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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **High-Quality HfO_2 High- κ Gate Dielectrics Deposited on Highly Oriented Pyrolytic Graphite via Enhanced Precursor Atomic Layer Seeding** *ACS APPLIED ELECTRONIC MATERIALS*
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- **Ferroelastic Domain Switching and Time-Resolved Negative Capacitance in Polar-Axis-Oriented $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ Grown by Atomic Layer Epitaxy** *SMALL*
Jiang, Y., Lin, W., Shiojiri, M., Yin, Y., Su, Y., Nien, C., Hsu, C., Hou, V., Chang, C., Radu, I., Chen, M.
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- **Alternating multi-pulse atomic layer deposition for dopant tailoring in sub-10 nm ferroelectric thin films** *MATERIALS TODAY CHEMISTRY*
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- **Robust energy storage density and negative capacitance in antiferroelectric heterostructures grown by atomic layer epitaxy** *JOURNAL OF MATERIALS CHEMISTRY A*
Jiang, Y., Chao, Y., Shiojiri, M., Yin, Y., Chen, M.
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- **Atomic layer epitaxy of twinned TiN by hydrogen-manipulated tailoring on monolayer** *ACTA MATERIALIA*
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