

• Supplementary File •

Tuning Ferroelectricity of $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ with alloy electrodes

Keqin Liu¹, Bingjie Dang¹, Zhiyu Yang², Teng Zhang¹, Zhen Yang¹, Jinxuan Bai¹,
Zelun Pan¹, Ru Huang^{1,3} & Yuchao Yang^{1,2,3,4*}

¹Beijing Advanced Innovation Center for Integrated Circuits, School of Integrated Circuits, Peking University, Beijing 100871, China;

²School of Electronic and Computer Engineering, Peking University, Shenzhen 518055, China;

³Center for Brain Inspired Chips, Institute for Artificial Intelligence, Peking University, Beijing 100871, China;

⁴Center for Brain Inspired Intelligence, Chinese Institute for Brain Research (CIBR), Beijing, Beijing 102206, China

Appendix A Supplementary figure

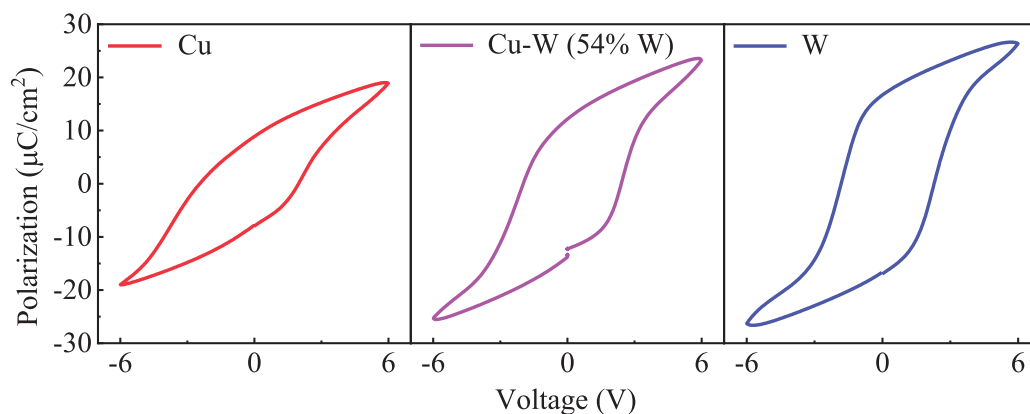


Figure A1 Tuning ferroelectricity of HZO capacitors with Cu-W alloy electrode, demonstrating the generality of the alloy-electrode method.

* Corresponding author (email: yuchaoyang@pku.edu.cn)