

Heath Pardoe

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,276
citations

236925

25
h-index

233421

45
g-index

59
all docs

59
docs citations

59
times ranked

4556
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and magnetic properties of nanoscale iron oxide particles synthesized in the presence of dextran or polyvinyl alcohol. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 225, 41-46.	2.3	280
2	Motion and morphometry in clinical and nonclinical populations. <i>NeuroImage</i> , 2016, 135, 177-185.	4.2	155
3	Hippocampal volume assessment in temporal lobe epilepsy: How good is automated segmentation?. <i>Epilepsia</i> , 2009, 50, 2586-2592.	5.1	144
4	Changes in brain morphology in patients with obstructive sleep apnoea. <i>Thorax</i> , 2010, 65, 908-914.	5.6	141
5	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	7.6	123
6	Selection of the control group for VBM analysis: Influence of covariates, matching and sample size. <i>NeuroImage</i> , 2008, 41, 1324-1335.	4.2	115
7	Multi-site voxel-based morphometry: Methods and a feasibility demonstration with childhood absence epilepsy. <i>NeuroImage</i> , 2008, 42, 611-616.	4.2	111
8	Structural brain changes in medically refractory focal epilepsy resemble premature brain aging. <i>Epilepsy Research</i> , 2017, 133, 28-32.	1.6	92
9	Sodium valproate use is associated with reduced parietal lobe thickness and brain volume. <i>Neurology</i> , 2013, 80, 1895-1900.	1.1	79
10	Changes in regional brain volume three months after stroke. <i>Journal of the Neurological Sciences</i> , 2012, 322, 122-128.	0.6	75
11	A neurodevelopmental basis for BECTS: Evidence from structural MRI. <i>Epilepsy Research</i> , 2013, 105, 133-139.	1.6	70
12	A magnetic resonance imaging based method for measurement of tissue iron concentration in liver arterially embolized with ferrimagnetic particles designed for magnetic hyperthermia treatment of tumors. <i>Magnetic Resonance Imaging</i> , 2003, 21, 483-488.	1.8	64
13	Structural MRI markers of brain aging early after ischemic stroke. <i>Neurology</i> , 2017, 89, 116-124.	1.1	55
14	7T Epilepsy Task Force Consensus Recommendations on the Use of 7T MRI in Clinical Practice. <i>Neurology</i> , 2021, 96, 327-341.	1.1	52
15	Etiology of hippocampal sclerosis: Evidence for a predisposing familial morphologic anomaly. <i>Neurology</i> , 2013, 81, 144-149.	1.1	51
16	Sample size estimates for well-powered cross-sectional cortical thickness studies. <i>Human Brain Mapping</i> , 2013, 34, 3000-3009.	3.6	50
17	Charting Cognitive and Volumetric Trajectories after Stroke: Protocol for the Cognition and Neocortical Volume after Stroke (CANVAS) Study. <i>International Journal of Stroke</i> , 2014, 9, 824-828.	5.9	48
18	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128.	3.6	47

