Renaud Lopes

List of Publications by Year
in descending order

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	Decoding Activity in Broca's Area Predicts the Occurrence of Auditory Hallucinations Across Subjects. Biological Psychiatry, 2022, 91, 194-201.	1.3	14
2	Intrusive experiences in posttraumatic stress disorder: Treatment response induces changes in the directed functional connectivity of the anterior insula. NeuroImage: Clinical, 2022, 34, 102964.	2.7	8
3	Neuroimaging outcomes associated with mild cognitive impairment subtypes in Parkinson's disease: A systematic review. Parkinsonism and Related Disorders, 2022, 95, 122-137.	2.2	8
4	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
5	Network impact score is an independent predictor of post-stroke cognitive impairment: A multicenter cohort study in 2341 patients with acute ischemic stroke. NeuroImage: Clinical, 2022, 34, 103018.	2.7	4
6	Accuracy and reproducibility of automated white matter hyperintensities segmentation with lesion segmentation tool: A European multi-site 3T study. Magnetic Resonance Imaging, 2021, 76, 108-115.	1.8	24
7	Cerebral Small Vessel Disease MRI Features Do Not Improve the Prediction of Stroke Outcome. Neurology, 2021, 96, e527-e537.	1.1	10
8	Prediction of Long-term Cognitive Function After Minor Stroke Using Functional Connectivity. Neurology, 2021, 96, .	1.1	19
9	Texture-based markers from structural imaging correlate with motor handicap in Parkinsonâ€™s disease. Scientific Reports, 2021, 11, 2724.	3.3	10
10	Posterior Cortical Cognitive Deficits Are Associated With Structural Brain Alterations in Mild Cognitive Impairment in Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2021, 13, 668559.	3.4	15
11	Strategic infarct locations for post-stroke cognitive impairment: a pooled analysis of individual patient data from 12 acute ischaemic stroke cohorts. Lancet Neurology, The, 2021, 20, 448-459.	10.2	120
12	A multimodal, longitudinal study of cognitive heterogeneity in earlyâ€onset Alzheimer's disease. European Journal of Neurology, 2021, 28, 3990-3998.	3.3	3
13	Author Response: Prediction of Long-term Cognitive Function After Minor Stroke Using Functional Connectivity. Neurology, 2021, 97, .	1.1	2
14	Differences in cortical perfusion detected by arterial spin labeling in nonamnestic and amnestic subtypes of early-onset Alzheimer's disease. Journal of Neuroradiology, 2020, 47, 284-291.	1.1	5
15	Three-year changes of cortical 18F-FDG in amnestic vs. non-amnestic sporadic early-onset Alzheimerâ€™s disease. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 304-318.	6.4	4
16	Hypothalamic Structural and Functional Imbalances in Anorexia Nervosa. Neuroendocrinology, 2020, 110, 552-562.	2.5	41
17	Texture parameters of R2* maps are correlated with iron concentration and red blood cells count in clot analogs: A 7-T micro-MRI study. Journal of Neuroradiology, 2020, 47, 306-311.	1.1	10
18	Grey matter abnormalities are associated only with severe cognitive decline in early stages of Parkinson's disease. Cortex, 2020, 123, 1-11.	2.4	14

