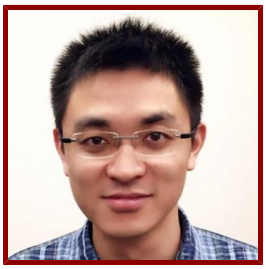
Stanford



You Li

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- K99 Pathway to Independence, Eunice Shriver Kennedy National Institute of Child Health and Human Development (NICHD) (2021)
- New Investigator Award for Basic Science, American Institute of Ultrasound in Medicine (2021)

PATENTS

- Jeremy Dahl, You Li. "United States Patent 10,111,644 Method of coherent flow imaging using synthetic transmit focusing and acoustic reciprocity", Leland Stanford Junior University, Oct 30, 2018

Research & Scholarship

LAB AFFILIATIONS

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

Publications

PUBLICATIONS

- **A Physics-Based Neural Network (PNN) Approach to Solving the Heterogeneous Nonlinear Fullwave Equation**
  Li, Y., Pinton, G., IEEE
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- **Real-Time In Vivo Imaging of Human Liver Vasculature Using Coherent Flow Power Doppler: A Pilot Clinical Study** *IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL*
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- **An Open Source GPU-Based Beamformer for Real-Time Ultrasound Imaging and Applications**
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- **Vector Flow Velocity Estimation from Beamsummed Data Using Deep Neural Networks**
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- **COHERENT COLOR FLOW IMAGING: VELOCITY ESTIMATION USING COHERENT SIGNALS**
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- **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.
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- **Coherent Flow Power Doppler (CFPD): Flow Detection Using Spatial Coherence Beamforming** *IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL*
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