

Supporting Information

Ultra-fine gold nanoparticles enabled Au-BST NF/PVTC composites for excellent energy storage performance

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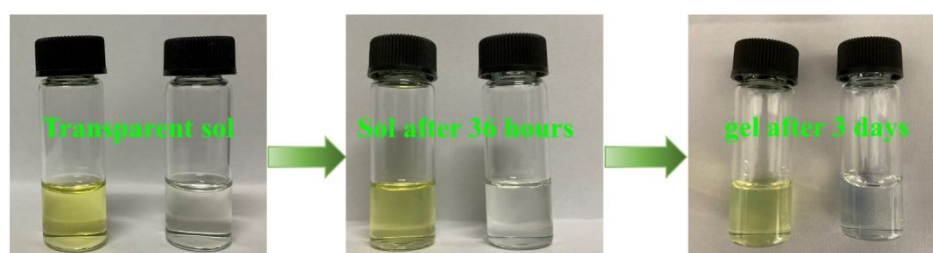


Figure S1. Optical images that showed the transformation of the precursor solution from sol to gel at various standing times.

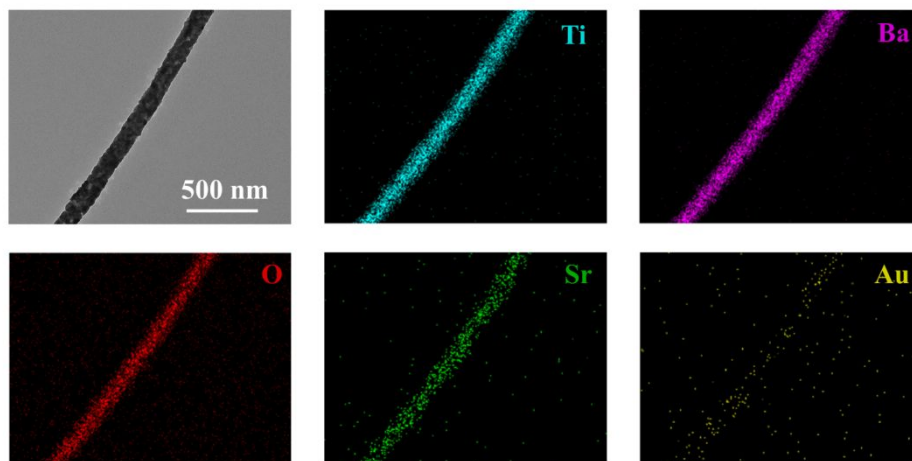


Figure S2. TEM and EDS mapping images of the 2Au-BST nanofiber.

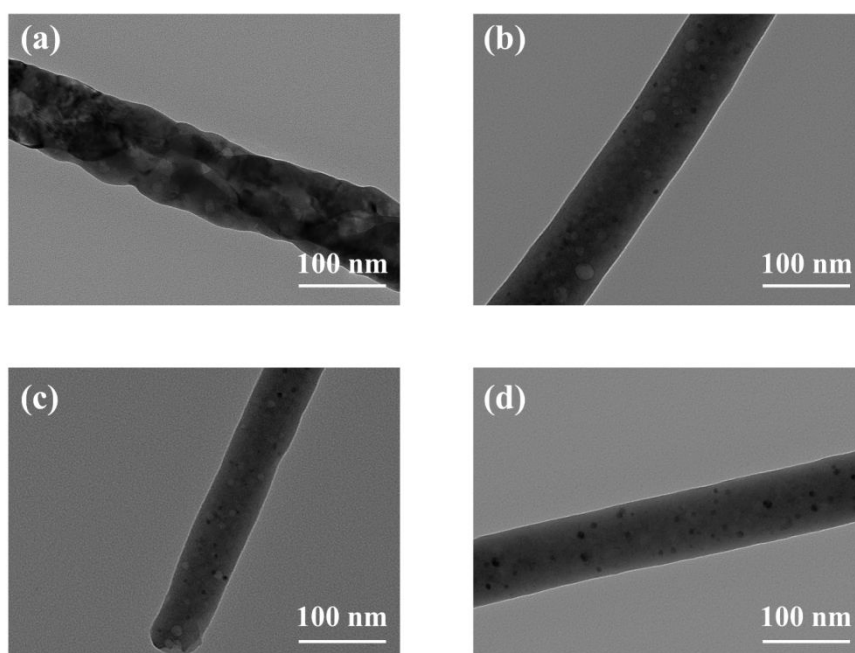


Figure S3. TEM images of (a) BST NF, (b) 1Au-BST NF, (c) 2Au-BST NF, and (d) 3Au-BST NF

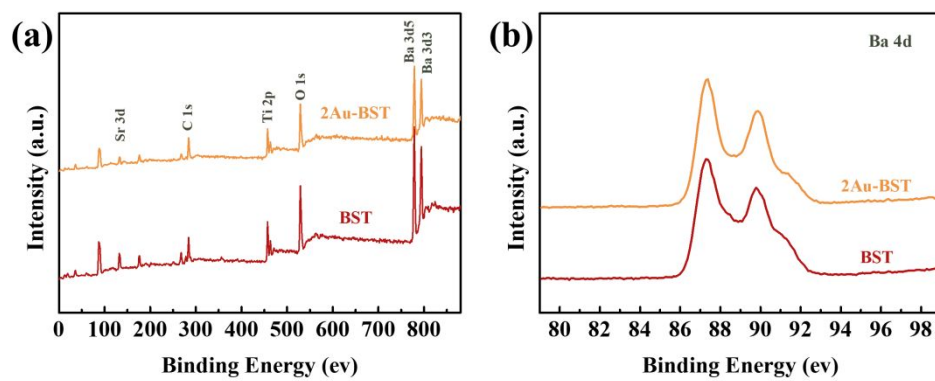


Figure S4. XPS of BST NFs and 2Au-BST NFs: (a) survey and (b) Ba 4d.

