

Stanford

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Bio

LINKS

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

Publications

PUBLICATIONS

- **Automated Radiomic Analysis of Vestibular Schwannomas and Inner Ears Using Contrast-Enhanced T1-Weighted and T2-Weighted Magnetic Resonance Imaging Sequences and Artificial Intelligence.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
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- **Improving Transcranial Acoustic Targeting: The Limits of CT Based Velocity Estimates and The Role of MR.** *IEEE transactions on ultrasonics, ferroelectrics, and frequency control*
Webb, T. D., Fu, F., Leung, S. A., Ghanouni, P., Dahl, J., Does, M. D., Pauly, K. B.
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- **Distortion-Free Diffusion Imaging Using Self-Navigated Cartesian Echo-Planar Time Resolved Acquisition and Joint Magnitude and Phase Constrained Reconstruction** *IEEE TRANSACTIONS ON MEDICAL IMAGING*
Dai, E., Lee, P. K., Dong, Z., Fu, F., Setsompop, K., McNab, J. A.
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- **Evaluation of magnetohydrodynamic effects in magnetic resonance electrical impedance tomography at ultra-high magnetic fields** *MAGNETIC RESONANCE IN MEDICINE*
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- **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.
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- **The effect of potassium chloride on Aplysia Californica abdominal ganglion activity** *BIOMEDICAL PHYSICS & ENGINEERING EXPRESS*
Fu, F., Chauhan, M., Sadleir, R.
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- **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.
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- **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