

Renaud Lopes

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,808
citations

331670

21
h-index

302126

39
g-index

74
all docs

74
docs citations

74
times ranked

3897
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain morphometry reproducibility in multi-center 3T MRI studies: A comparison of cross-sectional and longitudinal segmentations. <i>NeuroImage</i> , 2013, 83, 472-484.	4.2	157
2	Widespread epileptic networks in focal epilepsies: EEG-fMRI study. <i>Epilepsia</i> , 2012, 53, 1618-1627.	5.1	149
3	Strategic infarct locations for post-stroke cognitive impairment: a pooled analysis of individual patient data from 12 acute ischaemic stroke cohorts. <i>Lancet Neurology</i> , The, 2021, 20, 448-459.	10.2	120
4	Multisite longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging of healthy elderly subjects. <i>NeuroImage</i> , 2014, 101, 390-403.	4.2	99
5	Network dynamics during the different stages of hallucinations in schizophrenia. <i>Human Brain Mapping</i> , 2016, 37, 2571-2586.	3.6	87
6	Could Conservative Iron Chelation Lead to Neuroprotection in Amyotrophic Lateral Sclerosis? © Caroline Moreau <i>et al</i>. 2018; Published by Mary Ann Liebert, Inc. This Open Access article distributed under the terms of the Creative Commons License (http://creativecommons.org/licenses/by/4.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 742-748.	5.4	86
7	Longitudinal reproducibility of default-mode network connectivity in healthy elderly participants: A multicentric resting-state fMRI study. <i>NeuroImage</i> , 2016, 124, 442-454.	4.2	85
8	Cognitive phenotypes in parkinson's disease differ in terms of brain network organization and connectivity. <i>Human Brain Mapping</i> , 2017, 38, 1604-1621.	3.6	84
9	Cerebral Hypoperfusion and Hypometabolism Detected by Arterial Spin Labeling MRI and FDG-PET in Early-Onset Alzheimer's Disease. <i>Journal of Neuroimaging</i> , 2016, 26, 207-212.	2.0	73
10	Free water elimination improves test-retest reproducibility of diffusion tensor imaging indices in the brain: A longitudinal multisite study of healthy elderly subjects. <i>Human Brain Mapping</i> , 2017, 38, 12-26.	3.6	72
11	Magnetic Resonance Imaging Features of the Nigrostriatal System: Biomarkers of Parkinson's Disease Stages?. <i>PLoS ONE</i> , 2016, 11, e0147947.	2.5	71
12	Thalamic alterations remote to infarct appear as focal iron accumulation and impact clinical outcome. <i>Brain</i> , 2017, 140, 1932-1946.	7.6	50
13	Hypothalamic Structural and Functional Imbalances in Anorexia Nervosa. <i>Neuroendocrinology</i> , 2020, 110, 552-562.	2.5	41
14	Intra-subject reliability of the high-resolution whole-brain structural connectome. <i>NeuroImage</i> , 2014, 102, 283-293.	4.2	38
15	Test-retest reliability of the default mode network in a multi-centric fMRI study of healthy elderly: Effects of data-driven physiological noise correction techniques. <i>Human Brain Mapping</i> , 2016, 37, 2114-2132.	3.6	38
16	Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors. <i>NeuroImage</i> , 2020, 218, 116932.	4.2	38
17	Study on the Relationships between Intrinsic Functional Connectivity of the Default Mode Network and Transient Epileptic Activity. <i>Frontiers in Neurology</i> , 2014, 5, 201.	2.4	35
18	Longitudinal reproducibility of automatically segmented hippocampal subfields: A multisite European 3T study on healthy elderly. <i>Human Brain Mapping</i> , 2015, 36, 3516-3527.	3.6	34

