



## Jerika Chiong

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### Publications

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#### PUBLICATIONS

- **Realizing Intrinsically Stretchable Semiconducting Polymer Films by Nontoxic Additives** *ACS MATERIALS LETTERS*  
Cheng, H., Zhang, S., Michalek, L., Ji, X., Luo, S., Cooper, C. B., Gong, H., Nikzad, S., Chiong, J. A., Wu, Y., Zheng, Y., Liu, Q., Zhong, et al  
2022; 4 (11): 2328-2336
- **Formation Mechanism of Flower-like Polyacrylonitrile Particles.** *Journal of the American Chemical Society*  
Gong, H., Ilavsky, J., Kuzmenko, I., Chen, S., Yan, H., Cooper, C. B., Chen, G., Chen, Y., Chiong, J. A., Jiang, Y., Lai, J., Zheng, Y., Stone, et al  
2022
- **Tuning the Mechanical and Electric Properties of Conjugated Polymer Semiconductors: Side-Chain Design Based on Asymmetric Benzodithiophene Building Blocks** *ADVANCED FUNCTIONAL MATERIALS*  
Liu, D., Lei, Y., Ji, X., Wu, Y., Lin, Y., Wang, Y., Zhang, S., Zheng, Y., Chen, Y., Lai, J., Zhong, D., Cheng, H., Chiong, et al  
2022
- **Impact of Molecular Design on Degradation Lifetimes of Degradable Imine-Based Semiconducting Polymers.** *Journal of the American Chemical Society*  
Chiong, J. A., Zheng, Y., Zhang, S., Ma, G., Wu, Y., Ngaruka, G., Lin, Y., Gu, X., Bao, Z.  
2022
- **Metal-hydrogen-pi-bonded organic frameworks** *DALTON TRANSACTIONS*  
Zhu, J., Samperisi, L., Kalaj, M., Chiong, J. A., Bailey, J. B., Zhang, Z., Yu, C., Sikma, R., Zou, X., Cohen, S. M., Huang, Z., Tezcan, F.  
2022; 51 (5): 1927-1935
- **Modular Synthesis of Fully Degradable Imine-Based Semiconducting p-Type and n-Type Polymers** *CHEMISTRY OF MATERIALS*  
Tran, H., Nikzad, S., Chiong, J. A., Schuster, N. J., Pena-Alcantara, A. E., Feig, V. R., Zheng, Y., Bao, Z.  
2021; 33 (18): 7465-7474
- **Integrating Emerging Polymer Chemistries for the Advancement of Recyclable, Biodegradable, and Biocompatible Electronics.** *Advanced science (Weinheim, Baden-Wurtemberg, Germany)*  
Chiong, J. A., Tran, H., Lin, Y., Zheng, Y., Bao, Z.  
2021: e2101233