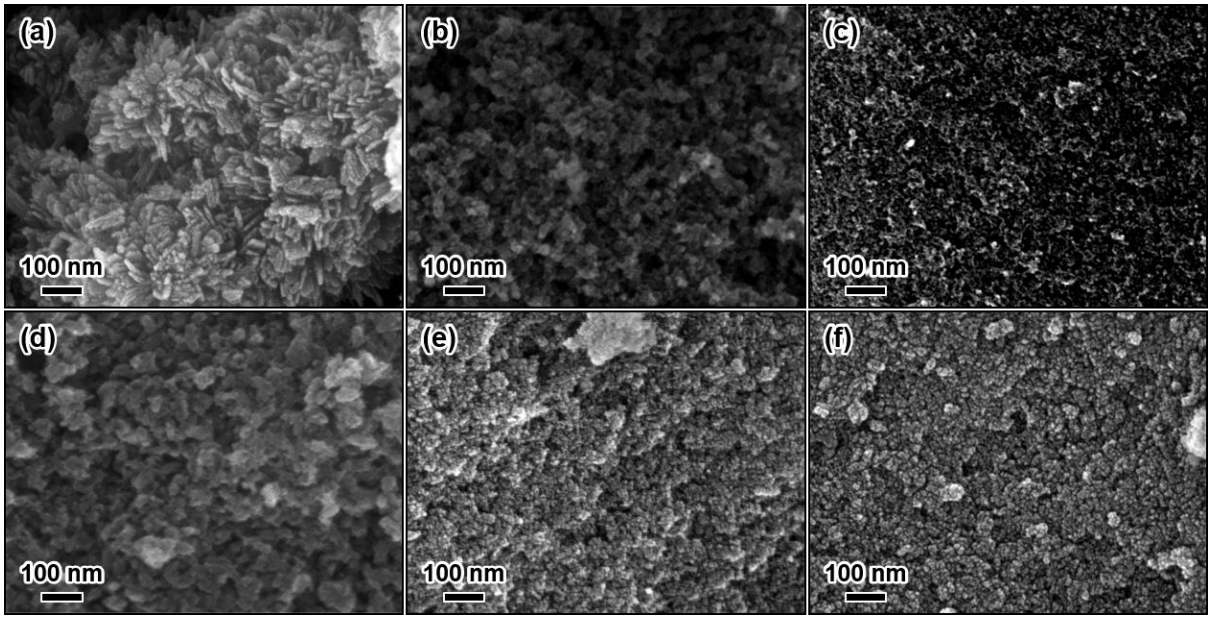

Figure S1. Scanning electron microscopy (SEM) images of MT-0 (a), MT-25 (b), MT-50 (c), MT-75 (d), MT-100 (e), and MT-200 (f).

