Medical Physics - 2013 Student publications, abstracts, and presentations

Student Supported Research (underlined)

Peer-reviewed Publications: 6

1. **Dant JT**, Richardson R, **Nie LH**. Monte Carlo Simulation of Age-dependent Radiation Dose from Alpha- and Beta-emitting Radionuclides to Critical Trabecular Bone and Bone Marrow Targets, Physics in Medicine and Biology, 58(2013)3301-3319


Published Abstracts and Presentations: 33


2. **Specht A**, Weisskopf MG, **Nie LH**. Portable XRF technology to quantify lead and strontium in bone in vivo – calibration and validation. Toxicologist 132(1):1510. Project presented at 2013 SOT meeting, Mar.10-14, San Antonio, TX

4. **Specht A**, Weisskopf M, **Nie LH**. Calibration and improvement of a portable XRF technology to quantify lead in bone in vivo. Abstract accepted for the SOT 2014 annual meeting, Phoenix, Arizona, Mar. 23-27, 2014


33. Tann M, **Streit KN**, Lea W, Johnson MS, **Hutchins GD**, Fletcher JW. “Pet/Ct Dosimetric Mapping of Y-90 Theraspheres Biodistribution Following