

# Stanford

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## Siqi Ye

Postdoctoral Scholar, Radiation Physics

### Bio

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#### STANFORD ADVISORS

- Lei Xing, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Patient position verification in non-coplanar SRS with dual X-ray projections via 2D-3D registration**  
Ye, S., Xing, L.  
ELSEVIER IRELAND LTD.2024: S4116-S4117
- **Quantifying particle concentration via AI-enhanced optical coherence tomography.** *Nanoscale*  
Ye, S., Xing, L., Myung, D., Chen, F.  
2024
- **Super-resolution biomedical imaging via reference-free statistical implicit neural representation.** *Physics in medicine and biology*  
Ye, S., Shen, L., Islam, M. T., Xing, L.  
2023
- **Unified Supervised-Unsupervised (SUPER) Learning for X-Ray CT Image Reconstruction** *IEEE TRANSACTIONS ON MEDICAL IMAGING*  
Ye, S., Li, Z., McCann, M. T., Long, Y., Ravishankar, S.  
2021; 40 (11): 2986-3001
- **SPULTRA: Low-Dose CT Image Reconstruction With Joint Statistical and Learned Image Models** *IEEE TRANSACTIONS ON MEDICAL IMAGING*  
Ye, S., Ravishankar, S., Long, Y., Fessler, J. A.  
2020; 39 (3): 729-741