Leighton R Barnden

List of Publications by Year
in descending order

21 papers	537 citations	759233 12 h-index	996975 15 g-index
21 all docs	21 docs citations	21 times ranked	425 citing authors

#	Article	IF	Citations
1	A brain MRI study of chronic fatigue syndrome: evidence of brainstem dysfunction and altered homeostasis. NMR in Biomedicine, 2011, 24, 1302-1312.	2.8	94
2	Progressive brain changes in patients with chronic fatigue syndrome: A longitudinal MRI study. Journal of Magnetic Resonance Imaging, 2016, 44, 1301-1311.	3.4	55
3	Autonomic correlations with MRI are abnormal in the brainstem vasomotor centre in Chronic Fatigue Syndrome. NeuroImage: Clinical, 2016, 11, 530-537.	2.7	55
4	Evidence in chronic fatigue syndrome for severityâ€dependent upregulation of prefrontal myelination that is independent of anxiety and depression. NMR in Biomedicine, 2015, 28, 404-413.	2.8	49
5	A systematic review of neurological impairments in myalgic encephalomyelitis/ chronic fatigue syndrome using neuroimaging techniques. PLoS ONE, 2020, 15, e0232475.	2.5	43
6	Neuroimaging characteristics of myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS): a systematic review. Journal of Translational Medicine, 2020, 18, 335.	4.4	38
7	Brain function characteristics of chronic fatigue syndrome: A task fMRI study. NeuroImage: Clinical, 2018, 19, 279-286.	2.7	37
8	Intra brainstem connectivity is impaired in chronic fatigue syndrome. NeuroImage: Clinical, 2019, 24, 102045.	2.7	37
9	Decreased Connectivity and Increased Blood Oxygenation Level Dependent Complexity in the Default Mode Network in Individuals with Chronic Fatigue Syndrome. Brain Connectivity, 2018, 8, 33-39.	1.7	30
10	Hyperintense sensorimotor T1 spin echo MRI is associated with brainstem abnormality in chronic fatigue syndrome. NeuroImage: Clinical, 2018, 20, 102-109.	2.7	29
11	Medial prefrontal cortex deficits correlate with unrefreshing sleep in patients with chronic fatigue syndrome. NMR in Biomedicine, 2017, 30, e3757.	2.8	22
12	Mapping of pathological change in chronic fatigue syndrome using the ratio of T1- and T2-weighted MRI scans. NeuroImage: Clinical, 2020, 28, 102366.	2.7	19
13	Diffusion tensor imaging reveals neuronal microstructural changes in myalgic encephalomyelitis/chronic fatigue syndrome. European Journal of Neuroscience, 2021, 54, 6214-6228.	2.6	18
14	Volumetric differences in hippocampal subfields and associations with clinical measures in myalgic encephalomyelitis/chronic fatigue syndrome. Journal of Neuroscience Research, 2022, 100, 1476-1486.	2.9	6
15	Alteration of Cortical Volume and Thickness in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. Frontiers in Neuroscience, 2022, 16, 848730.	2.8	5
16	Title is missing!. , 2020, 15, e0232475.		0
17	Title is missing!. , 2020, 15, e0232475.		0
18	Title is missing!. , 2020, 15, e0232475.		0

#	Article	IF	Citations
19	Title is missing!. , 2020, 15, e0232475.		0
20	Title is missing!. , 2020, 15, e0232475.		0
21	Title is missing!. , 2020, 15, e0232475.		0