

Tobias C Wood

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

420
citations

933447

10
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution quantitative MRI of multiple sclerosis spinal cord lesions. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2914-2921.	3.0	4
2	Detection of covert lesions in focal epilepsy using computational analysis of multimodal magnetic resonance imaging data. <i>Epilepsia</i> , 2021, 62, 807-816.	5.1	9
3	Magnetization transfer and frequency distribution effects in the SSFP ellipse. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 857-865.	3.0	6
4	The innate immune toll-like-receptor-2 modulates the depressogenic and anorexiolytic neuroinflammatory response in obstructive sleep apnoea. <i>Scientific Reports</i> , 2020, 10, 11475.	3.3	7
5	Silent myelin-weighted magnetic resonance imaging. <i>Wellcome Open Research</i> , 2020, 5, 74.	1.8	9
6	Silent myelin-weighted magnetic resonance imaging. <i>Wellcome Open Research</i> , 2020, 5, 74.	1.8	7
7	Inherent and unpredictable bias in multi-component DESPOT myelin water fraction estimation. <i>NeuroImage</i> , 2019, 195, 78-88.	4.2	45
8	Mapping the impact of exposure to maternal immune activation on juvenile Wistar rat brain macro- and microstructure during early post-natal development. <i>Brain and Neuroscience Advances</i> , 2019, 3, 239821281988308.	3.4	3
9	White matter changes in treatment refractory schizophrenia: Does cognitive control and myelination matter?. <i>NeuroImage: Clinical</i> , 2018, 18, 186-191.	2.7	24
10	An investigation of regional cerebral blood flow and tissue structure changes after acute administration of antipsychotics in healthy male volunteers. <i>Human Brain Mapping</i> , 2018, 39, 319-331.	3.6	27
11	Alterations in brain microstructure in rats that develop abnormal aggression following peripubertal stress. <i>European Journal of Neuroscience</i> , 2018, 48, 1818-1832.	2.6	18
12	QUIT: QUantitative Imaging Tools. <i>Journal of Open Source Software</i> , 2018, 3, 656.	4.6	44
13	Genome-Wide Transcriptional Profiling and Structural Magnetic Resonance Imaging in the Maternal Immune Activation Model of Neurodevelopmental Disorders. <i>Cerebral Cortex</i> , 2017, 27, 3397-3413.	2.9	50
14	Delayed intramuscular human neurotrophin-3 improves recovery in adult and elderly rats after stroke. <i>Brain</i> , 2016, 139, 259-275.	7.6	50
15	Whole-brain ex-vivo quantitative MRI of the cuprizone mouse model. <i>PeerJ</i> , 2016, 4, e2632.	2.0	53
16	Polarized multispectral imaging in a rigid endoscope based on elastic light scattering spectroscopy. <i>Biomedical Optics Express</i> , 2012, 3, 2087.	2.9	26
17	Polarization response measurement and simulation of rigid endoscopes. <i>Biomedical Optics Express</i> , 2010, 1, 463.	2.9	27
18	Optimal Feature Selection Applied to Multispectral Fluorescence Imaging. <i>Lecture Notes in Computer Science</i> , 2008, 11, 222-229.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Non-Invasive measurement of the cerebral metabolic rate of oxygen using MRI in rodents. Wellcome Open Research, 0, 6, 109.	1.8	0
20	Non-Invasive measurement of the cerebral metabolic rate of oxygen using MRI in rodents. Wellcome Open Research, 0, 6, 109.	1.8	2
21	Non-Invasive measurement of the cerebral metabolic rate of oxygen using MRI in rodents. Wellcome Open Research, 0, 6, 109.	1.8	0