

Stanford

Yihang Chen

Ph.D. Student in Materials Science and Engineering, admitted Autumn 2020

Publications

PUBLICATIONS

- **Tailoring electrode surface charge to achieve discrimination and quantification of chemically similar small molecules with electrochemical aptamers.** *Advanced functional materials*
Kesler, V., Fu, K., Chen, Y., Park, C. H., Eisenstein, M., Murmann, B., Soh, H. T.
2023; 33 (1)
- **Learning from the brain's architecture: bioinspired strategies towards implantable neural interfaces.** *Current opinion in biotechnology*
Rommelfanger, N. J., Keck, C. H., Chen, Y., Hong, G.
2021; 72: 8-12
- **How is flexible electronics advancing neuroscience research?** *Biomaterials*
Chen, Y., Rommelfanger, N. J., Mahdi, A. I., Wu, X., Keene, S. T., Obaid, A., Salleo, A., Wang, H., Hong, G.
2020; 268: 120559
- **An "All-in-One" Catheter: Surgery of the Future** *MATTER*
Chen, Y., Yin, R., Hong, G.
2020; 3 (6): 1829–31