Andrew L Janke

List of Publications by Year
in descending order

54 papers	5,021 citations	236612 25 h-index	182168 51 g-index
67 all docs	67 docs citations	67 times ranked	7974 citing authors

#	Article	IF	Citations
1	A fully segmented 3D anatomical atlas of a lizard brain. Brain Structure and Function, 2021, 226, 1727-1741.	1.2	5
2	Putting the Trust into Trusted Data Repositories: A Federated Solution for the Australian National Imaging Facility. International Journal of Digital Curation, 2019, 14, 102-113.	0.1	2
3	The challenge of bias–free coil combination for quantitative susceptibility mapping at ultra–high field. Magnetic Resonance in Medicine, 2018, 79, 97-107.	1.9	17
4	Whole–volume clustering of time series data from zebrafish brain calcium images via mixture modeling. Statistical Analysis and Data Mining, 2018, 11, 5-16.	1.4	7
5	A 3D MRI–based atlas of a lizard brain. Journal of Comparative Neurology, 2018, 526, 2511-2547.	0.9	22
6	Neuroimaging Phenotypes in Zebrafish. , 2017, , 273-289.		0
7	Evidence for Concerted and Mosaic Brain Evolution in Dragon Lizards. Brain, Behavior and Evolution, 2017, 90, 211-223.	0.9	30
8	Sexual selection predicts brain structure in dragon lizards. Journal of Evolutionary Biology, 2017, 30, 244-256.	0.8	16
9	An ontologically consistent MRI-based atlas of the mouse diencephalon. NeuroImage, 2017, 157, 275-287.	2.1	15
10	MINC 2.0: A Flexible Format for Multi-Modal Images. Frontiers in Neuroinformatics, 2016, 10, 35.	1.3	65
11	Spatial clustering of time series via mixture of autoregressions models and Markov random fields. Statistica Neerlandica, 2016, 70, 414-439.	0.9	10
12	Laplace mixture autoregressive models. Statistics and Probability Letters, 2016, 110, 18-24.	0.4	11
13	<scp>WorkWays</scp>: interacting with scientific workflows. Concurrency Computation Practice and Experience, 2015, 27, 4377-4397.	1.4	8
14	Blood Pressure, Brain Structure, and Cognition: Opposite Associations in Men and Women. American Journal of Hypertension, 2015, 28, 225-231.	1.0	21
15	Robust methods to create ex vivo minimum deformation atlases for brain mapping. Methods, 2015, 73, 18-26.	1.9	54
16	Automatic white matter lesion segmentation using contrast enhanced FLAIR intensity and Markov Random Field. Computerized Medical Imaging and Graphics, 2015, 45, 102-111.	3.5	21
17	Development of <scp>MRI</scp>–based atlases of non–human brains. Journal of Comparative Neurology, 2015, 523, 391-405.	0.9	22
18	The multi-modal Australian ScienceS Imaging and Visualization Environment (MASSIVE) high performance computing infrastructure: applications in neuroscience and neuroinformatics research. Frontiers in Neuroinformatics, 2014, 8, 30.	1.3	68