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19	Blood Flow Mimicking Aneurysmal Wall Enhancement: A Diagnostic Pitfall of Vessel Wall MRI Using the Postcontrast 3D Turbo Spin-Echo MR Imaging Sequence. <i>American Journal of Neuroradiology</i> , 2018, 39, 1065-1067.	2.4	32
20	Characterization and prediction of theory of mind disorders in temporal lobe epilepsy.. <i>Neuropsychology</i> , 2015, 29, 485-492.	1.3	30
21	¹⁸ F-FDG PET hypometabolism patterns reflect clinical heterogeneity in sporadic forms of early-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 59, 184-196.	3.1	27
22	Accuracy and reproducibility of automated white matter hyperintensities segmentation with lesion segmentation tool: A European multi-site 3T study. <i>Magnetic Resonance Imaging</i> , 2021, 76, 108-115.	1.8	24
23	Identification of a specific functional network altered in poststroke cognitive impairment. <i>Neurology</i> , 2018, 90, e1879-e1888.	1.1	23
24	Prediction of activation patterns preceding hallucinations in patients with schizophrenia using machine learning with structured sparsity. <i>Human Brain Mapping</i> , 2018, 39, 1777-1788.	3.6	19
25	Texture Features of Magnetic Resonance Images: A Marker of Slight Cognitive Deficits in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 486-494.	3.9	19
26	Prediction of Long-term Cognitive Function After Minor Stroke Using Functional Connectivity. <i>Neurology</i> , 2021, 96, .	1.1	19
27	A functional magnetic resonance imaging investigation of theory of mind impairments in patients with temporal lobe epilepsy. <i>Neuropsychologia</i> , 2016, 93, 271-279.	1.6	16
28	Anxiety in Parkinson's disease is associated with changes in the brain fear circuit. <i>Parkinsonism and Related Disorders</i> , 2020, 80, 89-97.	2.2	16
29	Characterization and prediction of the recognition of emotional faces and emotional bursts in temporal lobe epilepsy. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2015, 37, 931-945.	1.3	15
30	Posterior Cortical Cognitive Deficits Are Associated With Structural Brain Alterations in Mild Cognitive Impairment in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 668559.	3.4	15
31	Grey matter abnormalities are associated only with severe cognitive decline in early stages of Parkinson's disease. <i>Cortex</i> , 2020, 123, 1-11.	2.4	14
32	Decoding Activity in Broca's Area Predicts the Occurrence of Auditory Hallucinations Across Subjects. <i>Biological Psychiatry</i> , 2022, 91, 194-201.	1.3	14
33	Dynamic contrast-enhanced MR imaging pharmacokinetic parameters as predictors of treatment response of brain metastases in patients with lung cancer. <i>European Radiology</i> , 2017, 27, 3733-3743.	4.5	13
34	Neurodegeneration of the Substantia Nigra after Ipsilateral Infarct: MRI R2* Mapping and Relationship to Clinical Outcome. <i>Radiology</i> , 2019, 291, 438-448.	7.3	13
35	Texture parameters of R2* maps are correlated with iron concentration and red blood cells count in clot analogs: A 7-T micro-MRI study. <i>Journal of Neuroradiology</i> , 2020, 47, 306-311.	1.1	10
36	Cerebral Small Vessel Disease MRI Features Do Not Improve the Prediction of Stroke Outcome. <i>Neurology</i> , 2021, 96, e527-e537.	1.1	10

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37	Texture-based markers from structural imaging correlate with motor handicap in Parkinson's disease. <i>Scientific Reports</i> , 2021, 11, 2724.	3.3	10
38	Whole-Brain High-Resolution Structural Connectome: Inter-Subject Validation and Application to the Anatomical Segmentation of the Striatum. <i>Brain Topography</i> , 2017, 30, 291-302.	1.8	9
39	Encoding and immediate retrieval tasks in patients with epilepsy: A functional MRI study of verbal and visual memory. <i>Journal of Neuroradiology</i> , 2018, 45, 157-163.	1.1	8
40	Idiopathic Normal-Pressure Hydrocephalus: Diagnostic Accuracy of Automated Sulcal Morphometry in Patients With Ventriculomegaly. <i>Neurosurgery</i> , 2019, 85, E747-E755.	1.1	8
41	Intrusive experiences in posttraumatic stress disorder: Treatment response induces changes in the directed functional connectivity of the anterior insula. <i>NeuroImage: Clinical</i> , 2022, 34, 102964.	2.7	8
42	Neuroimaging outcomes associated with mild cognitive impairment subtypes in Parkinson's disease: A systematic review. <i>Parkinsonism and Related Disorders</i> , 2022, 95, 122-137.	2.2	8
43	Optimization of brain perfusion image quality by cortical surface-based projection of arterial spin labeling maps in early-onset Alzheimer's disease patients. <i>European Radiology</i> , 2015, 25, 2479-2484.	4.5	7
44	Parietomotor connectivity in the contralesional hemisphere after stroke: A paired-pulse TMS study. <i>Clinical Neurophysiology</i> , 2017, 128, 707-715.	1.5	7
45	Localization of an epileptic orgasmic feeling to the right amygdala, using intracranial electrodes. <i>Cortex</i> , 2018, 109, 347-351.	2.4	7
46	Structural Connectivity and Cortical Thickness Alterations in Transient Global Amnesia. <i>American Journal of Neuroradiology</i> , 2020, 41, 798-803.	2.4	7
47	Arousal in response to neutral pictures is modified in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2015, 45, 15-20.	1.7	6
48	Differences in cortical perfusion detected by arterial spin labeling in nonamnestic and amnestic subtypes of early-onset Alzheimer's disease. <i>Journal of Neuroradiology</i> , 2020, 47, 284-291.	1.1	5
49	Influence of Motor Deficiency and Spatial Neglect on the Contralesional Posterior Parietal Cortex Functional and Structural Connectivity in Stroke Patients. <i>Brain Topography</i> , 2020, 33, 176-190.	1.8	5
50	Three-year changes of cortical 18F-FDG in amnestic vs. non-amnestic sporadic early-onset Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 304-318.	6.4	4
51	Network impact score is an independent predictor of post-stroke cognitive impairment: A multicenter cohort study in 2341 patients with acute ischemic stroke. <i>NeuroImage: Clinical</i> , 2022, 34, 103018.	2.7	4
52	P1-291: Hypometabolism Patterns Using FDG-PET in Typical and Atypical Sporadic Forms of Early-Onset Alzheimer's Disease. , 2016, 12, P532-P532.		3
53	A multimodal, longitudinal study of cognitive heterogeneity in early-onset Alzheimer's disease. <i>European Journal of Neurology</i> , 2021, 28, 3990-3998.	3.3	3
54	Using EQ-PET to reduce reconstruction-dependent variations in [18F]FDG-PET brain imaging. <i>Physics in Medicine and Biology</i> , 2019, 64, 175002.	3.0	2