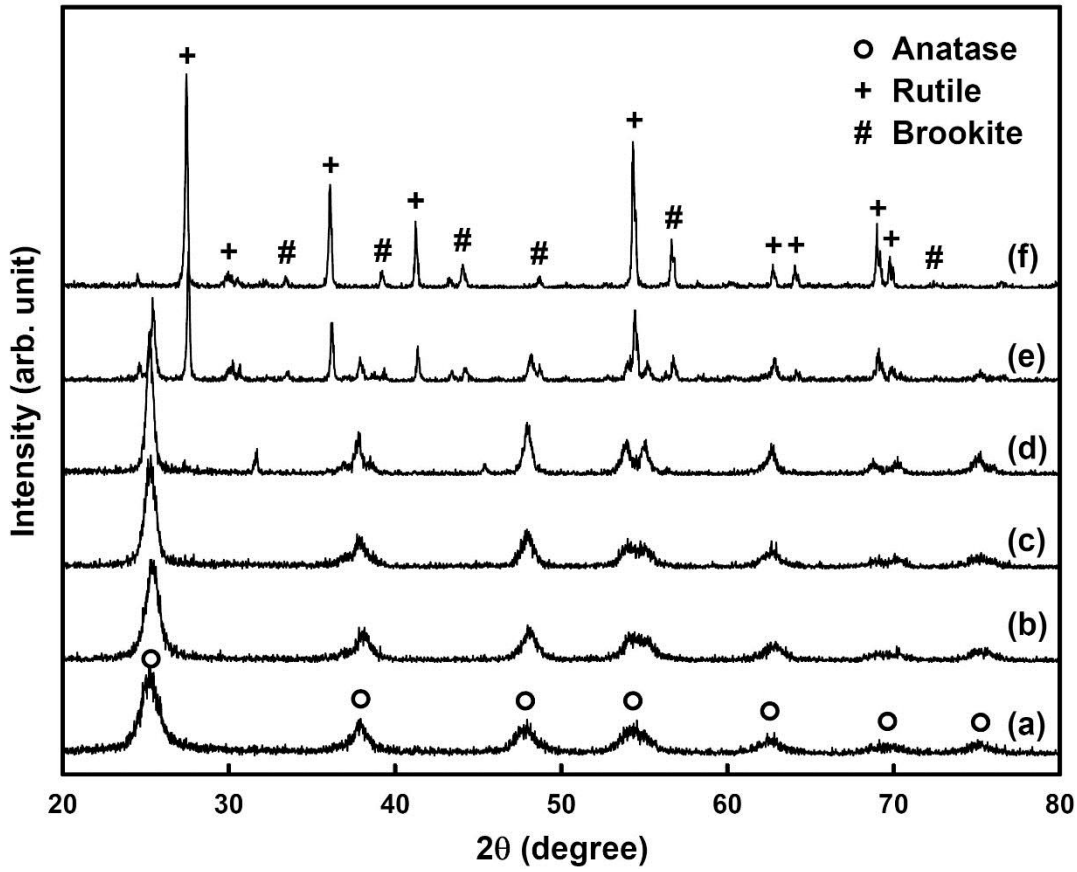

Figure S2. X-ray diffraction patterns of MT-100, before heat-treatment (a) and after heat treatment at 500°C (b), 600°C (c), 700°C (d), 800°C (e), and 900°C (f).

