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Bio

STANFORD ADVISORS

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Publications

PUBLICATIONS

- **Phase-Selective Synthesis of Rhombohedral WS₂ Multilayers by Confined-Space Hybrid Metal-Organic Chemical Vapor Deposition.** *Nano letters*
Zhang, Z., Hocking, M., Peng, Z., Pendharkar, M., Courtney, E. D., Hu, J., Kastner, M. A., Goldhaber-Gordon, D., Heinz, T. F., Mannix, A. J.
2024
- **Understanding the Impact of Contact-Induced Strain on the Electrical Performance of Monolayer WS₂ Transistors.** *Nano letters*
Hoang, L., Jaikissoon, M., K orođlu,  ., Zhang, Z., Bennett, R. K., Song, J. H., Yang, J. A., Ko, J. S., Brongersma, M. L., Saraswat, K. C., Pop, E., Mannix, A. J.
2024
- **Chemically Tailored Growth of 2D Semiconductors via Hybrid Metal-Organic Chemical Vapor Deposition.** *ACS nano*
Zhang, Z., Hoang, L., Hocking, M., Peng, Z., Hu, J., Zaborski, G., Reddy, P. D., Dollard, J., Goldhaber-Gordon, D., Heinz, T. F., Pop, E., Mannix, A. J.
2024
- **Biaxial Tensile Strain Enhances Electron Mobility of Monolayer Transition Metal Dichalcogenides.** *ACS nano*
Yang, J. A., Bennett, R. K., Hoang, L., Zhang, Z., Thompson, K. J., Michail, A., Parthenios, J., Papagelis, K., Mannix, A. J., Pop, E.
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