Laura E Jonkman

List of Publications by Year
in descending order

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28 papers	683 citations	623699 14 h-index	642715 23 g-index
30 all docs	30 docs citations	30 times ranked	1284 citing authors

#	Article	IF	Citations
1	Increased cortical grey matter lesion detection in multiple sclerosis with 7 T MRI: a post-mortem verification study. Brain, 2016, 139, 1472-1481.	7.6	133
2	Cortical pathology in multiple sclerosis detected by the <scp>T</scp>1/<scp>T</scp>2â€weighted ratio from routine magnetic resonance imaging. Annals of Neurology, 2017, 82, 519-529.	5.3	102
3	Brain intra- and extracellular sodium concentration in multiple sclerosis: a 7 T MRI study. Brain, 2016, 139, 795-806.	7.6	76
4	Axonal degeneration as substrate of fractional anisotropy abnormalities in multiple sclerosis cortex. Brain, 2019, 142, 1921-1937.	7.6	38
5	High-resolution T1-relaxation time mapping displays subtle, clinically relevant, gray matter damage in long-standing multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 1279-1288.	3.0	35
6	The substrate of increased cortical FA in MS: A 7T post-mortem MRI and histopathology study. Multiple Sclerosis Journal, 2016, 22, 1804-1811.	3.0	30
7	7T MRI allows detection of disturbed cortical lamination of the medial temporal lobe in patients with Alzheimer's disease. NeuroImage: Clinical, 2019, 21, 101665.	2.7	28
8	Can MS lesion stages be distinguished with MRI? A postmortem MRI and histopathology study. Journal of Neurology, 2015, 262, 1074-1080.	3.6	27
9	Normal Aging Brain Collection Amsterdam (NABCA): A comprehensive collection of postmortem high-field imaging, neuropathological and morphometric datasets of non-neurological controls. NeuroImage: Clinical, 2019, 22, 101698.	2.7	25
10	Ultra-high field MTR and qR2* differentiates subpial cortical lesions from normal-appearing gray matter in multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 1306-1314.	3.0	24
11	Post-Mortem MRI and Histopathology in Neurologic Disease: A Translational Approach. Neuroscience Bulletin, 2019, 35, 229-243.	2.9	18
12	Gray Matter Correlates of Cognitive Performance Differ between Relapsing-Remitting and Primary-Progressive Multiple Sclerosis. PLoS ONE, 2015, 10, e0129380.	2.5	17
13	Multi-scale MRI spectrum detects differences in myelin integrity between MS lesion types. Multiple Sclerosis Journal, 2016, 22, 1569-1577.	3.0	17
14	Can post-mortem MRI be used as a proxy for in vivo? A case study. Brain Communications, 2019, 1, fcz030.	3.3	17
15	Relationship between Î2-amyloid and structural network topology in decedents without dementia. Neurology, 2020, 95, e532-e544.	1.1	17
16	Structural (dys)connectivity associates with cholinergic cell density in Alzheimerâ€™s disease. Brain, 2022, 145, 2869-2881.	7.6	15
17	Evaluation of the diffusion MRI white matter tract integrity model using myelin histology and Monte-Carlo simulations. NeuroImage, 2020, 223, 117313.	4.2	14
18	Cortical axonal loss is associated with both gray matter demyelination and white matter tract pathology in progressive multiple sclerosis: Evidence from a combined MRI-histopathology study. Multiple Sclerosis Journal, 2021, 27, 380-390.	3.0	13

#	Article	IF	Citations
19	Amyloid-Î², p-tau and reactive microglia are pathological correlates of MRI cortical atrophy in Alzheimerâ€™s disease. Brain Communications, 2021, 3, fcab281.	3.3	12
20	Artificial double inversion recovery images for (juxta)cortical lesion visualization in multiple sclerosis. Multiple Sclerosis Journal, 2021, , 135245852110298.	3.0	11
21	Texture analysis in brain T2 and diffusion MRI differentiates histology-verified grey and white matter pathology types in multiple sclerosis. Journal of Neuroscience Methods, 2022, 379, 109671.	2.5	5
22	Artificial double inversion recovery images can substitute conventionally acquired images: an MRI-histology study. Scientific Reports, 2022, 12, 2620.	3.3	4
23	Postmortem magnetic resonance imaging. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 150, 335-354.	1.8	3
24	Ultra-high-field (7.0 Tesla and above) MRI is now necessary to make the next step forward in understanding MS pathophysiology â€“ NO. Multiple Sclerosis Journal, 2017, 23, 374-375.	3.0	0
25	P1â€478: LOWER STRUCTURAL DEGREE AND HIGHER LOCAL EFFICIENCY RELATED TO DIFFUSE AMYLOIDâ€BETA LOAD IN CORTEX OF NONâ€NEUROLOGICAL AGED DONORS. Alzheimer's and Dementia, 2018, 14, P508.	0.8	0
26	ICâ€Pâ€122: THE NORMAL AGING BRAIN COLLECTION AMSTERDAM (NABCA): A COMPREHENSIVE COLLECTION OF POSTMORTEM IMAGING, NEUROPATHOLOGICAL AND MORPHOMETRIC DATASETS. Alzheimer's and Dementia, 2018, 14, P103.	0.8	0
27	ICâ€Pâ€053: LOWER STRUCTURAL DEGREE AND HIGHER LOCAL EFFICIENCY RELATED TO DIFFUSE AMYLOIDâ€BETA LOAD IN CORTEX OF NONâ€NEUROLOGICAL AGED DONORS. Alzheimer's and Dementia, 2018, 14, P51.	0.8	0
28	P2â€477: THE NORMAL AGING BRAIN COLLECTION AMSTERDAM (NABCA): A COMPREHENSIVE COLLECTION OF POSTMORTEM IMAGING, NEUROPATHOLOGICAL AND MORPHOMETRIC DATASETS. Alzheimer's and Dementia, 2018, 14, P907.	0.8	0