# Konrad Wagstyl

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8827373/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 26 papers | 2,594 citations | 471061 17 h-index | 525886 27 g-index |
| 60 all docs | 60 docs citations | 60 times ranked | 3344 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. | 2.6 | 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. | 0.6 | 4 |
| 3 | Networks Underlie Temporal Onset of Dysplasiaâ€Related Epilepsy: A <scp>MELD</scp> Study. Annals of Neurology, 2022, 92, 503-511. | 2.8 | 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, . | 3.3 | 66 |
| 5 | CIVET-Macaque: An automated pipeline for MRI-based cortical surface generation and cortical thickness in macaques. NeuroImage, 2021, 227, 117622. | 2.1 | 14 |
| 6 | Relating quantitative <scp>7T MRI</scp> across cortical depths to cytoarchitectonics, gene expression and connectomics. Human Brain Mapping, 2021, 42, 4996-5009. | 1.9 | 17 |
| 7 | The BigBrainWarp toolbox for integration of BigBrain 3D histology with multimodal neuroimaging. ELife, 2021, 10, . | 2.8 | 42 |
| 8 | LayNii: A software suite for layer-fMRI. NeuroImage, 2021, 237, 118091. | 2.1 | 64 |
| 9 | Cortical patterning of morphometric similarity gradient reveals diverged hierarchical organization in sensory-motor cortices. Cell Reports, 2021, 36, 109582. | 2.9 | 26 |
| 10 | Convolutional neural networks for cytoarchitectonic brain mapping at large scale. NeuroImage, 2021, 240, 118327. | 2.1 | 10 |
| 11 | Planning stereoelectroencephalography using automated lesion detection: Retrospective feasibility study. Epilepsia, 2020, 61, 1406-1416. | 2.6 | 17 |
| 12 | Transcriptomic and cellular decoding of regional brain vulnerability to neurogenetic disorders. Nature Communications, 2020, 11, 3358. | 5.8 | 141 |
| 13 | MRI profiling of focal cortical dysplasia using multiâ€compartment diffusion models. Epilepsia, 2020, 61, 433-444. | 2.6 | 16 |
| 14 | Estimates of cortical column orientation improve MEG source inversion. NeuroImage, 2020, 216, 116862. | 2.1 | 11 |
| 15 | BigBrain 3D atlas of cortical layers: Cortical and laminar thickness gradients diverge in sensory and motor cortices. PLoS Biology, 2020, 18, e3000678. | 2.6 | 120 |
| 16 | Microstructural and functional gradients are increasingly dissociated in transmodal cortices. PLoS Biology, 2019, 17, e3000284. | 2.6 | 332 |
| 17 | Shifts in myeloarchitecture characterise adolescent development of cortical gradients. ELife, 2019, 8, . | 2.8 | 97 |
| 18 | Cortical Thickness. Neuromethods, 2018, , 35-49. | 0.2 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mapping Cortical Laminar Structure in the 3D BigBrain. Cerebral Cortex, 2018, 28, 2551-2562. | 1.6 | 69 |
| 20 | Automated detection of focal cortical dysplasia type <scp>II</scp> with surfaceâ€based magnetic resonance imaging postprocessing and machine learning. Epilepsia, 2018, 59, 982-992. | 2.6 | 88 |
| 21 | Morphometric Similarity Networks Detect Microscale Cortical Organization and Predict Inter-Individual Cognitive Variation. Neuron, 2018, 97, 231-247.e7. | 3.8 | 307 |
| 22 | Novel surface features for automated detection of focal cortical dysplasias in paediatric epilepsy. NeuroImage: Clinical, 2017, 14, 18-27. | 1.4 | 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. | 1.8 | 188 |
| 24 | Obesity associated with increased brain age from midlife. Neurobiology of Aging, 2016, 47, 63-70. | 1.5 | 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. | 3.3 | 415 |
| 26 | Cortical thickness gradients in structural hierarchies. NeuroImage, 2015, 111, 241-250. | 2.1 | 155 |