

# Stanford

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## Yan Wu

Instructor, Radiation Oncology - Radiation Physics

### Bio

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#### ACADEMIC APPOINTMENTS

- Instructor, Radiation Oncology - Radiation Physics

#### PROFESSIONAL EDUCATION

- MS, University of Illinois at Urbana Champaign , Electrical and Computer Engineering (2003)
- PhD, University of Wisconsin Madison , Electrical and Computer Engineering (2008)

### Publications

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#### PUBLICATIONS

- **Incorporating prior knowledge via volumetric deep residual network to optimize the reconstruction of sparsely sampled MRI.** *Magnetic resonance imaging*  
Wu, Y., Ma, Y., Capaldi, D. P., Liu, J., Zhao, W., Du, J., Xing, L.  
2019
- **Self-attention convolutional neural network for improved MR image reconstruction** *Information Science*  
Wu, Y., Ma, Y., Liu, J., Du, J., Xing, L.  
2019
- **Automatic marker-free target positioning and tracking for image-guided radiotherapy and interventions**  
Zhao, W., Shen, L., Wu, Y., Han, B., Yang, Y., Xing, L., Fei, B., Linte, C. A.  
SPIE-INT SOC OPTICAL ENGINEERING.2019
- **Learning deconvolutional deep neural network for high resolution medical image reconstruction** *INFORMATION SCIENCES*  
Liu, H., Xu, J., Wu, Y., Guo, Q., Ibragimov, B., Xing, L.  
2018; 468: 142–54