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	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
2	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
3	Disrupted rich club network in behavioral variant frontotemporal dementia and early‐onset Alzheimer's disease. Human Brain Mapping, 2016, 37, 868-883.	3.6	53
4	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
5	Alzheimer's disease disrupts rich club organization in brain connectivity networks. , 2013, , 266-269.		40
6	3D tract‐specific local and global analysis of white matter integrity in Alzheimer's disease. Human Brain Mapping, 2017, 38, 1191-1207.	3.6	39
7	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
8	Blockwise Human Brain Network Visual Comparison Using NodeTrix Representation. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 181-190.	4.4	28
9	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
10	Predicting brain network changes in Alzheimer's disease with link prediction algorithms. Molecular BioSystems, 2017, 13, 725-735.	2.9	20
11	Multi-Shell Hybrid Diffusion Imaging (HYDI) at 7 Tesla in TgF344-AD Transgenic Alzheimer Rats. PLoS ONE, 2015, 10, e0145205.	2.5	20
12	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
13	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
14	Left versus right hemisphere differences in brain connectivity: 4-Tesla HARDI tractography in 569 twins. , 2012, 2012, 526-529.		16
15	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
16	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
17	Comparison of Biomarkers in Transgenic Alzheimer Rats Using Multi-Shell Diffusion MRI. Mathematics and Visualization, 2017, , 187-199.	0.6	11
18	7T multi-shell hybrid diffusion imaging (HYDI) for mapping brain connectivity in mice. Proceedings of SPIE, 2015, 9413, .	0.8	9

#	Article	IF	Citations
19	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
20	The attribution of animacy and agency in frontotemporal dementia versus Alzheimer's disease. Cortex, 2017, 92, 81-94.	2.4	5
21	White Matter Changes Associated with Resting Sympathetic Tone in Frontotemporal Dementia vs. Alzheimer's Disease. PLoS ONE, 2015, 10, e0142445.	2.5	4
22	Visual Analysis of Brain Networks Using Sparse Regression Models. ACM Transactions on Knowledge Discovery From Data, 2018, 12, 1-30.	3.5	3
23	Disrupted Brain Connectivity in Alzheimer's Disease: Effects of Network Thresholding. Mathematics and Visualization, 2014, , 199-208.	0.6	3
24	Genetic analysis of structural brain connectivity using DICCCOL models of diffusion MRI in 522 twins. , 2015, 2015, 1167-1171.		2
25	Information-Theoretic Clustering of Neuroimaging Metrics Related to Cognitive Decline in the Elderly. Lecture Notes in Computer Science, 2016, , 13-23.	1.3	2
26	Analysis of structural brain connectivity in 6 cases of hemispherectomy. , 2014, , .		0
27	Reconstruction of major fibers using 7T multi-shell Hybrid Diffusion Imaging in mice. Proceedings of SPIE, 2015, , .	0.8	0
28	Axonal diameter and density estimated with 7-Tesla hybrid diffusion imaging in transgenic Alzheimer rats. Proceedings of SPIE, 2016, , .	0.8	0