

Andrew L Janke

List of Publications by Year in descending order

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Version: 2024-02-01

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	Dynamics of Gray Matter Loss in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2003, 23, 994-1005.	1.7	998
2	Mapping hippocampal and ventricular change in Alzheimer disease. <i>NeuroImage</i> , 2004, 22, 1754-1766.	2.1	554
3	Brain templates and atlases. <i>NeuroImage</i> , 2012, 62, 911-922.	2.1	461
4	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. <i>NeuroImage</i> , 2004, 23, S2-S18.	2.1	356
5	Symmetric Atlasing and Model Based Segmentation: An Application to the Hippocampus in Older Adults. <i>Lecture Notes in Computer Science</i> , 2006, 9, 58-66.	1.0	350
6	Whole-brain voxel-based statistical analysis of gray matter and white matter in temporal lobe epilepsy. <i>NeuroImage</i> , 2004, 23, 717-723.	2.1	276
7	A segmentation protocol and MRI atlas of the C57BL/6J mouse neocortex. <i>NeuroImage</i> , 2013, 78, 196-203.	2.1	182
8	Diffusion indices on magnetic resonance imaging and neuropsychological performance in amnesic mild cognitive impairment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 77, 1122-1128.	0.9	171
9	Correlation of Quantitative EEG in Acute Ischemic Stroke With 30-Day NIHSS Score. <i>Stroke</i> , 2004, 35, 899-903.	1.0	162
10	Gray and white matter changes in Alzheimer's disease: A diffusion tensor imaging study. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 20-26.	1.9	151
11	Use of spherical harmonic deconvolution methods to compensate for nonlinear gradient effects on MRI images. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 115-122.	1.9	135
12	Intensity non-uniformity correction using N3 on 3-T scanners with multichannel phased array coils. <i>NeuroImage</i> , 2008, 39, 1752-1762.	2.1	128
13	4D deformation modeling of cortical disease progression in Alzheimer's dementia. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 661-666.	1.9	107
14	Cerebral white matter in early puberty is associated with luteinizing hormone concentrations. <i>Psychoneuroendocrinology</i> , 2008, 33, 909-915.	1.3	94
15	The multi-modal Australian ScienceS Imaging and Visualization Environment (MASSIVE) high performance computing infrastructure: applications in neuroscience and neuroinformatics research. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 30.	1.3	68
16	Evidence of altered prefrontal-thalamic circuitry in schizophrenia: An optimized diffusion MRI study. <i>NeuroImage</i> , 2006, 32, 16-22.	2.1	67
17	New prototype neuronavigation system based on preoperative imaging and intraoperative freehand ultrasound: system description and validation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2011, 6, 507-522.	1.7	65
18	MINC 2.0: A Flexible Format for Multi-Modal Images. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 35.	1.3	65

