Konrad Wagstyl

List of Publications by Year
in descending order

26	2,594	471509	526287
papers	citations	17	27
		h-index	g-index

60	60	60	3344
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. Epilepsia, 2022, 63, 61-74.	5.1	36
2	IDEAL approach to the evaluation of machine learning technology in epilepsy surgery: protocol for the MAST trial. BMJ Surgery, Interventions, and Health Technologies, 2022, 4, e000109.	0.9	4
3	Networks Underlie Temporal Onset of Dysplasiaâ€Related Epilepsy: A <scp>MELD</scp> Study. Annals of Neurology, 2022, 92, 503-511.	5.3	7
4	The natural axis of transmitter receptor distribution in the human cerebral cortex. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	66
5	CIVET-Macaque: An automated pipeline for MRI-based cortical surface generation and cortical thickness in macaques. NeuroImage, 2021, 227, 117622.	4.2	14
6	Relating quantitative <scp>7T MRI</scp> across cortical depths to cytoarchitectonics, gene expression and connectomics. Human Brain Mapping, 2021, 42, 4996-5009.	3.6	17
7	The BigBrainWarp toolbox for integration of BigBrain 3D histology with multimodal neuroimaging. ELife, 2021, 10, .	6.0	42
8	LayNii: A software suite for layer-fMRI. NeuroImage, 2021, 237, 118091.	4.2	64
9	Cortical patterning of morphometric similarity gradient reveals diverged hierarchical organization in sensory-motor cortices. Cell Reports, 2021, 36, 109582.	6.4	26
10	Convolutional neural networks for cytoarchitectonic brain mapping at large scale. NeuroImage, 2021, 240, 118327.	4.2	10
11	Planning stereoelectroencephalography using automated lesion detection: Retrospective feasibility study. Epilepsia, 2020, 61, 1406-1416.	5.1	17
12	Transcriptomic and cellular decoding of regional brain vulnerability to neurogenetic disorders. Nature Communications, 2020, 11, 3358.	12.8	141
13	MRI profiling of focal cortical dysplasia using multiâ€compartment diffusion models. Epilepsia, 2020, 61, 433-444.	5.1	16
14	Estimates of cortical column orientation improve MEG source inversion. NeuroImage, 2020, 216, 116862.	4.2	11
15	BigBrain 3D atlas of cortical layers: Cortical and laminar thickness gradients diverge in sensory and motor cortices. PLoS Biology, 2020, 18, e3000678.	5.6	120
16	Microstructural and functional gradients are increasingly dissociated in transmodal cortices. PLoS Biology, 2019, 17, e3000284.	5.6	332
17	Shifts in myeloarchitecture characterise adolescent development of cortical gradients. ELife, 2019, 8, .	6.0	97
18	Cortical Thickness. Neuromethods, 2018, , 35-49.	0.3	11

#	ARTICLE	IF	CITATIONS
19	Mapping Cortical Laminar Structure in the 3D BigBrain. Cerebral Cortex, 2018, 28, 2551-2562.	2.9	69
20	Automated detection of focal cortical dysplasia type <scp>II</scp> with surface‐based magnetic resonance imaging postprocessing and machine learning. Epilepsia, 2018, 59, 982-992.	5.1	88
21	Morphometric Similarity Networks Detect Microscale Cortical Organization and Predict Inter-Individual Cognitive Variation. Neuron, 2018, 97, 231-247.e7.	8.1	307
22	Novel surface features for automated detection of focal cortical dysplasias in paediatric epilepsy. NeuroImage: Clinical, 2017, 14, 18-27.	2.7	84
23	Gene transcription profiles associated with inter-modular hubs and connection distance in human functional magnetic resonance imaging networks. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150362.	4.0	188
24	Obesity associated with increased brain age from midlife. Neurobiology of Aging, 2016, 47, 63-70.	3.1	181
25	Adolescence is associated with genomically patterned consolidation of the hubs of the human brain connectome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9105-9110.	7.1	415
26	Cortical thickness gradients in structural hierarchies. NeuroImage, 2015, 111, 241-250.	4.2	155