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19	Influence of Motor Deficiency and Spatial Neglect on the Contralesional Posterior Parietal Cortex Functional and Structural Connectivity in Stroke Patients. Brain Topography, 2020, 33, 176-190.	1.8	5
20	Texture Features of Magnetic Resonance Images: A Marker of Slight Cognitive Deficits in Parkinson's Disease. Movement Disorders, 2020, 35, 486-494.	3.9	19
21	Letter: Commentary: Idiopathic Normal-Pressure Hydrocephalus: Diagnostic Accuracy of Automated Sulcal Morphometry in Patients With Ventriculomegaly. Neurosurgery, 2020, 87, E611-E612.	1.1	1
22	Anxiety in Parkinson's disease is associated with changes in the brain fear circuit. Parkinsonism and Related Disorders, 2020, 80, 89-97.	2.2	16
23	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
24	Structural Connectivity and Cortical Thickness Alterations in Transient Global Amnesia. American Journal of Neuroradiology, 2020, 41, 798-803.	2.4	7
25	Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors. NeuroImage, 2020, 218, 116932.	4.2	38
26	Functional correlates of cognitive slowing in Parkinson's disease. Parkinsonism and Related Disorders, 2020, 76, 3-9.	2.2	1
27	A Fully Automatic Method for Optic Radiation Tractography Applicable to Multiple Sclerosis Patients. Brain Topography, 2020, 33, 533-544.	1.8	2
28	Using EQÂ·PET to reduce reconstruction-dependent variations in [18F]FDG-PET brain imaging. Physics in Medicine and Biology, 2019, 64, 175002.	3.0	2
29	Idiopathic Normal-Pressure Hydrocephalus: Diagnostic Accuracy of Automated Sulcal Morphometry in Patients With Ventriculomegaly. Neurosurgery, 2019, 85, E747-E755.	1.1	8
30	Neurodegeneration of the Substantia Nigra after Ipsilateral Infarct: MRI R2* Mapping and Relationship to Clinical Outcome. Radiology, 2019, 291, 438-448.	7.3	13
31	Identification of a specific functional network altered in poststroke cognitive impairment. Neurology, 2018, 90, e1879-e1888.	1.1	23
32	Prediction of activation patterns preceding hallucinations in patients with schizophrenia using machine learning with structured sparsity. Human Brain Mapping, 2018, 39, 1777-1788.	3.6	19
33	Could Conservative Iron Chelation Lead to Neuroprotection in Amyotrophic Lateral Sclerosis?Â© 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.. Antioxidants and Redox Signaling, 2018, 29, 742-748.	5.4	86
34	Blood Flow Mimicking Aneurysmal Wall Enhancement: A Diagnostic Pitfall of Vessel Wall MRI Using the Postcontrast 3D Turbo Spin-Echo MR Imaging Sequence. American Journal of Neuroradiology, 2018, 39, 1065-1067.	2.4	32
35	Encoding and immediate retrieval tasks in patients with epilepsy: A functional MRI study of verbal and visual memory. Journal of Neuroradiology, 2018, 45, 157-163.	1.1	8
36	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

