



MRM Invited

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Recent RF Coils and Its Safety Issues in MRM

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1. Introduction of the snake antenna array: Geometry optimization of a sinusoidal dipole antenna for 10.5T body imaging with lower peak SAR. (Magnetic Resonance in Medicine, 2020)
2. Improving radiofrequency power and specific absorption rate management with bumped transmit elements in ultra-high field MRI. (Magnetic Resonance in Medicine, 2020)
3. Parallel transmission medical implant safety testbed: Real-time mitigation of RF induced tip heating using time-domain E field sensors. (Magnetic Resonance in Medicine, 2020)
4. High-Resolution Implantable Micro-coil Antennas for Blood Vessel Imaging in High-Field MRIs. IEEE Transactions on Antennas and Propagation, 2020)

위의 최신 논문을 리뷰하고 최근 동향을 알아본다.

Keywords: RF coils, RF safety, MRM, IEEE