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- Ph.D. Student in Electrical Engineering, admitted Autumn 2025
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Publications

PUBLICATIONS

- **Minimalistic, disposable wireless electrochemical sensors: Integrating self-powered amperometry with direct inductive coupling.** *Biosensors & bioelectronics*
Rho, J., Yang, A., Sands, J., Wong, H. P., Poon, A. S.
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- **Incorporating Bone-Derived ECM into Macroporous Microribbon Scaffolds Accelerates Bone Regeneration.** *Advanced healthcare materials*
Villicana, C., Su, N., Yang, A., Tong, X., Lee, H. P., Ayushman, M., Lee, J., Tai, M., Kim, T., Yang, F.
2025: e2402138
- **Aspirin synergizes with mineral particle-coated macroporous scaffolds for bone regeneration through immunomodulation.** *Theranostics*
Su, N., Villicana, C., Zhang, C., Lee, J., Sinha, S., Yang, A., Yang, F.
2023; 13 (13): 4512-4525
- **Small molecule C381 targets the lysosome to reduce inflammation and ameliorate disease in models of neurodegeneration** *Proc Natl Acad Sci U S A* .
Vest*, R. T., Chou*, C., Zhang, H., Haney, M. S., Li, L., Laqtom, N. N., Chang, B., Shuken, S., Nguyen, A., Yerra, L., Yang, A. C., Green, C., Tanga, et al
2022; 119 (11): e2121609119