

Stanford



Fanrui Fu

Postdoctoral Research Fellow, Radiological Sciences Laboratory

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Arizona State University , Biomedical Engineering (2019)
- Bachelor of Engineering, Southern Medical University (First Military Medical University) , Biomedical Engineering (2013)

STANFORD ADVISORS

- Kim Pauly, Postdoctoral Faculty Sponsor

LINKS

- Kim Butts Pauly's lab: <http://med.stanford.edu/kbplab.html>
- Radiological Sciences Laboratory (RSL): <http://med.stanford.edu/rsl.html>

Publications

PUBLICATIONS

- **Evaluation of magnetohydrodynamic effects in magnetic resonance electrical impedance tomography at ultra-high magnetic fields** *MAGNETIC RESONANCE IN MEDICINE*
Minhas, A. S., Chauhan, M., Fu, F., Sadleir, R.
2019; 81 (4): 2264–76
- **Functional magnetic resonance electrical impedance tomography (fMREIT) sensitivity analysis using an active bidomain finite-element model of neural tissue** *MAGNETIC RESONANCE IN MEDICINE*
Sadleir, R. J., Fu, F., Chauhan, M.
2019; 81 (1): 602–14
- **The effect of potassium chloride on Aplysia Californica abdominal ganglion activity** *BIOMEDICAL PHYSICS & ENGINEERING EXPRESS*
Fu, F., Chauhan, M., Sadleir, R.
2018; 4 (3)
- **Direct detection of neural activity in vitro using magnetic resonance electrical impedance tomography (MREIT)** *NEUROIMAGE*
Sadleir, R. J., Fu, F., Falgas, C., Holland, S., Boggess, M., Grant, S. C., Woo, E.
2017; 161: 104–19
- **Temperature- and frequency-dependent dielectric properties of biological tissues within the temperature and frequency ranges typically used for magnetic resonance imaging-guided focused ultrasound surgery** *INTERNATIONAL JOURNAL OF HYPERTHERMIA*
Fu, F., Xin, S., Chen, W.
2014; 30 (1): 56–65