Bio

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Radiation Oncology - Radiation Physics

Publications

PUBLICATIONS

- Real Time Volumetric MRI for 3D Motion Tracking via Geometry-Informed Deep Learning. Medical physics
  Liu, L., Shen, L., Johansson, A., Balter, J. M., Cao, Y., Chang, D., Xing, L.
  2022

- Volumetric prediction of breathing and slow drifting motion in the abdomen using radial MRI and multi-temporal resolution modeling. Physics in medicine and biology
  Liu, L., Johansson, A., Cao, Y., Lawrence, T. S., Balter, J. M.
  2021; 66 (17)

- Modeling intra-fractional abdominal configuration changes using breathing motion-corrected radial MRI. PHYSICS IN MEDICINE AND BIOLOGY
  Liu, L., Johansson, A., Cao, Y., Kashani, R., Lawrence, T. S., Balter, J. M.
  2021; 66 (8)