

Stanford

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Bio

STANFORD ADVISORS

- Yi Cui, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Integrated Three-dimensional Hydrophilicity/hydrophobicity Design for Artificial Sweating Skin (i-TRANS) Mimicking Human Body Perspiration.** *Advanced materials (Deerfield Beach, Fla.)*
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- **Heat Conductor-Insulator Transition in Electrochemically Controlled Hybrid Superlattices.** *Nano letters*
Zhou, J., Wu, Y., Kwon, H., Li, Y., Xiao, X., Ye, Y., Ma, Y., Goodson, K. E., Hwang, H. Y., Cui, Y.
2022
- **Observation of an intermediate state during lithium intercalation of twisted bilayer MoS₂.** *Nature communications*
Wu, Y., Wang, J., Li, Y., Zhou, J., Wang, B. Y., Yang, A., Wang, L., Hwang, H. Y., Cui, Y.
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- **Mobility enhancement in heavily doped semiconductors via electron cloaking.** *Nature communications*
Zhou, J., Zhu, H., Song, Q., Ding, Z., Mao, J., Ren, Z., Chen, G.
2022; 13 (1): 2482
- **Coloured low-emissivity films for building envelopes for year-round energy savings** *NATURE SUSTAINABILITY*
Peng, Y., Fan, L., Jin, W., Ye, Y., Huang, Z., Zhai, S., Luo, X., Ma, Y., Tang, J., Zhou, J., Greenburg, L. C., Majumdar, A., Fan, et al
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- **Integrated cooling (i-Cool) textile of heat conduction and sweat transportation for personal perspiration management.** *Nature communications*
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- **Stretchable Anti-Fogging Tapes for Diverse Transparent Materials** *ADVANCED FUNCTIONAL MATERIALS*
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