

Stanford

You Li

Postdoctoral Research Fellow, Radiology

Bio

PROFESSIONAL EDUCATION

- Master of Science, Duke University (2011)
- Doctor of Philosophy, Duke University (2017)

Research & Scholarship

LAB AFFILIATIONS

- Jeremy Dahl, Stanford Ultrasound Research Group (4/12/2018)

Publications

PUBLICATIONS

- **High Sensitivity Liver Vasculature Visualization Using a Real-time Coherent Flow Power Doppler (CFPD) Imaging System: A Pilot Clinical Study**
Li, Y., Hyun, D., Durot, I., Willmann, J. K., Dahl, J. J., IEEE
IEEE.2018
- **Angular coherence in ultrasound imaging: Theory and applications** *JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA*
Li, Y. L., Dahl, J. J.
2017; 141 (3): 1582-1594
- **Coherence Beamforming and its Applications to the Difficult-to-Image Patient**
Dahl, J. J., Hyun, D., Li, Y., Jakovljevic, M., Bell, M. L., Long, W. J., Bottenus, N., Kakkad, V., Trahey, G. E., IEEE
IEEE.2017
- **COHERENT COLOR FLOW IMAGING: VELOCITY ESTIMATION USING COHERENT SIGNALS**
Dahl, J. J., Li, Y., IEEE
IEEE.2017: 240-43
- **Visualization of Small-Diameter Vessels by Reduction of Incoherent Reverberation With Coherent Flow Power Doppler.** *IEEE transactions on ultrasonics, ferroelectrics, and frequency control*
Li, Y. L., Hyun, D., Abou-Elkacem, L., Willmann, J. K., Dahl, J. J.
2016; 63 (11): 1878-1889
- **Coherent Flow Power Doppler (CFPD): Flow Detection Using Spatial Coherence Beamforming** *IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL*
Li, Y. L., Dahl, J. J.
2015; 62 (6): 1022-1035
- **Coherence Beamforming Applied to Velocity Estimation and Partially Coherent Signals** *2015 IEEE INTERNATIONAL ULTRASONICS SYMPOSIUM (IUS)*
Dahl, J. J., Li, Y., Hyun, D., Doherty, J. R.
2015
- **Small-diameter Vasculature Detection with Coherent Flow Power Doppler Imaging** *IEEE International Ultrasonics Symposium (IUS)*
You, L., Dahl, J. J.

2015

- **Flow Detection based on the Spatial Coherence of Backscattered Echoes**

Li, Y., Dahl, J. J., IEEE

IEEE.2014: 428–31

- **Quantitative Surface-Enhanced Resonant Raman Scattering Multiplexing of Biocompatible Gold Nanostars for in Vitro and ex Vivo Detection** *ANALYTICAL CHEMISTRY*

Yuan, H., Liu, Y., Fales, A. M., Li, Y., Liu, J., Vo-Dinh, T.

2013; 85 (1): 208–12

- **Multispectral nanoparticle contrast agents for true-color spectroscopic optical coherence tomography** *BIOMEDICAL OPTICS EXPRESS*

Li, Y., Seekell, K., Yuan, H., Robles, F. E., Wax, A.

2012; 3 (8): 1914–23