

TiN/Hf_xZr_{1-x}O₂/TiN 铁电电容器的原位生长与表征

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In Situ Growth and Characterization of TiN/Hf_xZr_{1-x}O₂/TiN Ferroelectric Capacitors

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S1 Calculation of ZrO₂ content of Hf_xZr_{1-x}O₂ film with ALD pulsing ratio of 1 : 1.

Table S1 Calculation of ZrO₂ content.

Heading 1	Peak Area	RSF	Content
Hf	49840	211.335	49.72%
Zr	52187	223.768	50.28%

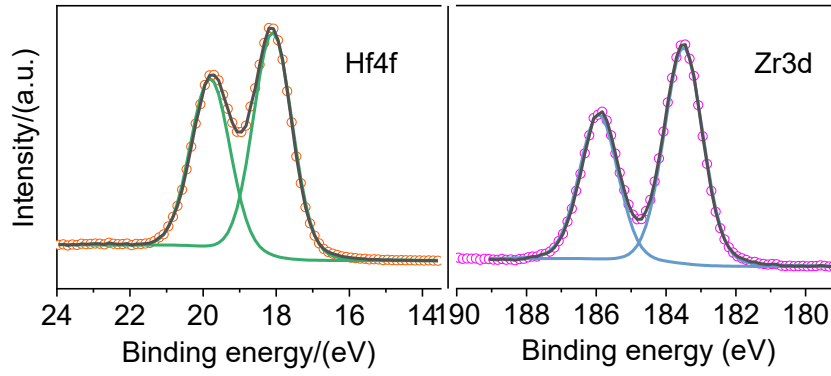


Fig. S1 Hf 4f (left) and Zr 3d (right) XPS spectra of Hf_xZr_{1-x}O₂ film with ALD pulsing ratio of 1 : 1.