#	ARTICLE	IF	CITATIONS
19	Composite voxel-based analysis of volume and T2 relaxometry in temporal lobe epilepsy. <i>NeuroImage</i> , 2008, 39, 1151-1161.	4.2	44
20	Corpus Callosum Area and Brain Volume in Autism Spectrum Disorder: Quantitative Analysis of Structural MRI from the ABIDE Database. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 3107-3114.	2.7	43
21	Functional neuroimaging abnormalities in idiopathic generalized epilepsy. <i>NeuroImage: Clinical</i> , 2014, 6, 455-462.	2.7	41
22	Thalamic functional connectivity predicts seizure laterality in individual TLE patients: Application of a biomarker development strategy. <i>NeuroImage: Clinical</i> , 2015, 7, 273-280.	2.7	38
23	Arterial embolization hyperthermia: hepatic iron particle distribution and its potential determination by magnetic resonance imaging. <i>Physics in Medicine and Biology</i> , 2002, 47, 1591-1602.	3.0	36
24	Cortical thickness abnormalities associated with dyslexia, independent of remediation status. <i>NeuroImage: Clinical</i> , 2015, 7, 177-186.	2.7	34
25	Cortical thickness estimation in longitudinal stroke studies: A comparison of 3 measurement methods. <i>NeuroImage: Clinical</i> , 2015, 8, 526-535.	2.7	32
26	NAPR: a Cloud-Based Framework for Neuroanatomical Age Prediction. <i>Neuroinformatics</i> , 2018, 16, 43-49.	2.8	26
27	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. <i>NeuroImage: Clinical</i> , 2021, 31, 102765.	2.7	25
28	Voxel-Based Iterative Sensitivity (VBIS) analysis: Methods and a validation of intensity scaling for T2-weighted imaging of hippocampal sclerosis. <i>NeuroImage</i> , 2009, 44, 812-819.	4.2	23
29	Periventricular white matter abnormalities and restricted repetitive behavior in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2016, 10, 36-45.	2.7	21
30	Advanced Imaging Techniques in the Diagnosis of Nonlesional Epilepsy: MRI, MRS, PET, and SPECT. <i>Epilepsy Currents</i> , 2014, 14, 121-124.	0.8	19
31	Pooling Morphometric Estimates: A Statistical Equivalence Approach. <i>Journal of Neuroimaging</i> , 2016, 26, 109-115.	2.0	15
32	Neurodegeneration Over 3 Years Following Ischaemic Stroke: Findings From the Cognition and Neocortical Volume After Stroke Study. <i>Frontiers in Neurology</i> , 2021, 12, 754204.	2.4	15
33	Phenotypic and imaging features of FLNA-negative patients with bilateral periventricular nodular heterotopia and epilepsy. <i>Epilepsy and Behavior</i> , 2015, 51, 321-327.	1.7	12
34	Whole brain neuronal abnormalities in focal quantified with proton MR spectroscopy. <i>Epilepsy Research</i> , 2018, 139, 85-91.	1.6	12
35	Selecting appropriate voxel-based methods for neuroimaging studies. <i>NeuroImage</i> , 2012, 59, 885-886.	4.2	11
36	Quantitative assessment of corpus callosum morphology in periventricular nodular heterotopia. <i>Epilepsy Research</i> , 2015, 109, 40-47.	1.6	10

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37	Hippocampal size anomalies in a community-based cohort with childhood-onset epilepsy. <i>Neurology</i> , 2011, 76, 1415-1421.	1.1	8
38	Regional brain volumes and cognition in childhood epilepsy: Does size really matter?. <i>Epilepsy Research</i> , 2014, 108, 692-700.	1.6	8
39	Standardized Brain MRI Acquisition Protocols Improve Statistical Power in Multicenter Quantitative Morphometry Studies. <i>Journal of Neuroimaging</i> , 2020, 30, 126-133.	2.0	8
40	The corpus callosum and recovery of working memory after epilepsy surgery. <i>Epilepsia</i> , 2015, 56, 527-534.	5.1	6
41	Estimation of in-scanner head pose changes during structural MRI using a convolutional neural network trained on eye tracker video. <i>Magnetic Resonance Imaging</i> , 2021, 81, 101-108.	1.8	6
42	Hippocampal volumetric integrity in mesial temporal lobe epilepsy: A fast novel method for analysis of structural MRI. <i>Epilepsy Research</i> , 2019, 154, 157-162.	1.6	5
43	Localized Motion Artifact Reduction on Brain MRI Using Deep Learning with Effective Data Augmentation Techniques. , 2021, , .		5
44	In-scanner head motion and structural covariance networks. <i>Human Brain Mapping</i> , 2022, 43, 4335-4346.	3.6	5
45	Non-invasive measurement and imaging of tissue iron oxide nanoparticle concentrations in vivo using proton relaxometry. <i>Journal of Physics: Conference Series</i> , 2005, 17, 122-126.	0.4	3
46	Manual Hippocampal Volumetry Is a Better Detector of Hippocampal Sclerosis than Current Automated Hippocampal Volumetric Methods. <i>American Journal of Neuroradiology</i> , 2013, 34, E114-E115.	2.4	3
47	High resolution automated labeling of the hippocampus and amygdala using a 3D convolutional neural network trained on whole brain 700 μ m isotropic 7T MP2RAGE MRI. <i>Human Brain Mapping</i> , 2021, 42, 2089-2098.	3.6	3
48	Experimental and Theoretical Evaluation of the Interaction of Biogenic Magnetite with Magnetic Fields. , 1999, , 401-404.		0