Madelaine Daianu

List of Publications by Year
in descending order

28 papers	1,020 citations	687363 13 h-index	677142 22 g-index
29 all docs	29 docs citations	29 times ranked	1802 citing authors

#	Article	IF	Citations
1	Visual Analysis of Brain Networks Using Sparse Regression Models. ACM Transactions on Knowledge Discovery From Data, 2018, 12, 1-30.	3.5	3
2	Uncovering Biologically Coherent Peripheral Signatures of Health and Risk for Alzheimer's Disease in the Aging Brain. Frontiers in Aging Neuroscience, 2018, 10, 390.	3.4	39
3	Predicting brain network changes in Alzheimer's disease with link prediction algorithms. Molecular BioSystems, 2017, 13, 725-735.	2.9	20
4	The attribution of animacy and agency in frontotemporal dementia versus Alzheimer's disease. Cortex, 2017, 92, 81-94.	2.4	5
5	Blockwise Human Brain Network Visual Comparison Using NodeTrix Representation. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 181-190.	4.4	28
6	3<scp>D</scp> tract‐specific local and global analysis of white matter integrity in <scp>A</scp>lzheimer's disease. Human Brain Mapping, 2017, 38, 1191-1207.	3.6	39
7	Comparison of Biomarkers in Transgenic Alzheimer Rats Using Multi-Shell Diffusion MRI. Mathematics and Visualization, 2017, , 187-199.	0.6	11
8	Disrupted rich club network in behavioral variant frontotemporal dementia and early‐onset <scp>A</scp>lzheimer's disease. Human Brain Mapping, 2016, 37, 868-883.	3.6	53
9	Axonal diameter and density estimated with 7-Tesla hybrid diffusion imaging in transgenic Alzheimer rats. Proceedings of SPIE, 2016, , .	0.8	0
10	An advanced white matter tract analysis in frontotemporal dementia and early-onset Alzheimer's disease. Brain Imaging and Behavior, 2016, 10, 1038-1053.	2.1	46
11	Information-Theoretic Clustering of Neuroimaging Metrics Related to Cognitive Decline in the Elderly. Lecture Notes in Computer Science, 2016, , 13-23.	1.3	2
12	Rich club analysis in the Alzheimer's disease connectome reveals a relatively undisturbed structural core network. Human Brain Mapping, 2015, 36, 3087-3103.	3.6	125
13	White Matter Changes Associated with Resting Sympathetic Tone in Frontotemporal Dementia vs. Alzheimer's Disease. PLoS ONE, 2015, 10, e0142445.	2.5	4
14	Communication of brain network core connections altered in behavioral variant frontotemporal dementia but possibly preserved in early-onset Alzheimer's disease. Proceedings of SPIE, 2015, 9413, .	0.8	6
15	Reconstruction of major fibers using 7T multi-shell Hybrid Diffusion Imaging in mice. Proceedings of SPIE, 2015, , .	0.8	0
16	7T multi-shell hybrid diffusion imaging (HYDI) for mapping brain connectivity in mice. Proceedings of SPIE, 2015, 9413, .	0.8	9
17	Genetic analysis of structural brain connectivity using DICCCOL models of diffusion MRI in 522 twins. , 2015, 2015, 1167-1171.		2
18	An investigation of care-based vs. rule-based morality in frontotemporal dementia, Alzheimer's disease, and healthy controls. Neuropsychologia, 2015, 78, 73-79.	1.6	25

#	Article	IF	Citations
19	Spectral graph theory and graph energy metrics show evidence for the alzheimer's disease disconnection syndrome in APOE-4 risk gene carriers. , 2015, 2015, 458-461.		17
20	Multi-Shell Hybrid Diffusion Imaging (HYDI) at 7 Tesla in TgF344-AD Transgenic Alzheimer Rats. PLoS ONE, 2015, 10, e0145205.	2.5	20
21	Analysis of structural brain connectivity in 6 cases of hemispherectomy. , 2014, , .		0
22	Neuroimaging and genetic risk for Alzheimer's disease and addiction-related degenerative brain disorders. Brain Imaging and Behavior, 2014, 8, 217-233.	2.1	14
23	Disrupted Brain Connectivity in Alzheimer's Disease: Effects of Network Thresholding. Mathematics and Visualization, 2014, , 199-208.	0.6	3
24	Rich Club Network Analysis Shows Distinct Patterns of Disruption in Frontotemporal Dementia and Alzheimer's Disease. Mathematics and Visualization, 2014, 2014, 13-22.	0.6	11
25	Algebraic Connectivity of Brain Networks Shows Patterns of Segregation Leading to Reduced Network Robustness in Alzheimer's Disease. Mathematics and Visualization, 2014, 2014, 55-64.	0.6	18
26	Alzheimer's disease disrupts rich club organization in brain connectivity networks. , 2013, , 266-269.		40
27	Breakdown of Brain Connectivity Between Normal Aging and Alzheimer's Disease: A Structural k-Core Network Analysis. Brain Connectivity, 2013, 3, 407-422.	1.7	162
28	Left versus right hemisphere differences in brain connectivity: 4-Tesla HARDI tractography in 569 twins. , 2012, 2012, 526-529.		16