

Electronic Supplementary Information

TiO₂@Ag/P (VDF-HFP) composite with enhanced dielectric permittivity and rather low dielectric loss

Xingrong Xiao, Nuoxin Xu, Yongchang Jiang, Qilong Zhang*, Enjie Yu and Hui Yang

School of Materials Science and Engineering, State Key Lab Silicon Mat, Zhejiang University, Hangzhou 310027, PR China

* Corresponding author. E-mail: mse237@zju.edu.cn

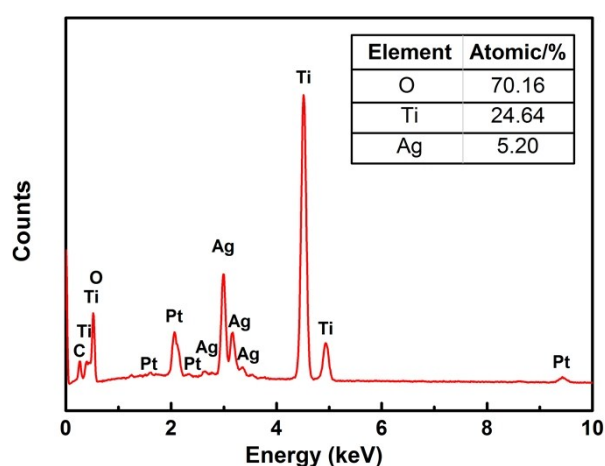


Figure S1 EDS spectrum of the as-prepared TiO₂@Ag nanoparticles.

Table S1 DC leakage current density of TiO₂@Ag/ P(VDF-HFP) hybrid films

sample	P(VDF-HFP)	5vol.%, 55min	30vol.%, 55min	30vol.%, 15min	30vol.%, 5min
J_L (A/cm ²) - 5kV/cm	1.53×10^{-8}	7.27×10^{-9}	2.37×10^{-8}	2.93×10^{-6}	3.38×10^{-6}
J_L (A/cm ²)-10kV/cm	3.44×10^{-8}	1.44×10^{-8}	4.46×10^{-8}	1.13×10^{-5}	5.18×10^{-6}