Supporting Information

High pressure treated ZnO ceramics towards giant dielectric constant

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![XRD patterns of ZnO ceramics sintered at different temperatures with and without HPT.](image1)

Figure S1. XRD patterns of ZnO ceramics sintered at different temperatures with and without HPT.

![SEM images of ZnO powders after a) high pressure treating and b) grinding.](image2)

Figure S2. SEM images of ZnO powders after a) high pressure treating and b) grinding.
Figure S3. Variation of a) $R_g$ and b) $R_{gb}$ of HPT ZnO ceramics with relative density and grain size.

Figure S4. Variation of a) dielectric constant and b) dielectric loss of HPT ZnO ceramics with relative density and grain size.
Figure S5. Dielectric properties of 1050 °C sintered HPT ZnO ceramics as a function of temperature.