

Nicholas Todd

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9578454/publications.pdf>

Version: 2024-02-01

14
papers

607
citations

1039880

9
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

1055
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of 2D multiband EPI imaging for high-resolution, whole-brain, task-based fMRI studies at 3T: Sensitivity and slice leakage artifacts. <i>NeuroImage</i> , 2016, 124, 32-42.	2.1	170
2	An evaluation of prospective motion correction (PMC) for high resolution quantitative MRI. <i>Frontiers in Neuroscience</i> , 2015, 9, 97.	1.4	84
3	Accurate modeling of temporal correlations in rapidly sampled fMRI time series. <i>Human Brain Mapping</i> , 2018, 39, 3884-3897.	1.9	84
4	Prospective motion correction of 3D echo-planar imaging data for functional MRI using optical tracking. <i>NeuroImage</i> , 2015, 113, 1-12.	2.1	68
5	Functional Sensitivity of 2D Simultaneous Multi-Slice Echo-Planar Imaging: Effects of Acceleration on g-factor and Physiological Noise. <i>Frontiers in Neuroscience</i> , 2017, 11, 158.	1.4	45
6	Secondary effects on brain physiology caused by focused ultrasound-mediated disruption of the blood-brain barrier. <i>Journal of Controlled Release</i> , 2020, 324, 450-459.	4.8	45
7	Focused ultrasound induced opening of the blood-brain barrier disrupts inter-hemispheric resting state functional connectivity in the rat brain. <i>NeuroImage</i> , 2018, 178, 414-422.	2.1	31
8	Modulation of brain function by targeted delivery of GABA through the disrupted blood-brain barrier. <i>NeuroImage</i> , 2019, 189, 267-275.	2.1	31
9	The neurovascular response is attenuated by focused ultrasound-mediated disruption of the blood-brain barrier. <i>NeuroImage</i> , 2019, 201, 116010.	2.1	20
10	Optimizing Data for Modeling Neuronal Responses. <i>Frontiers in Neuroscience</i> , 2018, 12, 986.	1.4	11
11	Targeted manipulation of pain neural networks: The potential of focused ultrasound for treatment of chronic pain. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 115, 238-250.	2.9	10
12	Targeting neurological abnormalities in lysosomal storage diseases. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 495-509.	4.0	5
13	Prior image based temporally constrained reconstruction algorithm for magnetic resonance guided high intensity focused ultrasound. <i>Medical Physics</i> , 2015, 42, 6804-6814.	1.6	2
14	Letter: Time Factor and Disc Herniation Size: Are They Really Predictive for Outcome of Urinary Dysfunction in Patients With Cauda Equina Syndrome?. <i>Neurosurgery</i> , 2019, 86, E94-E95.	0.6	1