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Bio

STANFORD ADVISORS

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Publications

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- **Heat Conductor-Insulator Transition in Electrochemically Controlled Hybrid Superlattices.** *Nano letters*
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- **Thermal Characterization of Metal-Oxide Interfaces Using Time-Domain Thermoreflectance with Nanograting Transducers.** *ACS applied materials & interfaces*
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- **Uncovering Thermal and Electrical Properties of Sb₂Te₃/GeTe Superlattice Films.** *Nano letters*
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- **Thermal and Manufacturing Design Considerations for Silicon-Based Embedded Microchannel-Three-Dimensional Manifold Coolers-Part 2: Parametric Study of EMMCs for High Heat Flux (similar to 1kW/cm²) Power Electronics Cooling**
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- **Phase Change Dynamics and Two-Dimensional 4-Bit Memory in Ge₂Sb₂Te₅ via Telecom-Band Encoding** *ACS PHOTONICS*
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- **Tunable Dielectric and Thermal Properties of Oxide Dielectrics via Substrate Biasing in Plasma-Enhanced Atomic Layer Deposition.** *ACS applied materials & interfaces*
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- **PARAMETRIC STUDY OF SILICON -BASED EMBEDDED MICROCHANNELS WITH 3D MANIFOLD COOLERS (EMMC) FOR HIGH HEAT FLUX (-1 kW/cm²) POWER ELECTRONICS COOLING**
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