Helge J ZÃ¶llner

List of Publications by Year
in descending order

22	660	932766 10	713013 21
papers	citations	h-index	g-index

31	31	31	593
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vivo spectral editing of phosphorylethanolamine. Magnetic Resonance in Medicine, 2022, 87, 50-56.	1.9	4
2	Influence of editing pulse flip angle on Jâ€difference MR spectroscopy. Magnetic Resonance in Medicine, 2022, 87, 589-596.	1.9	4
3	Comparison of linear combination modeling strategies for edited magnetic resonance spectroscopy at 3ÂT. NMR in Biomedicine, 2022, 35, e4618.	1.6	26
4	Edited magnetic resonance spectroscopy in the neonatal brain. Neuroradiology, 2022, 64, 217-232.	1.1	2
5	The macromolecular MR spectrum does not change with healthy aging. Magnetic Resonance in Medicine, 2022, 87, 1711-1719.	1.9	18
6	Comparison of seven modelling algorithms for Î³â€aminobutyric acidâ€“edited proton magnetic resonance spectroscopy. NMR in Biomedicine, 2022, 35, e4702.	1.6	20
7	Importance of Linear Combination Modeling for Quantification of Glutathione and Î³-Aminobutyric Acid Levels Using Hadamard-Edited Magnetic Resonance Spectroscopy. Frontiers in Psychiatry, 2022, 13, 872403.	1.3	7
8	<scp>MRSCloud</scp>: A cloudâ€based<scp>MRS</scp>tool for basis set simulation. Magnetic Resonance in Medicine, 2022, 88, 1994-2004.	1.9	19
9	Frequency and phase correction of Jâ€difference edited MR spectra using deep learning. Magnetic Resonance in Medicine, 2021, 85, 1755-1765.	1.9	23
10	In silico GABA+ MEGAâ€PRESS: Effects of signalâ€toâ€noise ratio and linewidth on modeling the 3 ppm GABA+ resonance. NMR in Biomedicine, 2021, 34, e4410.	1.6	3
11	Spectral diffusion analysis of kidney intravoxel incoherent motion MRI in healthy volunteers and patients with renal pathologies. Magnetic Resonance in Medicine, 2021, 85, 3085-3095.	1.9	14
12	Comparison of different linearâ€combination modeling algorithms for shortâ€TE proton spectra. NMR in Biomedicine, 2021, 34, e4482.	1.6	53
13	Frequency drift in MR spectroscopy at 3T. NeuroImage, 2021, 241, 118430.	2.1	28
14	High Î³â€Aminobutyric Acid Content Within the Medial Prefrontal Cortex Is a Functional Signature of Somatic Symptoms Disorder in Patients With Parkinson's Disease. Movement Disorders, 2020, 35, 2184-2192.	2.2	15
15	Osprey: Open-source processing, reconstruction & estimation of magnetic resonance spectroscopy data. Journal of Neuroscience Methods, 2020, 343, 108827.	1.3	108
16	Comparison of Multivendor Single-Voxel MR Spectroscopy Data Acquired in Healthy Brain at 26 Sites. Radiology, 2020, 295, 171-180.	3.6	31
17	Biallelic mutation of human SLC6A6 encoding the taurine transporter TAUT is linked to early retinal degeneration. FASEB Journal, 2019, 33, 11507-11527.	0.2	36
18	Chemical exchange saturation transfer imaging in hepatic encephalopathy. NeuroImage: Clinical, 2019, 22, 101743.	1.4	5

#	Article	IF	Citations
19	Big GABA II: Water-referenced edited MR spectroscopy at 25 research sites. NeuroImage, 2019, 191, 537-548.	2.1	76
20	Ammoniaâ€weighted imaging by chemical exchange saturation transfer MRI at 3ÂT. NMR in Biomedicine, 2018, 31, e3947.	1.6	6
21	Jâ€differenceâ€edited MRS measures of Î³â€aminobutyric acid before and after acute caffeine administration. Magnetic Resonance in Medicine, 2018, 80, 2356-2365.	1.9	7
22	Big GABA: Edited MR spectroscopy at 24 research sites. NeuroImage, 2017, 159, 32-45.	2.1	143