

Christian Lambert

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,012
citations

279798

23
h-index

361022

35
g-index

43
all docs

43
docs citations

43
times ranked

3700
citing authors

#	ARTICLE	IF	CITATIONS
1	Confirmation of functional zones within the human subthalamic nucleus: Patterns of connectivity and sub-parcellation using diffusion weighted imaging. <i>NeuroImage</i> , 2012, 60, 83-94.	4.2	294
2	Dopamine restores reward prediction errors in old age. <i>Nature Neuroscience</i> , 2013, 16, 648-653.	14.8	233
3	Locus coeruleus imaging as a biomarker for noradrenergic dysfunction in neurodegenerative diseases. <i>Brain</i> , 2019, 142, 2558-2571.	7.6	219
4	Longitudinal patterns of leukoaraiosis and brain atrophy in symptomatic small vessel disease. <i>Brain</i> , 2016, 139, 1136-1151.	7.6	103
5	Progression of MRI markers in cerebral small vessel disease: Sample size considerations for clinical trials. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 228-240.	4.3	85
6	Postinfectious brainstem encephalitis associated with SARS-CoV-2. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1013-1014.	1.9	81
7	Defining thalamic nuclei and topographic connectivity gradients in vivo. <i>NeuroImage</i> , 2017, 158, 466-479.	4.2	80
8	Lacunar Infarcts, but Not Perivascular Spaces, Are Predictors of Cognitive Decline in Cerebral Small-Vessel Disease. <i>Stroke</i> , 2018, 49, 586-593.	2.0	80
9	Change in multimodal MRI markers predicts dementia risk in cerebral small vessel disease. <i>Neurology</i> , 2017, 89, 1869-1876.	1.1	76
10	Characterising the grey matter correlates of leukoaraiosis in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2015, 9, 194-205.	2.7	66
11	Strategic lacunes and their relationship to cognitive impairment in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2014, 4, 828-837.	2.7	65
12	Multiparametric brainstem segmentation using a modified multivariate mixture of Gaussians. <i>NeuroImage: Clinical</i> , 2013, 2, 684-694.	2.7	58
13	Parcellation of the human substantia nigra based on anatomical connectivity to the striatum. <i>NeuroImage</i> , 2013, 81, 191-198.	4.2	55
14	Characterizing Aging in the Human Brainstem Using Quantitative Multimodal MRI Analysis. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 462.	2.0	50
15	Application of Diffusion Tensor Imaging Parameters to Detect Change in Longitudinal Studies in Cerebral Small Vessel Disease. <i>PLoS ONE</i> , 2016, 11, e0147836.	2.5	43
16	Dynamic causal modelling of COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 89.	1.8	41
17	Structural integrity of the substantia nigra and subthalamic nucleus predicts flexibility of instrumental learning in older-age individuals. <i>Neurobiology of Aging</i> , 2013, 34, 2261-2270.	3.1	40
18	Second waves, social distancing, and the spread of COVID-19 across America. <i>Wellcome Open Research</i> , 2020, 5, 103.	1.8	40

#	ARTICLE	IF	CITATIONS
19	Sight and sound out of synch: Fragmentation and renormalisation of audiovisual integration and subjective timing. <i>Cortex</i> , 2013, 49, 2875-2887.	2.4	39
20	Do we need to revise the tripartite subdivision hypothesis of the human subthalamic nucleus (STN)? Response to Alkemade and Forstmann. <i>NeuroImage</i> , 2015, 110, 1-2.	4.2	33
21	Dynamic causal modelling of COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 89.	1.8	32
22	Linguistic biomarkers of Hubris syndrome. <i>Cortex</i> , 2014, 55, 167-181.	2.4	27
23	Diffusion tensor image segmentation of the cerebrum provides a single measure of cerebral small vessel disease severity related to cognitive change. <i>NeuroImage: Clinical</i> , 2017, 16, 330-342.	2.7	27
24	Identifying preclinical vascular dementia in symptomatic small vessel disease using MRI. <i>NeuroImage: Clinical</i> , 2018, 19, 925-938.	2.7	23
25	Second waves, social distancing, and the spread of COVID-19 across the USA. <i>Wellcome Open Research</i> , 2020, 5, 103.	1.8	20
26	Can we predict development of impulsiveâ€“compulsive behaviours in Parkinsonâ€™s disease?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 476-481.	1.9	18
27	Predicting Dementia in Cerebral Small Vessel Disease Using an Automatic Diffusion Tensor Image Segmentation Technique. <i>Stroke</i> , 2019, 50, 2775-2782.	2.0	15
28	A comprehensive approach for correcting voxelâ€“wise bâ€“value errors in diffusion MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2173-2184.	3.0	15
29	Testing and tracking in the UK: A dynamic causal modelling study. <i>Wellcome Open Research</i> , 0, 5, 144.	1.8	12
30	Ventralis intermedius nucleus anatomical variability assessment by MRI structural connectivity. <i>NeuroImage</i> , 2021, 238, 118231.	4.2	8
31	Effective immunity and second waves: a dynamic causal modelling study. <i>Wellcome Open Research</i> , 2020, 5, 204.	1.8	7
32	Early brainstem [18F]THK5351 uptake is linked to cortical hyperexcitability in healthy aging. <i>JCI Insight</i> , 2021, 6, .	5.0	6
33	Effective immunity and second waves: a dynamic causal modelling study. <i>Wellcome Open Research</i> , 2020, 5, 204.	1.8	6
34	Prominent cognitive decline and behavioural disturbance in late-onset Alexander disease. <i>Journal of the Neurological Sciences</i> , 2015, 357, 319-321.	0.6	4
35	Testing and tracking in the UK: A dynamic causal modelling study. <i>Wellcome Open Research</i> , 0, 5, 144.	1.8	3
36	Model-based multi-parameter mapping. <i>Medical Image Analysis</i> , 2021, 73, 102149.	11.6	3

#	ARTICLE	IF	CITATIONS
37	Second waves, social distancing, and the spread of COVID-19 across the USA. Wellcome Open Research, 0, 5, 103.	1.8	2
38	Joint Total Variation ESTATICS for Robust Multi-parameter Mapping. Lecture Notes in Computer Science, 2020, , 53-63.	1.3	1