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37	Expected susceptibility contrast of the brain structures in normal conditions and in pathological models. NMR in Biomedicine, 2018, 31, e4020.	2.8	0
38	Localization of an epileptic orgasmic feeling to the right amygdala, using intracranial electrodes. Cortex, 2018, 109, 347-351.	2.4	7
39	Whole-Brain High-Resolution Structural Connectome: Inter-Subject Validation and Application to the Anatomical Segmentation of the Striatum. Brain Topography, 2017, 30, 291-302.	1.8	9
40	Dynamic contrast-enhanced MR imaging pharmacokinetic parameters as predictors of treatment response of brain metastases in patients with lung cancer. European Radiology, 2017, 27, 3733-3743.	4.5	13
41	Parietomotor connectivity in the contralesional hemisphere after stroke: A paired-pulse TMS study. Clinical Neurophysiology, 2017, 128, 707-715.	1.5	7
42	Thalamic alterations remote to infarct appear as focal iron accumulation and impact clinical outcome. Brain, 2017, 140, 1932-1946.	7.6	50
43	18F-FDG PET hypometabolism patterns reflect clinical heterogeneity in sporadic forms of early-onset Alzheimer's disease. Neurobiology of Aging, 2017, 59, 184-196.	3.1	27
44	Cognitive phenotypes in parkinson's disease differ in terms of brain‐network organization and connectivity. Human Brain Mapping, 2017, 38, 1604-1621.	3.6	84
45	Free water elimination improves test‐retest reproducibility of diffusion tensor imaging indices in the brain: A longitudinal multisite study of healthy elderly subjects. Human Brain Mapping, 2017, 38, 12-26.	3.6	72
46	[P3‐062]: ACROSS‐SESSION REPRODUCIBILITY OF AUTOMATIC WHITE MATTER HYPERINTENSITIES SEGMENTATION: A EUROPEAN MULTI‐SITE 3T STUDY. Alzheimer's and Dementia, 2017, 13, P954.	0.8	0
47	[P4‐251]: PATTERNS OF CORTICAL NEUROANATOMICAL ABNORMALITITES IN TYPICAL AND ATYPICAL SPORADIC FORMS OF EARLY‐ONSET ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P1375.	0.8	0
48	[IC‐P‐107]: PATTERNS OF CORTICAL NEUROANATOMICAL ABNORMALITITES IN TYPICAL AND ATYPICAL SPORADIC FORMS OF EARLY‐ONSET ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P82.	0.8	0
49	[IC‐P‐167]: ACROSS‐SESSION REPRODUCIBILITY OF AUTOMATIC WHITE MATTER HYPERINTENSITIES SEGMENTATION: A EUROPEAN MULTI‐SITE 3T STUDY. Alzheimer's and Dementia, 2017, 13, P126.	0.8	0
50	Cerebral Hypoperfusion and Hypometabolism Detected by Arterial Spin Labeling MRI and FDG‐PET in Early‐Onset Alzheimer's Disease. Journal of Neuroimaging, 2016, 26, 207-212.	2.0	73
51	Network dynamics during the different stages of hallucinations in schizophrenia. Human Brain Mapping, 2016, 37, 2571-2586.	3.6	87
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	IC‐P‐113: Hypometabolism Patterns Using FDG‐PET in Typical and Atypical Sporadic Forms of Early‐Onset Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P85.	0.8	0
54	A functional magnetic resonance imaging investigation of theory of mind impairments in patients with temporal lobe epilepsy. Neuropsychologia, 2016, 93, 271-279.	1.6	16

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55	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. Human Brain Mapping, 2016, 37, 2114-2132.	3.6	38
56	Longitudinal reproducibility of default-mode network connectivity in healthy elderly participants: A multicentric resting-state fMRI study. NeuroImage, 2016, 124, 442-454.	4.2	85
57	Magnetic Resonance Imaging Features of the Nigrostriatal System: Biomarkers of Parkinson's Disease Stages?. PLoS ONE, 2016, 11, e0147947.	2.5	71
58	Characterization and prediction of theory of mind disorders in temporal lobe epilepsy.. Neuropsychology, 2015, 29, 485-492.	1.3	30
59	Longitudinal reproducibility of automatically segmented hippocampal subfields: A multisite <scp>E</scp>uropean 3T study on healthy elderly. Human Brain Mapping, 2015, 36, 3516-3527.	3.6	34
60	Arousal in response to neutral pictures is modified in temporal lobe epilepsy. Epilepsy and Behavior, 2015, 45, 15-20.	1.7	6
61	Optimization of brain perfusion image quality by cortical surface-based projection of arterial spin labeling maps in early-onset Alzheimer's disease patients. European Radiology, 2015, 25, 2479-2484.	4.5	7
62	Characterization and prediction of the recognition of emotional faces and emotional bursts in temporal lobe epilepsy. Journal of Clinical and Experimental Neuropsychology, 2015, 37, 931-945.	1.3	15
63	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
64	Study on the Relationships between Intrinsic Functional Connectivity of the Default Mode Network and Transient Epileptic Activity. Frontiers in Neurology, 2014, 5, 201.	2.4	35
65	Multisite longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging of healthy elderly subjects. NeuroImage, 2014, 101, 390-403.	4.2	99
66	Intra-subject reliability of the high-resolution whole-brain structural connectome. NeuroImage, 2014, 102, 283-293.	4.2	38
67	Brain morphometry reproducibility in multi-center 3T MRI studies: A comparison of cross-sectional and longitudinal segmentations. NeuroImage, 2013, 83, 472-484.	4.2	157
68	Widespread epileptic networks in focal epilepsies: EEG–fMRI study. Epilepsia, 2012, 53, 1618-1627.	5.1	149