

Jakob Assl nder

List of Publications by Year in descending order

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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	Low rank alternating direction method of multipliers reconstruction for MR fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 83-96.	3.0	148
2	Single shot whole brain imaging using spherical stack of spirals trajectories. <i>NeuroImage</i> , 2013, 73, 59-70.	4.2	90
3	Single shot concentric shells trajectories for ultra fast fMRI. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 484-494.	3.0	81
4	Pseudo Steady-state Free Precession for MR Fingerprinting. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1151-1161.	3.0	71
5	Fast fMRI provides high statistical power in the analysis of epileptic networks. <i>NeuroImage</i> , 2014, 88, 282-294.	4.2	48
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	Exploring the sensitivity of magnetic resonance fingerprinting to motion. <i>Magnetic Resonance Imaging</i> , 2018, 54, 241-248.	1.8	39
8	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
9	Multicompartment magnetic resonance fingerprinting. <i>Inverse Problems</i> , 2018, 34, 094005.	2.0	30
10	A Perspective on MR Fingerprinting. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 676-685.	3.4	25
11	Hybrid-state free precession in nuclear magnetic resonance. <i>Communications Physics</i> , 2019, 2, .	5.3	22
12	Optimized quantification of spin relaxation times in the hybrid state. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1385-1397.	3.0	21
13	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
14	Spin echoes in the regime of weak dephasing. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 150-160.	3.0	12
15	Generalized Bloch model: A theory for pulsed magnetization transfer. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2003-2017.	3.0	8
16	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
17	A g-factor metric for k _t -GRAPPA and PEAK _t -based parallel imaging. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 125-135.	3.0	5
18	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

#	ARTICLE	IF	CITATIONS
19	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