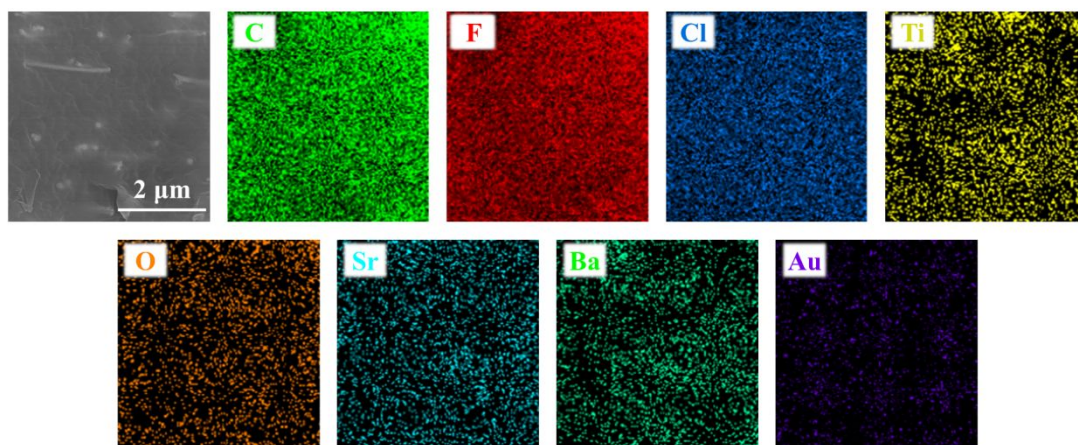


Figure S5. EDS mapping images of 2Au-BST NFs/PVTC composite film.

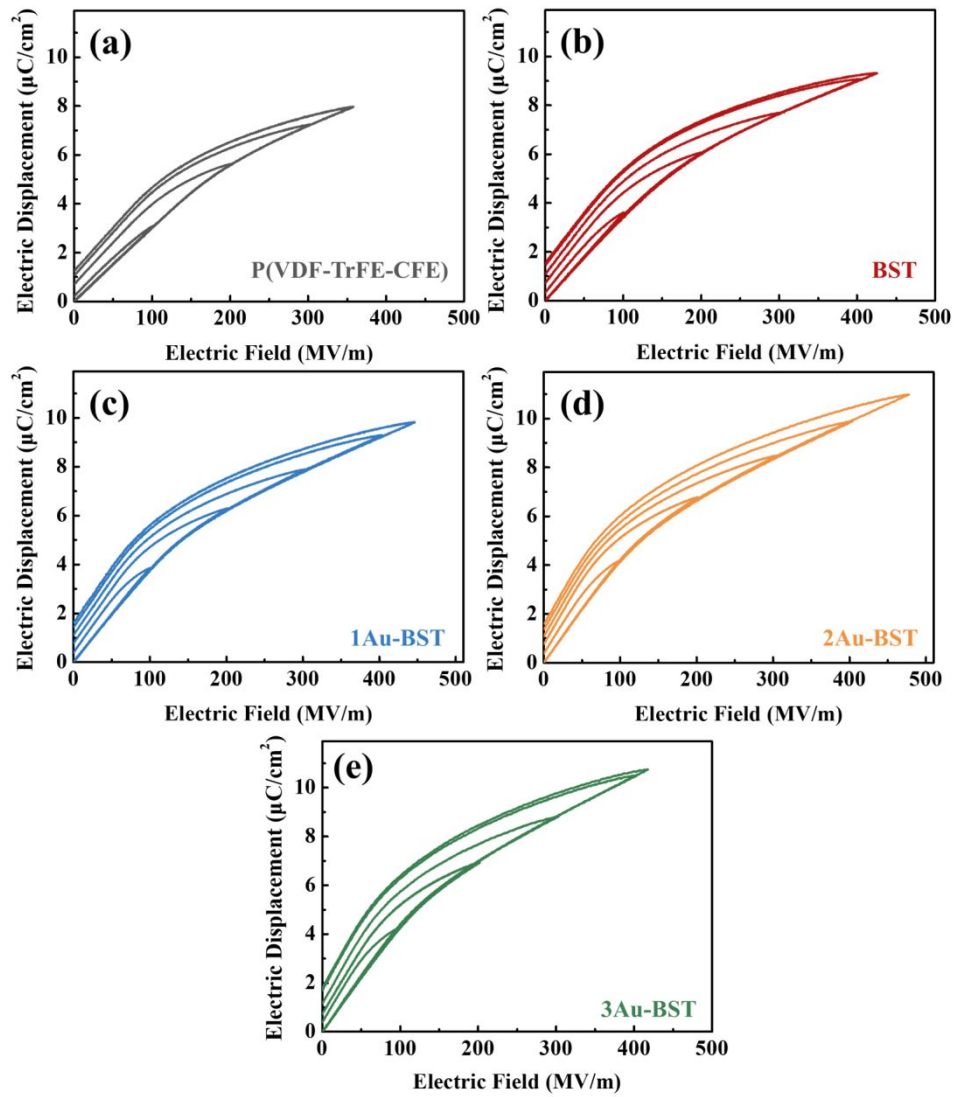


Figure S6. Electric displacement-Electric field (D - E) hysteresis loops for (a) pure PVTC and (b-e) composite films.