

Sarah Zou

Ph.D. Student in Electrical Engineering, admitted Autumn 2022

Publications

PUBLICATIONS

- **Maximum likelihood estimation yields accurate line-of-response assignment for positron + prompt gamma ray events in multiplexed PET (mPET).** *Biomedical physics & engineering express*
Zou, S. J., Chinn, G., Ullah, M. N., Levin, C. S.
2026
- **Triplexed PET: Methods to Image Three Distinct Isotopes in a Single PET Imaging Session**
Zou, S. J., Ullah, M. N., Innes, D., Shah, Y., Chinn, G., Houson, H., Lapi, S., Levin, C.
SOC NUCLEAR MEDICINE INC.2025
- **QUANTITATIVE IMAGING OF ⁵⁵CO AND ¹⁸F-LABELED TRACERS IN A SINGLE "MULTIPLEXED" PET IMAGING SESSION**
Zou, S. J., Lim, I., Foster, J. W., Chinn, G., Houson, H. A., Lapi, S. E., Rao, J., Levin, C. S., IEEE
IEEE.2025
- **PETcoil: first results from a second-generation RF-penetrable TOF-PET brain insert for simultaneous PET/MRI.** *Physics in medicine and biology*
Dong, Q., Ullah, M. N., Innes, D. R., Watkins, R. D., Chang, C., Zou, S. J., Groll, A., Sacco, I., Chinn, G., Levin, C. S.
2024
- **Pecan Shell-Derived Activated Carbon for High-Electrochemical Performance Supercapacitor Electrode.** *Materials (Basel, Switzerland)*
Zou, S. J., Patel, M. D., Smith, L. M., Cha, E., Shi, S. Q., Choi, W.
2024; 17 (13)