#	ARTICLE	IF	CITATIONS
19	Robust methods to create ex vivo minimum deformation atlases for brain mapping. <i>Methods</i> , 2015, 73, 18-26.	1.9	54
20	MRI based diffusion and perfusion predictive model to estimate stroke evolution. <i>Magnetic Resonance Imaging</i> , 2001, 19, 1043-1053.	1.0	51
21	High Normal Blood Glucose Is Associated with Decreased Brain Volume and Cognitive Performance in the 60s: The PATH through Life Study. <i>PLoS ONE</i> , 2013, 8, e73697.	1.1	45
22	Aspirin for the prevention of cognitive decline in the elderly: rationale and design of a neuro-vascular imaging study (ENVIS-ion). <i>BMC Neurology</i> , 2012, 12, 3.	0.8	36
23	Improved Prediction of Final Infarct Volume Using Bolus Delay-Corrected Perfusion-Weighted MRI. <i>Stroke</i> , 2004, 35, 2466-2471.	1.0	35
24	Segmentation of the C57BL/6J mouse cerebellum in magnetic resonance images. <i>NeuroImage</i> , 2012, 62, 1408-1414.	2.1	31
25	An MRI atlas of the mouse basal ganglia. <i>Brain Structure and Function</i> , 2014, 219, 1343-1353.	1.2	31
26	Evidence for Concerted and Mosaic Brain Evolution in Dragon Lizards. <i>Brain, Behavior and Evolution</i> , 2017, 90, 211-223.	0.9	30
27	Development of MRI-based atlases of non-human brains. <i>Journal of Comparative Neurology</i> , 2015, 523, 391-405.	0.9	22
28	A 3D MRI-based atlas of a lizard brain. <i>Journal of Comparative Neurology</i> , 2018, 526, 2511-2547.	0.9	22
29	Blood Pressure, Brain Structure, and Cognition: Opposite Associations in Men and Women. <i>American Journal of Hypertension</i> , 2015, 28, 225-231.	1.0	21
30	Automatic white matter lesion segmentation using contrast enhanced FLAIR intensity and Markov Random Field. <i>Computerized Medical Imaging and Graphics</i> , 2015, 45, 102-111.	3.5	21
31	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. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 9-15.	1.9	19
32	Heterozygosity for Nuclear Factor One X Affects Hippocampal-Dependent Behaviour in Mice. <i>PLoS ONE</i> , 2013, 8, e65478.	1.1	19
33	The challenge of bias-free coil combination for quantitative susceptibility mapping at ultra-high field. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 97-107.	1.9	17
34	Detecting dynamic and genetic effects on brain structure using high-dimensional cortical pattern matching. , 2002, 2002, 473-476.		16
35	Sexual selection predicts brain structure in dragon lizards. <i>Journal of Evolutionary Biology</i> , 2017, 30, 244-256.	0.8	16
36	Statistical Analysis of Longitudinal MRI Data: Applications for Detection of Disease Activity in MS. <i>Lecture Notes in Computer Science</i> , 2002, , 363-371.	1.0	15

#	ARTICLE	IF	CITATIONS
37	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
38	An ontologically consistent MRI-based atlas of the mouse diencephalon. NeuroImage, 2017, 157, 275-287.	2.1	15
39	Laplace mixture autoregressive models. Statistics and Probability Letters, 2016, 110, 18-24.	0.4	11
40	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
41	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
42	Spatial clustering of time series via mixture of autoregressions models and Markov random fields. Statistica Neerlandica, 2016, 70, 414-439.	0.9	10
43	<scp>WorkWays</scp>: interacting with scientific workflows. Concurrency Computation Practice and Experience, 2015, 27, 4377-4397.	1.4	8
44	Interpretation of Medical Imaging Data with a Mobile Application: A Mobile Digital Imaging Processing Environment. Frontiers in Neurology, 2013, 4, 85.	1.1	7
45	Relating Education, Brain Structure, and Cognition: The Role of Cardiovascular Disease Risk Factors. BioMed Research International, 2014, 2014, 1-13.	0.9	7
46	Wholeâ€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
47	A fully segmented 3D anatomical atlas of a lizard brain. Brain Structure and Function, 2021, 226, 1727-1741.	1.2	5
48	The Use of Unwrapped Phase in MR Image Segmentation: A Preliminary Study. Lecture Notes in Computer Science, 2005, , 813-820.	1.0	4
49	Automated Segmentation of White Matter Lesions Using Global Neighbourhood Given Contrast Feature-Based Random Forest and Markov Random Field. , 2014, , .		3
50	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
51	Dynamic Mapping of Alzheimerâ€™s Disease. Research and Perspectives in Alzheimer's Disease, 2004, , 87-112.	0.1	1
52	Spatial False Discovery Rate Control for Magnetic Resonance Imaging Studies. , 2013, , .		1
53	IC-P-170: COMT AND BDNF GENE INTERACTIONS PREDICT BRAIN STRUCTURE IN AGEING. , 2014, 10, P95-P95.		0
54	Neuroimaging Phenotypes in Zebrafish. , 2017, , 273-289.		0