Stanford



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Ph.D. Student in Materials Science and Engineering, admitted Summer 2024

Publications

PUBLICATIONS

- **Discovering Underpotentially Deposited Crystalline Sodium Metal Nanoparticles on the Surface of Hard Carbon Anodes.** *Journal of the American Chemical Society*
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- **Discovering Underpotentially Deposited Crystalline Sodium Metal Nanoparticles on the Surface of Hard Carbon Anodes** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
  Liu, Z., Serrao, C., Li, J., Cooney, I., Pintilie, G., Lee, J., Lee, J. K. J., Shuchi, S., Sarkar, P., Li, Y., Xu, X., Yuan, X., Zheng, et al
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- **Atomic-Scale Moiré and Electronic Structure Analysis of Twisted Epitaxial MoS2-Au-MoS2 Heterostructures.** *Nano letters*
  Cui, Y., Xu, K., Ren, P., Yuan, L., Czaja, P., Barnum, A., Sarkar, P., Altman, A., Bustillo, K., Kundu, S., Ramdas, A., Wang, X., Wan, et al
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- **TEM-STEM Studies of Twisted Epitaxial Ag Nanodisks Encapsulated Between Misoriented MoS2 Bilayers** *Microscopy and Microanalysis*
  Czaja, P., Cui, Y., Sarkar, P., Cui, Y., Sinclair, R.
  2025; 31 (Supplement)
- **Synthesis of Au/Si hybrid nanostructures with tuned optical properties via ultra-short laser pulses for in-Situ nanostructures generation (ULPING)** *OPTICAL MATERIALS*
  Jamwal, N., Sarkar, P., Kiani, A.
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