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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **Rigid Supramolecular Aramid Nanotubes as Catalyst Supports.** *Advanced materials (Deerfield Beach, Fla.)*
Cho, Y., Tai, K. Y., Lamour, G., Christoff-Tempesta, T., Sinha, D. B., Choi, Y. J., Meacham, R., Rota, D. T., Wu, S., Zuo, X., Ortony, J. H.
2025: e10143
- **Reversible self-assembly of small molecules for recyclable solid-state battery electrolytes.** *Nature chemistry*
Cho, Y., Fincher, C. D., Lamour, G., Christoff-Tempesta, T., Zuo, X., Chiang, Y. M., Ortony, J. H.
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- **Role of Precursor Miscibility in Area-Selective Atomic Layer Deposition.** *Advanced materials (Deerfield Beach, Fla.)*
Shearer, A., Cho, Y., Werbrouck, A., Rothman, A., Liu, T. L., Bent, S. F.
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- **Crystalline 1D Coordination Polymer Inhibitor Layer Leads to Vertical Sidewalls in Selectively Deposited ZnO on Nanoscale Patterns.** *ACS nano*
Shearer, A., Cho, Y., Kim, M., Werbrouck, A., Liu, T. L., Takacs, C. J., Shong, B., Bent, S. F.
2025
- **Atomic and molecular layer deposition on unconventional substrates: challenges and perspectives from energy applications.** *Nanotechnology*
Cho, Y., D'Acunto, G., Nanda, J., Bent, S. F.
2025
- **Effects of catholyte aging on high-nickel NMC cathodes in sulfide all-solid-state batteries.** *Materials horizons*
Li, Y., Cho, Y., Cai, J., Kim, C., Zheng, X., Wu, W., Musgrove, A. L., Su, Y., Sacci, R. L., Chen, Z., Nanda, J., Yang, G.
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- **Interfacial dynamics mediate surface binding events on supramolecular nanostructures.** *Nature communications*
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- **Geometric Transformations Afforded by Rotational Freedom in Aramid Amphiphile Nanostructures.** *Journal of the American Chemical Society*
Cho, Y., Choi, Y., Kaser, S. J., Meacham, R., Christoff-Tempesta, T., Wu, S., Zuo, X., Ortony, J. H.
2023; 145 (42): 22954-22963