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Publications

PUBLICATIONS

• Applications of PET-MRI in musculoskeletal disease. *Journal of magnetic resonance imaging : JMRI*
  Kogan, F., Broski, S. M., Yoon, D., Gold, G. E.
  2018; 48 (1): 27–47

• Successful treatment of chronic knee pain following localization by a sigma-1 receptor radioligand and PET/MRI: a case report *JOURNAL OF PAIN RESEARCH*
  Cipriano, P., Lee, S., Yoon, D., Shen, B., Tawfik, V., Curtin, C., Dragoo, J. L., James, M., McCurdy, C., Chin, F., Biswal, S.
  2018; 11: 2353–56

• SNR-weighted regularization of ADC estimates from double-echo in steady-state (DESS). *Magnetic resonance in medicine*
  Sveinsson, B., Gold, G. E., Hargreaves, B. A., Yoon, D.
  2018

• F-FTC-146 in humans. *Journal of nuclear medicine*
  2017

• Metallic Implant Geometry and Susceptibility Estimation Using Multispectral B-0 Field Maps *MAGNETIC RESONANCE IN MEDICINE*
  2017; 77 (6): 2402-2413

• 2D multi-spectral imaging for fast MRI near metal. *Magnetic resonance in medicine*
  Hargreaves, B. A., Taviani, V., Litwiller, D. V., Yoon, D.
  2017

• FJFTC-146. *Molecular imaging and biology*
  2017

• Feasibility of 7T MRI for Imaging Fascicular Structures of Peripheral Nerves. *Muscle & nerve*
  Yoon, D., Biswal, S., Rutt, B., Lutz, A., Hargreaves, B.
  2017

• 18F-FDG PET/MRI in Chronic Sciatica: Early Results Revealing Spinal and Non-spinal Abnormalities. *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Cipriano, P., Yoon, D., Gandhi, H., Holley, D., Thakur, D., Ih, M., Hargreaves, B., Kennedy, D., Smuck, M., Cheng, I., Biswal, S.
  2017

• Prolongation of ERP latency and reaction time (RT) in simultaneous EEG/fMRI data acquisition *JOURNAL OF NEUROSCIENCE METHODS*
  Chun, J., Peltier, S. J., Yoon, D., Manschreck, T. C., Deldin, P. J.
- **MR thermometry near metallic devices using multispectral imaging.** *Magnetic resonance in medicine*
  2016

- **Small-tip fast recovery imaging using non-slice-selective tailored tip-up pulses and radiofrequency-spoiling** *MAGNETIC RESONANCE IN MEDICINE*
  Nielsen, J., Yoon, D., Noll, D. C.
  2013; 69 (3): 657-666

- **Fast joint design method for parallel excitation radiofrequency pulse and gradient waveforms considering off-resonance** *MAGNETIC RESONANCE IN MEDICINE*
  Yoon, D., Fessler, J. A., Gilbert, A. C., Noll, D. C.
  2012; 68 (1): 278-285

- **Spectral-Spatial Pulse Design for Through-Plane Phase Precompensatory Slice Selection in T-2(\text{star})-Weighted Functional MRI** *MAGNETIC RESONANCE IN MEDICINE*
  2009; 61 (5): 1137-1147