

Electronic Supplementary Information

Microcube-Based Hybrid Piezocomposite as Flexible Energy Generators

Yong Zhang,^{a,b} Wanlin Zhu,^c Chang Kyu Jeong,^b Huajun Sun,^a Guang Yang,^b Wen Chen,^{*a} and Qing Wang^{*b}

^a *State Key Laboratory of Advanced Technology for Materials Synthesis and Processing, School of Materials Science and Engineering, Wuhan University of Technology, Wuhan 430070, PR China. Email: chenw@whut.edu.cn*

^b *Department of Materials Science and Engineering, The Pennsylvania State University, University Park, PA 16802, USA. Email: wang@matse.psu.edu*

^c *School of Materials Science and Engineering, Shaanxi University of Science and Technology, Xi'an 710021, PR China*

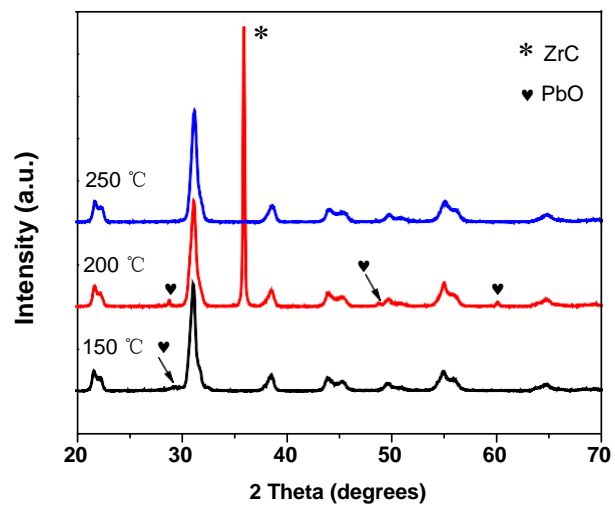


Fig. S1 The X-ray diffraction patterns of obtained products fabricated under various hydrothermal temperatures (150 – 250 °C).

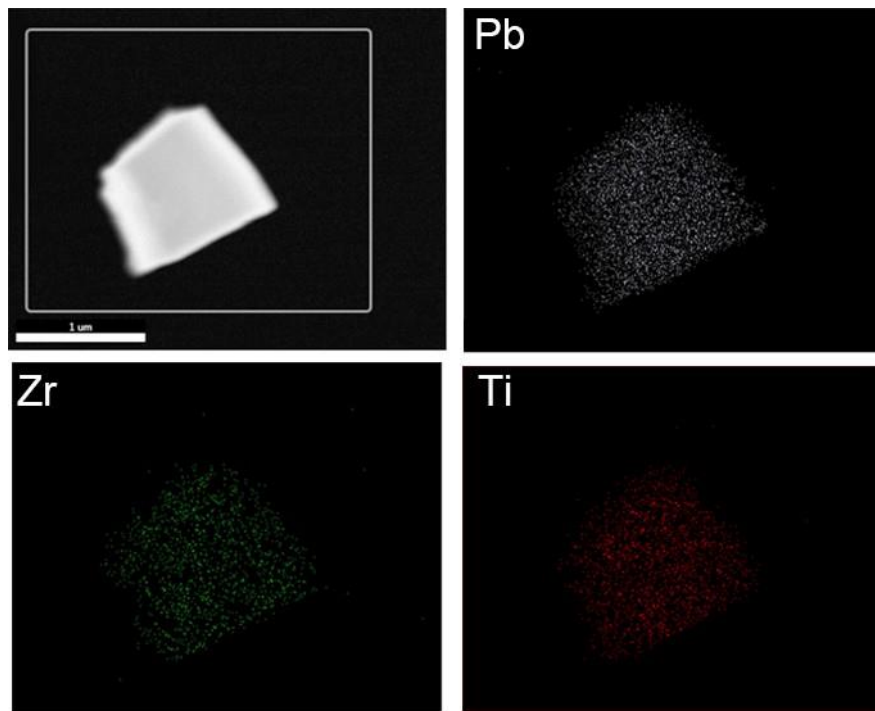


Fig. S2 The transmission electron microscopy (TEM) image and corresponding EDS mapping of synthesized PZT microcube particle.

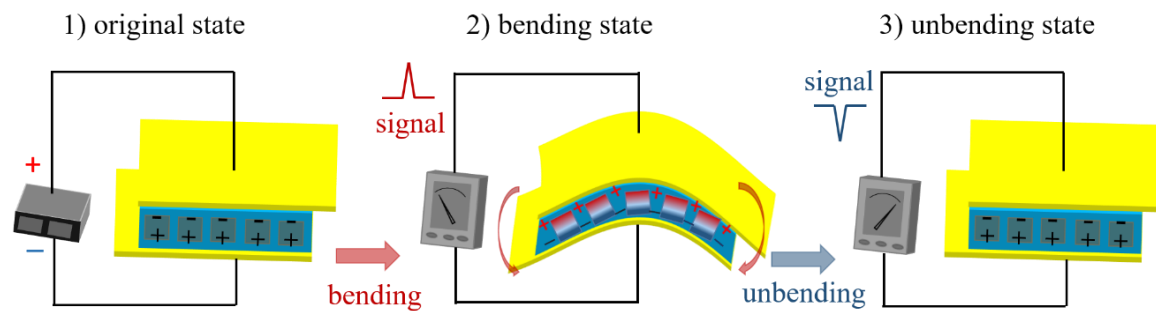


Fig. S3 Potential generation process of PEG under bending and releasing.