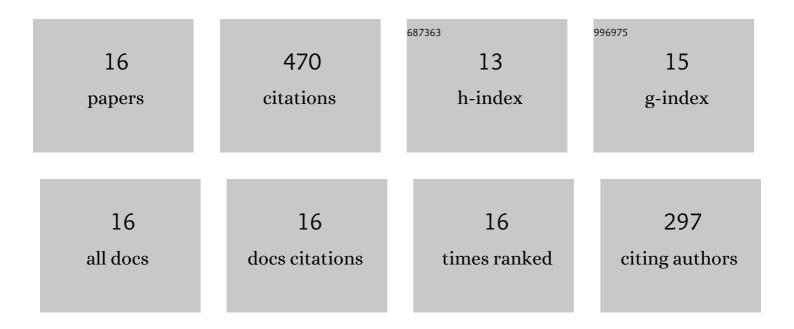


## List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Accurate T <sub>1</sub> mapping of short T <sub>2</sub> tissues using a threeâ€dimensional ultrashort<br>echo time cones actual flip angle imagingâ€variable repetition time (3D UTEâ€Cones AFIâ€VTR) method.<br>Magnetic Resonance in Medicine, 2018, 80, 598-608.         | 3.0 | 69        |
| 2  | 3D adiabatic T <sub>1ï</sub> prepared ultrashort echo time cones sequence for whole knee imaging.<br>Magnetic Resonance in Medicine, 2018, 80, 1429-1439.   | 3.0 | 55        |
| 3  | Short T <sub>2</sub> imaging using a 3D double adiabatic inversion recovery prepared ultrashort<br>echo time cones (3D DIRâ€UTE ones) sequence. Magnetic Resonance in Medicine, 2018, 79, 2555-2563.  | 3.0 | 55        |
| 4  | Threeâ€dimensional ultrashort echo time imaging with tricomponent analysis for human cortical bone.<br>Magnetic Resonance in Medicine, 2019, 82, 348-355.   | 3.0 | 42        |
| 5  | RadBERT: Adapting Transformer-based Language Models to Radiology. Radiology: Artificial Intelligence, 2022, 4, .  | 5.8 | 35        |
| 6  | Significant correlations between human cortical bone mineral density and quantitative susceptibility<br>mapping (QSM) obtained with 3D Cones ultrashort echo time magnetic resonance imaging (UTE-MRI).<br>Magnetic Resonance Imaging, 2019, 62, 104-110.                   | 1.8 | 34        |
| 7  | Fast volumetric imaging of bound and pore water in cortical bone using threeâ€dimensional<br>ultrashortâ€TE (UTE) and inversion recovery UTE sequences. NMR in Biomedicine, 2016, 29, 1373-1380.  | 2.8 | 33        |
| 8  | Correlations of cortical bone microstructural and mechanical properties with water proton<br>fractions obtained from ultrashort echo time (UTE) MRI tricomponent T2* model. NMR in Biomedicine,<br>2020, 33, e4233.   | 2.8 | 33        |
| 9  | Simultaneous quantitative susceptibility mapping (QSM) and for high iron concentration quantification with 3D ultrashort echo time sequences: An echo dependence study. Magnetic Resonance in Medicine, 2018, 79, 2315-2322.  | 3.0 | 26        |
| 10 | True phase quantitative susceptibility mapping using continuous singleâ€point imaging: a feasibility<br>study. Magnetic Resonance in Medicine, 2019, 81, 1907-1914.   | 3.0 | 24        |
| 11 | Ultrashort echo time quantitative susceptibility mapping (UTEâ€QSM) for detection of hemosiderin<br>deposition in hemophilic arthropathy: A feasibility study. Magnetic Resonance in Medicine, 2020, 84,<br>3246-3255.  | 3.0 | 20        |
| 12 | Three-dimensional adiabatic inversion recovery prepared ultrashort echo time cones (3D IR-UTE-Cones)<br>imaging of cortical bone in the hip. Magnetic Resonance Imaging, 2017, 44, 60-64.   | 1.8 | 19        |
| 13 | Ultrashort Echo Time Quantitative Susceptibility Mapping (UTE-QSM) of Highly Concentrated Magnetic<br>Nanoparticles: A Comparison Study about Different Sampling Strategies. Molecules, 2019, 24, 1143.   | 3.8 | 19        |
| 14 | New options for increasing the sensitivity, specificity and scope of synergistic contrast magnetic resonance imaging (scMRI) using Multiplied, Added, Subtracted and/or FiTted (MASTIR) pulse sequences. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2030-2065. | 2.0 | 5         |
| 15 | A Simulation Study on the Fat Caused Chemical Shift Effects on the Magnetic Susceptibility<br>Measurement of IONPs With Ultra-Short TEs. IEEE Transactions on Magnetics, 2018, 54, 1-4.   | 2.1 | 1         |
| 16 | Simulation Study of Magnetic Response of Magnetic Nanoparticles for Temperature Measurement<br>under Different Selection Magnetic Field. , 2018, , .  |     | 0         |