#	Article	IF	Citations
19	Relating Education, Brain Structure, and Cognition: The Role of Cardiovascular Disease Risk Factors. BioMed Research International, 2014, 2014, 1-13.	0.9	7
20	Automated Segmentation of White Matter Lesions Using Global Neighbourhood Given Contrast Feature-Based Random Forest and Markov Random Field. , 2014, , .		3
21	An MRI atlas of the mouse basal ganglia. Brain Structure and Function, 2014, 219, 1343-1353.	1.2	31
22	False Discovery Rate Control in Magnetic Resonance Imaging Studies via Markov Random Fields. IEEE Transactions on Medical Imaging, 2014, 33, 1735-1748.	5.4	10
23	IC-P-170: COMT AND BDNF GENE INTERACTIONS PREDICT BRAIN STRUCTURE IN AGEING. , 2014, 10, P95-P95.		0
24	Spatial False Discovery Rate Control for Magnetic Resonance Imaging Studies. , 2013, , .		1
25	A segmentation protocol and MRI atlas of the C57BL/6J mouse neocortex. NeuroImage, 2013, 78, 196-203.	2.1	182
26	Interpretation of Medical Imaging Data with a Mobile Application: A Mobile Digital Imaging Processing Environment. Frontiers in Neurology, 2013, 4, 85.	1.1	7
27	Heterozygosity for Nuclear Factor One X Affects Hippocampal-Dependent Behaviour in Mice. PLoS ONE, 2013, 8, e65478.	1.1	19
28	High â€œNormalâ€•Blood Glucose Is Associated with Decreased Brain Volume and Cognitive Performance in the 60s: The PATH through Life Study. PLoS ONE, 2013, 8, e73697.	1.1	45
29	Brain templates and atlases. NeuroImage, 2012, 62, 911-922.	2.1	461
30	Segmentation of the C57BL/6J mouse cerebellum in magnetic resonance images. NeuroImage, 2012, 62, 1408-1414.	2.1	31
31	Aspirin for the prevention of cognitive decline in the elderly: rationale and design of a neuro-vascular imaging study (ENVIS-ion). BMC Neurology, 2012, 12, 3.	0.8	36
32	New prototype neuronavigation system based on preoperative imaging and intraoperative freehand ultrasound: system description and validation. International Journal of Computer Assisted Radiology and Surgery, 2011, 6, 507-522.	1.7	65
33	Improved Precision in the Measurement of Longitudinal Global and Regional Volumetric Changes via a Novel MRI Gradient Distortion Characterization and Correction Technique. Lecture Notes in Computer Science, 2010, , 324-333.	1.0	15
34	Gray and white matter changes in Alzheimer's disease: A diffusion tensor imaging study. Journal of Magnetic Resonance Imaging, 2008, 27, 20-26.	1.9	151
35	Cerebral white matter in early puberty is associated with luteinizing hormone concentrations. Psychoneuroendocrinology, 2008, 33, 909-915.	1.3	94
36	Intensity non-uniformity correction using N3 on 3-T scanners with multichannel phased array coils. NeuroImage, 2008, 39, 1752-1762.	2.1	128

#	ARTICLE	IF	CITATIONS
37	Evidence of altered prefrontal–thalamic circuitry in schizophrenia: An optimized diffusion MRI study. NeuroImage, 2006, 32, 16-22.	2.1	67
38	Symmetric Atlasing and Model Based Segmentation: An Application to the Hippocampus in Older Adults. Lecture Notes in Computer Science, 2006, 9, 58-66.	1.0	350
39	Assessment of dynamic susceptibility contrast cerebral blood flow response to amphetamine challenge: A human pharmacological magnetic resonance imaging study at 1.5 and 4 T. Magnetic Resonance in Medicine, 2006, 55, 9-15.	1.9	19
40	Diffusion indices on magnetic resonance imaging and neuropsychological performance in amnestic mild cognitive impairment. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 1122-1128.	0.9	171
41	The Use of Unwrapped Phase in MR Image Segmentation : A Preliminary Study. Lecture Notes in Computer Science, 2005, , 813-820.	1.0	4
42	Correlation of Quantitative EEG in Acute Ischemic Stroke With 30-Day NIHSS Score. Stroke, 2004, 35, 899-903.	1.0	162
43	Improved Prediction of Final Infarct Volume Using Bolus Delay–Corrected Perfusion-Weighted MRI. Stroke, 2004, 35, 2466-2471.	1.0	35
44	Improving the prediction of final infarct size in acute stroke with bolus delay-corrected perfusion MRI measures. Journal of Magnetic Resonance Imaging, 2004, 20, 941-947.	1.9	10
45	Use of spherical harmonic deconvolution methods to compensate for nonlinear gradient effects on MRI images. Magnetic Resonance in Medicine, 2004, 52, 115-122.	1.9	135
46	Dynamic Mapping of Alzheimer's Disease. Research and Perspectives in Alzheimer's Disease, 2004, , 87-112.	0.1	1
47	Mapping hippocampal and ventricular change in Alzheimer disease. NeuroImage, 2004, 22, 1754-1766.	2.1	554
48	Whole-brain voxel-based statistical analysis of gray matter and white matter in temporal lobe epilepsy. NeuroImage, 2004, 23, 717-723.	2.1	276
49	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. NeuroImage, 2004, 23, S2-S18.	2.1	356
50	Dynamics of Gray Matter Loss in Alzheimer's Disease. Journal of Neuroscience, 2003, 23, 994-1005.	1.7	998
51	Statistical Analysis of Longitudinal MRI Data: Applications for Detection of Disease Activity in MS. Lecture Notes in Computer Science, 2002, , 363-371.	1.0	15
52	Detecting dynamic and genetic effects on brain structure using high-dimensional cortical pattern matching. , 2002, 2002, 473-476.		16
53	MRI based diffusion and perfusion predictive model to estimate stroke evolution. Magnetic Resonance Imaging, 2001, 19, 1043-1053.	1.0	51
54	4D deformation modeling of cortical disease progression in Alzheimer's dementia. Magnetic Resonance in Medicine, 2001, 46, 661-666.	1.9	107