



Jenny Ji

- Ph.D. Student in Bioengineering, admitted Autumn 2023
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Bio

HONORS AND AWARDS

- NSF Graduate Research Fellowship Program, NSF (2023)

Publications

PUBLICATIONS

- **Continuous monitoring of blood-interstitial fluid intercompartmental molecular kinetics in freely moving animals.** *Science advances*
Chen, Y., Hu, Q., Kwak, J. W., Zakharian, D., Ji, J., Liu, D., Gopalan, D., Lyons, C., Yates, M., Yee, S., Cui, H., Eisenstein, M., Soh, et al
2026; 12 (21): eaed1895
- **A 3D-Printed Scaffolded Hydrogel Microneedle Array Biosensor for Real-Time, Continuous Monitoring.** *Advanced materials (Deerfield Beach, Fla.)*
Kwak, J. W., Trinh, T., White, A. D., Chen, Y., Eckman, N., Jain, I., Xu, Y., Nguyen, N., Gopalan, D., Kim, Y. E., Unni Kamat, N., Tumbleston, J. R., Park, et al
2026: e73325
- **The gut microbiome promotes mitochondrial respiration in the brain of a Parkinson's disease mouse model** *NPJ PARKINSONS DISEASE*
Morais, L. H., Stiles, L., Freeman, M., Oguienko, A. D., Hoang, J. D., Ji, J., Jones, J., Quan, B., Devine, J., Bois, J. S., Chou, T., Trinh, J., Picard, et al
2025; 11 (1): 301
- **Regional disparities in US media coverage of archaeology research.** *Science advances*
Alex, B., Ji, J., Flad, R.
2025; 11 (27): eadt5435
- **Quantitative SARS-CoV-2 Viral-Load Curves in Paired Saliva Samples and Nasal Swabs Inform Appropriate Respiratory Sampling Site and Analytical Test Sensitivity Required for Earliest Viral Detection** *JOURNAL OF CLINICAL MICROBIOLOGY*
Savelle, E. S., Winnett, A., Romano, A. E., Porter, M. K., Shelby, N., Akana, R., Ji, J., Cooper, M. M., Schlenker, N. W., Reyes, J. A., Carter, A. M., Barlow, J. T., Tognazzini, et al
2022; 60 (2): e0178521
- **Quantitative SARS-CoV-2 viral-load curves in paired saliva and nasal swabs inform appropriate respiratory sampling site and analytical test sensitivity required for earliest viral detection.** *medRxiv : the preprint server for health sciences*
Savelle, E. S., Winnett, A., Romano, A. E., Porter, M. K., Shelby, N., Akana, R., Ji, J., Cooper, M. M., Schlenker, N. W., Reyes, J. A., Carter, A. M., Barlow, J. T., Tognazzini, et al
2021