# Cheng Li

List of Publications by Year
in descending order



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|---|---|---|---|
| 27 papers | 1,133 citations | 394421 19 h-index | 526287 27 g-index |
| 27 all docs | 27 docs citations | 27 times ranked | 1416 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Selective in vivo bone imaging with longâ€T<sub>2</sub> suppressed PETRA MRI. Magnetic Resonance in Medicine, 2017, 77, 989-997. | 3.0 | 20 |
| 2 | Towards quantification of myelin by solid-state MRI of the lipid matrix protons. NeuroImage, 2017, 163, 358-367. | 4.2 | 40 |
| 3 | Feasibility of assessing bone matrix and mineral properties in vivo by combined solid-state 1H and 31P MRI. PLoS ONE, 2017, 12, e0173995. | 2.5 | 36 |
| 4 | Pulse sequence programming in a dynamic visual environment: SequenceTree. Magnetic Resonance in Medicine, 2016, 75, 257-265. | 3.0 | 50 |
| 5 | A Surrogate Measure of Cortical Bone Matrix Density by Long T2-Suppressed MRI. Journal of Bone and Mineral Research, 2015, 30, 2229-2238. | 2.8 | 17 |
| 6 | Comparison of MRI methods for measuring wholeâ€brain venous oxygen saturation. Magnetic Resonance in Medicine, 2015, 73, 2122-2128. | 3.0 | 26 |
| 7 | Method for Rapid MRI Quantification of Global Cerebral Metabolic Rate of Oxygen. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1616-1622. | 4.3 | 15 |
| 8 | Volumetric Cortical Bone Porosity Assessment with MR Imaging: Validation and Clinical Feasibility. Radiology, 2015, 276, 526-535. | 7.3 | 99 |
| 9 | Bone mineral <sup>31</sup>P and matrixâ€bound water densities measured by solidâ€state <sup>31</sup>P and <sup>1</sup>H MRI. NMR in Biomedicine, 2014, 27, 739-748. | 2.8 | 38 |
| 10 | Cortical Bone Water Concentration: Dependence of MR Imaging Measures on Age and Pore Volume Fraction. Radiology, 2014, 272, 796-806. | 7.3 | 72 |
| 11 | Correction of Excitation Profile in Zero Echo Time (ZTE) Imaging Using Quadratic Phase-Modulated RF Pulse Excitation and Iterative Reconstruction. IEEE Transactions on Medical Imaging, 2014, 33, 961-969. | 8.9 | 31 |
| 12 | Time-Resolved MRI Oximetry for Quantifying CMRO2 and Vascular Reactivity. Academic Radiology, 2014, 21, 207-214. | 2.5 | 24 |
| 13 | Quantitative CMR markers of impaired vascular reactivity associated with age and peripheral artery disease. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 17. | 3.3 | 16 |
| 14 | Combined measurement of perfusion, venous oxygen saturation, and skeletal muscle T2* during reactive hyperemia in the leg. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 70. | 3.3 | 51 |
| 15 | <sup>31</sup>P NMR relaxation of cortical bone mineral at multiple magnetic field strengths and levels of demineralization. NMR in Biomedicine, 2013, 26, 1158-1166. | 2.8 | 18 |
| 16 | Direct magnetic resonance detection of myelin and prospects for quantitative imaging of myelin density. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9605-9610. | 7.1 | 149 |
| 17 | Accuracy of the cylinder approximation for susceptometric measurement of intravascular oxygen saturation. Magnetic Resonance in Medicine, 2012, 67, 808-813. | 3.0 | 37 |
| 18 | Quantification of arterial cerebral blood volume using multiphaseâ€balanced SSFPâ€based ASL. Magnetic Resonance in Medicine, 2012, 68, 130-139. | 3.0 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Comparison of optimized softâ€tissue suppression schemes for ultrashort echo time MRI. Magnetic Resonance in Medicine, 2012, 68, 680-689. | 3.0 | 43 |
| 20 | Non-triggered quantification of central and peripheral pulse-wave velocity. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 81. | 3.3 | 11 |
| 21 | Nontriggered MRI quantification of aortic pulseâ€wave velocity. Magnetic Resonance in Medicine, 2011, 65, 750-755. | 3.0 | 23 |
| 22 | Quantifying cortical bone water in vivo by threeâ€dimensional ultraâ€short echoâ€time MRI. NMR in Biomedicine, 2011, 24, 855-864. | 2.8 | 74 |
| 23 | In vivo venous blood T<sub>1</sub> measurement using inversion recovery trueâ€FISP in children and adults. Magnetic Resonance in Medicine, 2010, 64, 1140-1147. | 3.0 | 69 |
| 24 | Model-based PRFS thermometry using fat as the internal reference and the extended Prony algorithm for model fitting. Magnetic Resonance Imaging, 2010, 28, 418-426. | 1.8 | 7 |
| 25 | An internal reference modelâ€“based PRF temperature mapping method with Cramerâ€Rao lower bound noise performance analysis. Magnetic Resonance in Medicine, 2009, 62, 1251-1260. | 3.0 | 10 |
| 26 | Olfactory Dysfunction in Multiple Sclerosis: Relation to Plaque Load in Inferior Frontal and Temporal Lobesa. Annals of the New York Academy of Sciences, 1998, 855, 781-786. | 3.8 | 88 |
| 27 | Soft tissue osteochondroma. Skeletal Radiology, 1989, 18, 435-437. | 2.0 | 45 |