

Sofie Tapper

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

391
citations

932766

10
h-index

1058022

14
g-index

18
all docs

18
docs citations

18
times ranked

369
citing authors

#	ARTICLE	IF	CITATIONS
1	Osprey: Open-source processing, reconstruction & estimation of magnetic resonance spectroscopy data. <i>Journal of Neuroscience Methods</i> , 2020, 343, 108827.	1.3	108
2	Comparison of different linear combination modeling algorithms for short-TE proton spectra. <i>NMR in Biomedicine</i> , 2021, 34, e4482.	1.6	53
3	Correcting frequency and phase offsets in MRS data using robust spectral registration. <i>NMR in Biomedicine</i> , 2020, 33, e4368.	1.6	43
4	Frequency drift in MR spectroscopy at 3T. <i>NeuroImage</i> , 2021, 241, 118430.	2.1	28
5	Comparison of linear combination modeling strategies for edited magnetic resonance spectroscopy at 3T. <i>NMR in Biomedicine</i> , 2022, 35, e4618.	1.6	26
6	Frequency and phase correction of J-difference edited MR spectra using deep learning. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1755-1765.	1.9	23
7	Evidence for cognitive resource imbalance in adolescents with narcolepsy. <i>Brain Imaging and Behavior</i> , 2018, 12, 411-424.	1.1	22
8	The macromolecular MR spectrum does not change with healthy aging. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1711-1719.	1.9	18
9	Reduced excitatory neurotransmitter levels in anterior insulae are associated with abdominal pain in irritable bowel syndrome. <i>Pain</i> , 2019, 160, 2004-2012.	2.0	17
10	A pilot study of essential tremor: cerebellar GABA+/Glx ratio is correlated with tremor severity. <i>Cerebellum and Ataxias</i> , 2020, 7, 8.	1.9	14
11	Elucidating the putative link between prefrontal neurotransmission, functional connectivity, and affective symptoms in irritable bowel syndrome. <i>Scientific Reports</i> , 2019, 9, 13590.	1.6	13
12	Retrospective artifact elimination in MEGA-PRESS using a correlation approach. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2223-2237.	1.9	9
13	Influence of editing pulse flip angle on J-difference MR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 589-596.	1.9	4
14	How does motion affect GABA-measurements? Order statistic filtering compared to conventional analysis of MEGA-PRESS MRS. <i>PLoS ONE</i> , 2017, 12, e0177795.	1.1	3