#	ARTICLE	IF	CITATIONS
55	A Fully Automatic Method for Optic Radiation Tractography Applicable to Multiple Sclerosis Patients. Brain Topography, 2020, 33, 533-544.	1.8	2
56	Author Response: Prediction of Long-term Cognitive Function After Minor Stroke Using Functional Connectivity. Neurology, 2021, 97, .	1.1	2
57	Apathy and impaired recognition of emotion: are they related in Parkinson's disease?. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 1061-1061.	1.9	1
58	ICâ€Pâ€126: VOLUMETRIC ACCURACY OF A FULLY AUTOMATIC TOOL FOR WHITE MATTER HYPERINTENSITIES (WMHS) SEGMENTATION. Alzheimer's and Dementia, 2018, 14, P105.	0.8	1
59	Letter: Commentary: Idiopathic Normal-Pressure Hydrocephalus: Diagnostic Accuracy of Automated Sulcal Morphometry in Patients With Ventriculomegaly. Neurosurgery, 2020, 87, E611-E612.	1.1	1
60	Functional correlates of cognitive slowing in Parkinson's disease. Parkinsonism and Related Disorders, 2020, 76, 3-9.	2.2	1
61	ICâ€Pâ€113: Hypometabolism Patterns Using FDGâ€PET in Typical and Atypical Sporadic Forms of Earlyâ€Onset Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P85.	0.8	0
62	[P3â€062]: ACROSSâ€SESSION REPRODUCIBILITY OF AUTOMATIC WHITE MATTER HYPERINTENSITIES SEGMENTATION: A EUROPEAN MULTIâ€SITE 3T STUDY. Alzheimer's and Dementia, 2017, 13, P954.	0.8	0
63	[P4â€251]: PATTERNS OF CORTICAL NEUROANATOMICAL ABNORMALITIES IN TYPICAL AND ATYPICAL SPORADIC FORMS OF EARLYâ€ONSET ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P1375.	0.8	0
64	[ICâ€Pâ€107]: PATTERNS OF CORTICAL NEUROANATOMICAL ABNORMALITIES IN TYPICAL AND ATYPICAL SPORADIC FORMS OF EARLYâ€ONSET ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P82.	0.8	0
65	[ICâ€Pâ€167]: ACROSSâ€SESSION REPRODUCIBILITY OF AUTOMATIC WHITE MATTER HYPERINTENSITIES SEGMENTATION: A EUROPEAN MULTIâ€SITE 3T STUDY. Alzheimer's and Dementia, 2017, 13, P126.	0.8	0
66	Expected susceptibility contrast of the brain structures in normal conditions and in pathological models. NMR in Biomedicine, 2018, 31, e4020.	2.8	0
67	Amygdalar nuclei and hippocampal subfields on MRI: Testâ€retest reliability of automated segmentation in old and young healthy volunteers. Alzheimer's and Dementia, 2020, 16, e040322.	0.8	0
68	Lâ€™Ã¢ge cÃ©rÃ©bral radiomique prÃ©dit le pronostic fonctionnel aprÃ©s un AVC ischÃ©mique.. Journal of Neuroradiology, 2022, 49, 110-111.	1.1	0