

Yongxian Qian

List of Publications by Year in descending order

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656
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866
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Quantitative Sodium (²³ Na) MRI in Pediatric Gliomas: Initial Experience. <i>Diagnostics</i> , 2022, 12, 1223. | 2.6 | 2 |
| 2 | Visualizing pre-osteoarthritis: Integrating MRI UTE-T ₂ * with mechanics and biology to combat osteoarthritis – The 2019 Elizabeth Winston Lanier Kappa Delta Award. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1585-1595. | 2.3 | 10 |
| 3 | [¹⁸ F]ML-10 PET: Initial Experience in Glioblastoma Multiforme Therapy Response Assessment. <i>Tomography</i> , 2016, 2, 317-324. | 1.8 | 7 |
| 4 | Short-T ₂ imaging for quantifying concentration of sodium (²³ Na) of bi-exponential T ₂ relaxation. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 162-174. | 3.0 | 16 |
| 5 | Quantitative Magnetic Resonance Imaging UTE-T ₂ * Mapping of Cartilage and Meniscus Healing After Anatomic Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2014, 42, 1847-1856. | 4.2 | 131 |
| 6 | Challenges and Approaches to Quantitative Therapy Response Assessment in Glioblastoma Multiforme Using the Novel Apoptosis Positron Emission Tomography Tracer F-18 ML-10. <i>Translational Oncology</i> , 2014, 7, 111-119. | 3.7 | 18 |
| 7 | Superparamagnetic Iron Oxide is Suitable to Label Tendon Stem Cells and Track Them In Vivo with MR Imaging. <i>Annals of Biomedical Engineering</i> , 2013, 41, 2109-2119. | 2.5 | 26 |
| 8 | Repeatability of ultrashort echo time-based two-component T ₂ * measurements on cartilages in human knee at 3 T. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1564-1571. | 3.0 | 14 |
| 9 | High-resolution sodium imaging of human brain at 7 T. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 227-233. | 3.0 | 42 |
| 10 | Sodium imaging of human brain at 7 T with 15-channel array coil. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1807-1814. | 3.0 | 36 |
| 11 | Sodium MRI and the Assessment of Irreversible Tissue Damage During Hyper-Acute Stroke. <i>Translational Stroke Research</i> , 2012, 3, 236-245. | 4.2 | 34 |
| 12 | High-resolution ultrashort echo time (UTE) imaging on human knee with AWSOS sequence at 3.0 T. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 204-210. | 3.4 | 27 |
| 13 | High-resolution spiral imaging on a whole-body 7T scanner with minimized image blurring. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 543-552. | 3.0 | 23 |
| 14 | Multicomponent T ₂ * mapping of knee cartilage: Technical feasibility ex vivo. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1426-1431. | 3.0 | 77 |
| 15 | Parallel imaging with 3D TPI trajectory: SNR and acceleration benefits. <i>Magnetic Resonance Imaging</i> , 2009, 27, 656-663. | 1.8 | 15 |
| 16 | Acquisition-weighted stack of spirals for fast high-resolution three-dimensional ultrashort echo time MR imaging. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 135-145. | 3.0 | 104 |
| 17 | Decomposed direct matrix inversion for fast non-cartesian SENSE reconstructions. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 356-363. | 3.0 | 9 |
| 18 | Self-calibrated spiral SENSE. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 688-692. | 3.0 | 32 |

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|----|---|-----|-----------|
| 19 | Direct reconstruction of MR images from data acquired on a non-Cartesian grid using an equal-phase-line algorithm. Magnetic Resonance in Medicine, 2002, 47, 1228-1233. | 3.0 | 6 |
| 20 | Reconstruction of MR images from data acquired on an arbitraryk-space trajectory using the same-image weight. Magnetic Resonance in Medicine, 2002, 48, 306-311. | 3.0 | 9 |
| 21 | A novel method for beat-to-beat detection of ventricular late potentials. IEEE Transactions on Biomedical Engineering, 2001, 48, 931-935. | 4.2 | 18 |