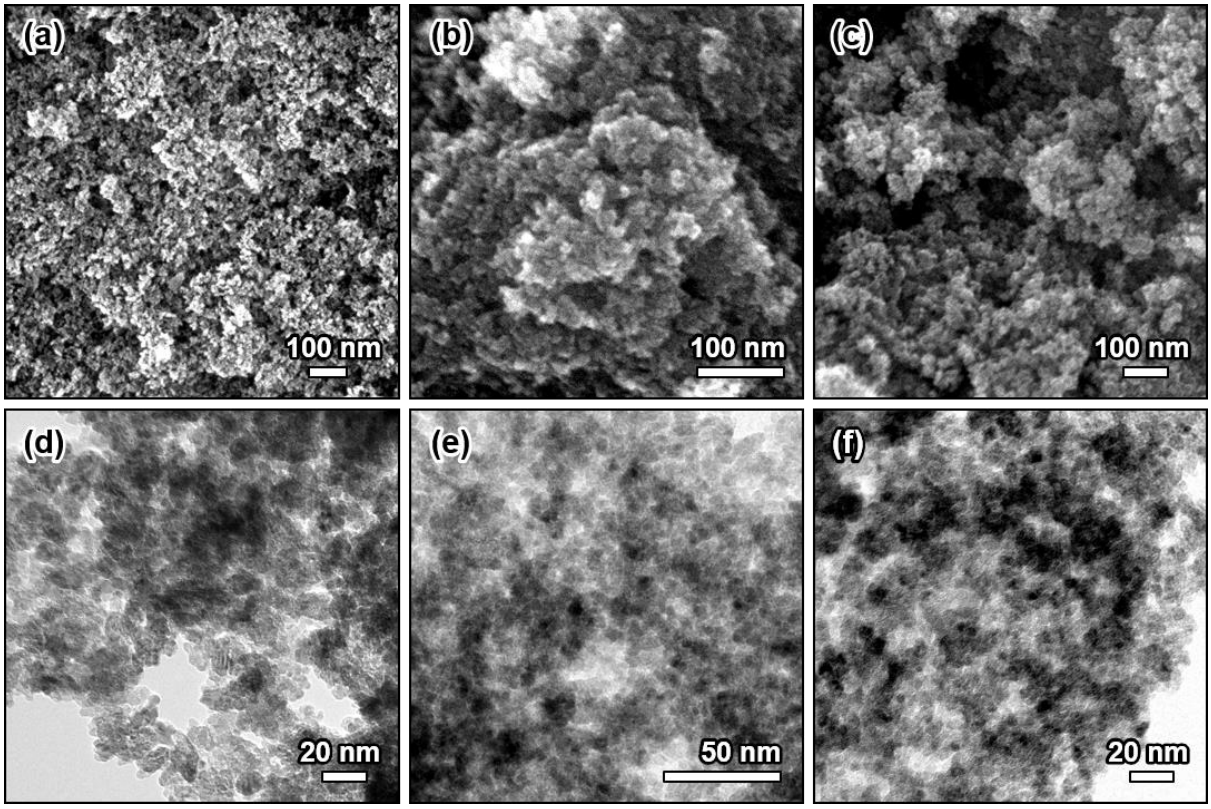

Figure S3. SEM (a-c) and TEM (d-f) images of mesoporous metal oxides composed of various wall materials: The wall materials are SnO_2 (a, d), TiO_2-SnO_2 (b, e), and TiO_2-ZrO_2 (c, f).

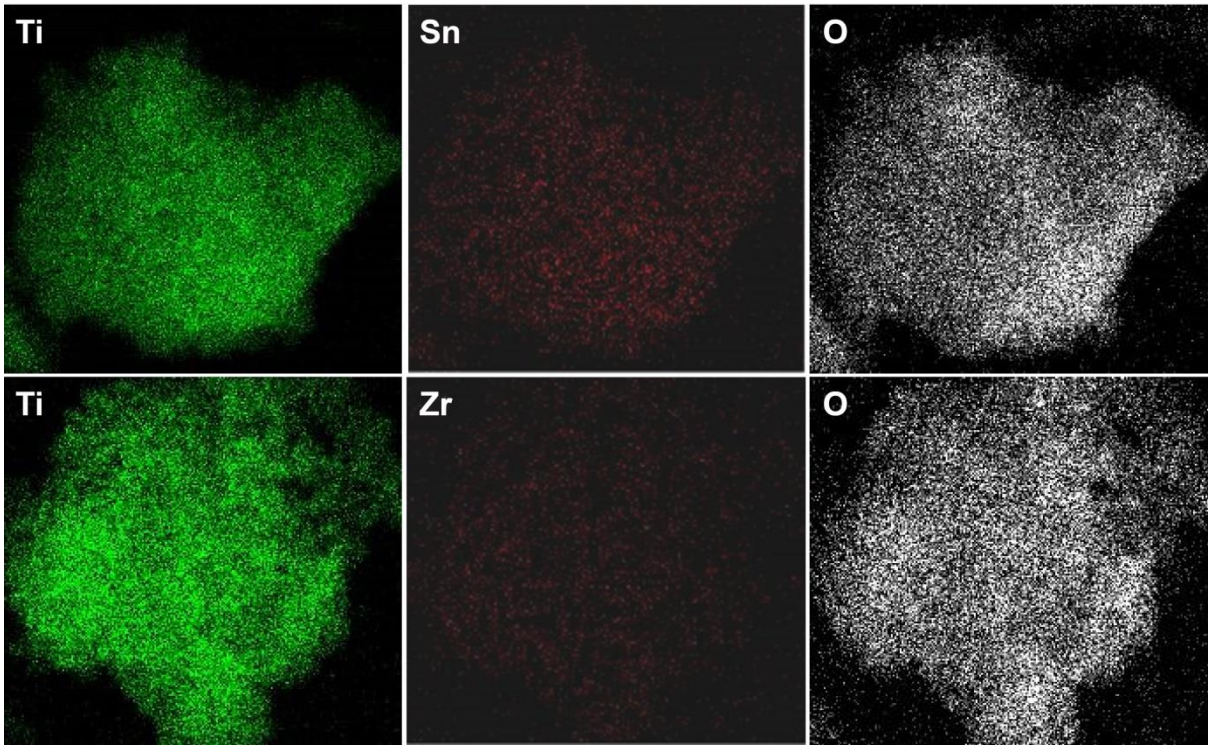

Figure S4. EDS elemental distribution images of mesoporous mixed oxides. Upper three images are on mesoporous TiO_2-SnO_2 and the lower three images are on mesoporous TiO_2-ZrO_2.