M Dylan Tisdall

List of Publications by Year
in descending order

35 papers	2,625 citations	430874 18 h-index	395702 33 g-index
42 all docs	42 docs citations	42 times ranked	4082 citing authors

#	Article	IF	Citations
1	Comparison of prospective and retrospective motion correction in 3D‐encoded neuroanatomical MRI. Magnetic Resonance in Medicine, 2022, 87, 629-645.	3.0	11
2	Ex vivo MRI and histopathology detect novel iron-rich cortical inflammation in frontotemporal lobar degeneration with tau versus TDP-43 pathology. NeuroImage: Clinical, 2022, 33, 102913.	2.7	17
3	Developmental coupling of cerebral blood flow and fMRI fluctuations in youth. Cell Reports, 2022, 38, 110576.	6.4	23
4	Automated detection and reacquisition of motion‐degraded images in fetal HASTE imaging at 3 T. Magnetic Resonance in Medicine, 2022, 87, 1914-1922.	3.0	11
5	A Descriptive Review of the Impact of Patient Motion in Early Childhood Resting-State Functional Magnetic Resonance Imaging. Diagnostics, 2022, 12, 1032.	2.6	2
6	Motion correction methods for MRS: experts' consensus recommendations. NMR in Biomedicine, 2021, 34, e4364.	2.8	37
7	Early childhood stress is associated with blunted development of ventral tegmental area functional connectivity. Developmental Cognitive Neuroscience, 2021, 47, 100909.	4.0	24
8	Rapid head‐pose detection for automated slice prescription of fetal‐brain <scp>MRI</scp>. International Journal of Imaging Systems and Technology, 2021, 31, 1136-1154.	4.1	7
9	A perfusion phantom for ASL MRI based on impinging jets. Magnetic Resonance in Medicine, 2021, 86, 1145-1158.	3.0	2
10	Three-dimensional mapping of neurofibrillary tangle burden in the human medial temporal lobe. Brain, 2021, 144, 2784-2797.	7.6	38
11	Ex vivo MRI atlas of the human medial temporal lobe: characterizing neurodegeneration due to tau pathology. Acta Neuropathologica Communications, 2021, 9, 173.	5.2	14
12	Correction of respiratory artifacts in MRI head motion estimates. NeuroImage, 2020, 208, 116400.	4.2	161
13	Building an Ex Vivo Atlas of the Earliest Brain Regions Affected by Alzheimer's Disease Pathology. , 2020, , .		3
14	7 Tesla MRI of the ex vivo human brain at 100 micron resolution. Scientific Data, 2019, 6, 244.	5.3	179
15	Characterizing a perfusion-based periventricular small vessel region of interest. NeuroImage: Clinical, 2019, 23, 101897.	2.7	28
16	Markerless motion tracking and correction for PET, MRI, and simultaneous PET/MRI. PLoS ONE, 2019, 14, e0215524.	2.5	31
17	Markerless high‐frequency prospective motion correction for neuroanatomical MRI. Magnetic Resonance in Medicine, 2019, 82, 126-144.	3.0	47
18	Quantitative assessment of structural image quality. NeuroImage, 2018, 169, 407-418.	4.2	291

#	Article	IF	Citations
19	Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. NeuroImage, 2018, 183, 972-984.	4.2	290
20	Assessing the effects of subject motion on T_2 relaxation under spin tagging (TRUST) cerebral oxygenation measurements using volume navigators. Magnetic Resonance in Medicine, 2017, 78, 2283-2289.	3.0	6
21	Bias and SNR of estimates derived from joint fitting of actual flip-angle and FLASH imaging data with variable flip angles. Proceedings of the International Society for Magnetic Resonance in Medicine ... Scientific Meeting and Exhibition., 2017, 25, 1445.	0.5	1
22	Prospective motion correction for 3D GRASE pCASL with volumetric navigators. Proceedings of the International Society for Magnetic Resonance in Medicine ... Scientific Meeting and Exhibition., 2017, 25, 0680.	0.5	7
23	Accurate High-speed 3D-Registration of EPI vNavs for Head Motion Correction. Proceedings of the International Society for Magnetic Resonance in Medicine ... Scientific Meeting and Exhibition., 2017, 25, 3944.	0.5	1
24	Prospective motion correction and selective reacquisition using volumetric navigators for vessel‐encoded arterial spin labeling dynamic angiography. Magnetic Resonance in Medicine, 2016, 76, 1420-1430.	3.0	13
25	Effects of Resolution and Registration Algorithm on the Accuracy of EPI vNavs for Real Time Head Motion Correction in MRI. , 2016, 2016, 583-591.		3
26	Prospective motion correction with volumetric navigators (vNavs) reduces the bias and variance in brain morphometry induced by subject motion. NeuroImage, 2016, 127, 11-22.	4.2	109
27	MGH–USC Human Connectome Project datasets with ultra-high b-value diffusion MRI. NeuroImage, 2016, 124, 1108-1114.	4.2	209
28	Head motion during MRI acquisition reduces gray matter volume and thickness estimates. NeuroImage, 2015, 107, 107-115.	4.2	399
29	Neurofeedback using functional spectroscopy. International Journal of Imaging Systems and Technology, 2014, 24, 138-148.	4.1	2
30	3D GABA imaging with real-time motion correction, shim update and reacquisition of adiabatic spiral MRSI. NeuroImage, 2014, 103, 290-302.	4.2	100
31	Real-time motion- and B0-correction for LASER-localized spiral-accelerated 3D-MRSI of the brain at 3T. NeuroImage, 2014, 88, 22-31.	4.2	64
32	Volumetric navigators for prospective motion correction and selective reacquisition in neuroanatomical MRI. Magnetic Resonance in Medicine, 2012, 68, 389-399.	3.0	338
33	Real‐time motion and B_0 correction for localized adiabatic selective refocusing (LASER) MRSI using echo planar imaging volumetric navigators. NMR in Biomedicine, 2012, 25, 347-358.	2.8	32
34	Real‐time motion and B_0 corrected single voxel spectroscopy using volumetric navigators. Magnetic Resonance in Medicine, 2011, 66, 314-323.	3.0	111
35	The bias/variance trade‐off when estimating the MR signal magnitude from the complex average of repeated measurements. Magnetic Resonance in Medicine, 2011, 66, 1456-1467.	3.0	3