Fedde Van Der Lijn

List of Publications by Year
in descending order

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30 papers	2,617 citations	331670 21 h-index	552781 26 g-index
32 all docs	32 docs citations	32 times ranked	5388 citing authors

#	Article	IF	Citations
1	Multi-spectral brain tissue segmentation using automatically trained k-Nearest-Neighbor classification. NeuroImage, 2007, 37, 71-81.	4.2	309
2	A Genome-Wide Association Study Identifies Five Loci Influencing Facial Morphology in Europeans. PLoS Genetics, 2012, 8, e1002932.	3.5	274
3	White matter lesion extension to automatic brain tissue segmentation on MRI. NeuroImage, 2009, 45, 1151-1161.	4.2	269
4	A 10-year follow-up of hippocampal volume on magnetic resonance imaging in early dementia and cognitive decline. Brain, 2010, 133, 1163-1172.	7.6	215
5	Common variants at 12q14 and 12q24 are associated with hippocampal volume. Nature Genetics, 2012, 44, 545-551.	21.4	212
6	Hippocampus segmentation in MR images using atlas registration, voxel classification, and graph cuts. NeuroImage, 2008, 43, 708-720.	4.2	186
7	MRBrainS Challenge: Online Evaluation Framework for Brain Image Segmentation in 3T MRI Scans. Computational Intelligence and Neuroscience, 2015, 2015, 1-16.	1.7	179
8	Brain tissue volumes in the general elderly population. Neurobiology of Aging, 2008, 29, 882-890.	3.1	171
9	Global and focal brain volume in long-term breast cancer survivors exposed to adjuvant chemotherapy. Breast Cancer Research and Treatment, 2012, 132, 1099-1106.	2.5	145
10	Tissue segmentation of head and neck CT images for treatment planning: A multiatlas approach combined with intensity modeling. Medical Physics, 2013, 40, 071905.	3.0	90
11	Genetic determination of human facial morphology: links between cleft-lips and normal variation. European Journal of Human Genetics, 2011, 19, 1192-1197.	2.8	89
12	Older Age Relates to Worsening of Fine Motor Skills: A Population-Based Study of Middle-Aged and Elderly Persons. Frontiers in Aging Neuroscience, 2014, 6, 259.	3.4	81
13	Determinants of cerebellar and cerebral volume in the general elderly population. Neurobiology of Aging, 2012, 33, 2774-2781.	3.1	55
14	Automated Brain Structure Segmentation Based on Atlas Registration and Appearance Models. IEEE Transactions on Medical Imaging, 2012, 31, 276-286.	8.9	54
15	Hippocampal shape is predictive for the development of dementia in a normal, elderly population. Human Brain Mapping, 2014, 35, 2359-2371.	3.6	52
16	A Study of the Bidirectional Association Between Hippocampal Volume on Magnetic Resonance Imaging and Depression in the Elderly. Biological Psychiatry, 2011, 70, 191-197.	1.3	42
17	The influence of cerebral small vessel disease on default mode network deactivation in mild cognitive impairment. NeuroImage: Clinical, 2013, 2, 33-42.	2.7	36
18	Total antioxidant capacity of the diet and major neurologic outcomes in older adults. Neurology, 2013, 80, 904-910.	1.1	36

#	Article	IF	Citations
19	The role of the posterior fossa in developing Chiari I malformation in children with craniosynostosis syndromes. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 813-819.	1.7	28
20	The use of atlas registration and graph cuts for prostate segmentation in magnetic resonance images. Medical Physics, 2015, 42, 1614-1624.	3.0	27
21	Vascular risk factors, apolipoprotein E, and hippocampal decline on magnetic resonance imaging over a 10â€year followâ€up. Alzheimer's and Dementia, 2012, 8, 417-425.	0.8	21
22	Automated measurement of local white matter lesion volume. NeuroImage, 2012, 59, 3901-3908.	4.2	14
23	Statistical analysis of minimum cost path based structural brain connectivity. NeuroImage, 2011, 55, 557-565.	4.2	9
24	IT Infrastructure to Support the Secondary Use of Routinely Acquired Clinical Imaging Data for Research. Neuroinformatics, 2015, 13, 65-81.	2.8	7
25	AUTOMATIC SEGMENTATION OF BRAIN TISSUE ANDWHITEMATTER LESIONS IN MRI. , 2007, , .		4
26	Prediction of Dementia by Hippocampal Shape Analysis. Lecture Notes in Computer Science, 2010, , 42-49.	1.3	4
27	The Thyroid Hormone Receptor Alpha Locus and White Matter Lesions: A Role for the Clock GeneREV-ERBÎ±. Thyroid, 2012, 22, 1181-1186.	4.5	3
28	Auto-kNN: Brain Tissue Segmentation using Automatically Trained k-Nearest-Neighbor Classification. , 2013, , .		3
29	Local appearance features for robust MRI brain structure segmentation across scanning protocols. , 2013, , .		2
30	The thyroid hormone receptor Î± locus and white matter lesions: a role for the clock gene REV-ERBÎ±. Thyroid, 0, , 120814093637002.	4.5	0