

# Stanford

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## Madison Mooney

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### Bio

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#### STANFORD ADVISORS

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### Publications

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#### PUBLICATIONS

- **Improving Charge Transport and Environmental Stability of Carbohydrate-Bearing Semiconducting Polymers in Organic Field-Effect Transistors** *ADVANCED ELECTRONIC MATERIALS*  
Mooney, M., Pandolfi, L., Wang, Y., Zhu, C., Garg, G., Kraft, U., Gu, X., Rondeau-Gagne, S.  
2024
- **Tunable Solid-State Properties and Anisotropic Charge Mobility in Hydrogen-Bonded Diketopyrrolopyrrole Polymers via Automated Device Fabrication and Characterization** *ADVANCED FUNCTIONAL MATERIALS*  
Nyayachavadi, A., Wang, C., Vriza, A., Wang, Y., Ma, G., Mooney, M., Mason, G. T., Hu, A., Liu, Y., Gu, X., Chan, H., Xu, J., Rondeau-Gagne, et al  
2024; 34 (40)
- **Building a Versatile Platform for the Detection of Protein-Protein Interactions Based on Organic Field-Effect Transistors** *ACS APPLIED ELECTRONIC MATERIALS*  
Yousefi, N., Caba, C., Hu, A., Mooney, M., Zhang, S., Agostinis, A. D., Mirhassani, M., Ahamed, M., Tong, Y., Rondeau-Gagne, S.  
2022