

# Jakob Assl nder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8276496/publications.pdf>

Version: 2024-02-01

19  
papers

712  
citations

687363

13  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

791  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Generalized Bloch model: A theory for pulsed magnetization transfer. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2003-2017.  | 3.0 | 8         |
| 2  | Cram r-Rao bound-informed training of neural networks for quantitative MRI. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 436-448.   | 3.0 | 7         |
| 3  | A Perspective on MR Fingerprinting. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 676-685.  | 3.4 | 25        |
| 4  | Hybrid-state free precession in nuclear magnetic resonance. <i>Communications Physics</i> , 2019, 2, .   | 5.3 | 22        |
| 5  | Optimized quantification of spin relaxation times in the hybrid state. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1385-1397.  | 3.0 | 21        |
| 6  | Rapid Radial $T_1$ and $T_2$ Mapping of the Hip Articular Cartilage With Magnetic Resonance Fingerprinting. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 810-815.        | 3.4 | 46        |
| 7  | Phase unwinding for dictionary compression with multiple channel transmission in magnetic resonance fingerprinting. <i>Magnetic Resonance Imaging</i> , 2018, 49, 32-38.             | 1.8 | 4         |
| 8  | Application of spin echoes in the regime of weak dephasing to $T_1$ -mapping of the lung. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 960-967.                                 | 3.0 | 1         |
| 9  | Low rank alternating direction method of multipliers reconstruction for MR fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 83-96.                                  | 3.0 | 148       |
| 10 | Exploring the sensitivity of magnetic resonance fingerprinting to motion. <i>Magnetic Resonance Imaging</i> , 2018, 54, 241-248.   | 1.8 | 39        |
| 11 | Multicompartment magnetic resonance fingerprinting. <i>Inverse Problems</i> , 2018, 34, 094005.  | 2.0 | 30        |
| 12 | Pseudo Steady-State Free Precession for MR Fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1151-1161.  | 3.0 | 71        |
| 13 | Spin echoes in the regime of weak dephasing. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 150-160.  | 3.0 | 12        |
| 14 | A g-factor metric for GRAPPA and PEAK-based parallel imaging. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 125-135.   | 3.0 | 5         |
| 15 | Negative BOLD in default-mode structures measured with EEG-MREG is larger in temporal than extra-temporal epileptic spikes. <i>Frontiers in Neuroscience</i> , 2014, 8, 335.         | 2.8 | 16        |
| 16 | Quantification and correction of respiration induced dynamic field map changes in fMRI using 3D single shot techniques. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1093-1102. | 3.0 | 38        |
| 17 | Fast fMRI provides high statistical power in the analysis of epileptic networks. <i>NeuroImage</i> , 2014, 88, 282-294.  | 4.2 | 48        |
| 18 | Single shot whole brain imaging using spherical stack of spirals trajectories. <i>NeuroImage</i> , 2013, 73, 59-70.  | 4.2 | 90        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Single shot concentric shells trajectories for ultra fast fMRI. Magnetic Resonance in Medicine, 2012, 68, 484-494. | 3.0 | 81        |