# Kirstie J Whitaker

List of Publications by Year
in descending order



| 53 | 4,325 | 236925 25 | 254184 43 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 81 | 81 | 81 | 6143 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Raincloud plots: a multi-platform tool for robust data visualization. Wellcome Open Research, 2019, 4, 63. | 1.8 | 872 |
| 2 | 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 |
| 3 | Morphometric Similarity Networks Detect Microscale Cortical Organization and Predict Inter-Individual Cognitive Variation. Neuron, 2018, 97, 231-247.e7. | 8.1 | 307 |
| 4 | Raincloud plots: a multi-platform tool for robust data visualization. Wellcome Open Research, 0, 4, 63. | 1.8 | 218 |
| 5 | Cortical patterning of abnormal morphometric similarity in psychosis is associated with brain expression of schizophrenia-related genes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9604-9609. | 7.1 | 200 |
| 6 | Adolescent Tuning of Association Cortex in Human Structural Brain Networks. Cerebral Cortex, 2018, 28, 281-294. | 2.9 | 195 |
| 7 | 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 |
| 8 | Structural covariance networks are coupled to expression of genes enriched in supragranular layers of the human cortex. NeuroImage, 2018, 171, 256-267. | 4.2 | 177 |
| 9 | A neuroimaging biomarker for striatal dysfunction in schizophrenia. Nature Medicine, 2020, 26, 558-565. | 30.7 | 152 |
| 10 | The citation advantage of linking publications to research data. PLoS ONE, 2020, 15, e0230416. | 2.5 | 133 |
| 11 | Experience-dependent plasticity in white matter microstructure: reasoning training alters structural connectivity. Frontiers in Neuroanatomy, 2012, 6, 32. | 1.7 | 113 |
| 12 | Shifts in myeloarchitecture characterise adolescent development of cortical gradients. ELife, 2019, 8, . | 6.0 | 97 |
| 13 | Conservative and disruptive modes of adolescent change in human brain functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3248-3253. | 7.1 | 96 |
| 14 | Waves of Maturation and Senescence in Micro-structural MRI Markers of Human Cortical Myelination over the Lifespan. Cerebral Cortex, 2019, 29, 1369-1381. | 2.9 | 91 |
| 15 | Fronto-Parietal Network Reconfiguration Supports the Development of Reasoning Ability. Cerebral Cortex, 2016, 26, 2178-2190. | 2.9 | 76 |
| 16 | Cohort Profile: The NSPN 2400 Cohort: a developmental sample supporting the Wellcome Trust NeuroScience in Psychiatry Network. International Journal of Epidemiology, 2018, 47, 18-19g. | 1.9 | 68 |
| 17 | White matter maturation supports the development of reasoning ability through its influence on processing speed. Developmental Science, 2013, 16, 941-951. | 2.4 | 67 |
| 18 | Increased Functional Selectivity over Development in Rostrolateral Prefrontal Cortex. Journal of Neuroscience, 2011, 31, 17260-17268. | 3.6 | 66 |

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|---|---|---|---|
| 19 | The effects of puberty on white matter development in boys. Developmental Cognitive Neuroscience, 2015, 11, 116-128. | 4.0 | 59 |
| 20 | Schizotypy-Related Magnetization of Cortex in Healthy Adolescence Is Colocated With Expression of Schizophrenia-Related Genes. Biological Psychiatry, 2020, 88, 248-259. | 1.3 | 59 |
| 21 | Multiple markers of cortical morphology reveal evidence of supragranular thinning in schizophrenia. Translational Psychiatry, 2016, 6, e780-e780. | 4.8 | 50 |
| 22 | An expanding manifold in transmodal regions characterizes adolescent reconfiguration of structural connectome organization. ELife, 2021, 10, . | 6.0 | 47 |
| 23 | Credit assignment to state-independent task representations and its relationship with model-based decision making. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15871-15876. | 7.1 | 46 |
| 24 | TE-dependent analysis of multi-echo fMRI with tedana. Journal of Open Source Software, 2021, 6, 3669. | 4.6 | 39 |
| 25 | Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. Epilepsia, 2022, 63, 61-74. | 5.1 | 36 |
| 26 | Decision-making ability, psychopathology, and brain connectivity. Neuron, 2021, 109, 2025-2040.e7. | 8.1 | 34 |
| 27 | Neuroscientific insights into the development of analogical reasoning. Developmental Science, 2018, 21, e12531. | 2.4 | 32 |
| 28 | Multiple Holdouts With Stability: Improving the Generalizability of Machine Learning Analyses of Brainâ€“Behavior Relationships. Biological Psychiatry, 2020, 87, 368-376. | 1.3 | 32 |
| 29 | PyBIDS: Python tools for BIDS datasets. Journal of Open Source Software, 2019, 4, 1294. | 4.6 | 32 |
| 30 | Adolescents with current major depressive disorder show dissimilar patterns of age-related differences in ACC and thalamus. NeuroImage: Clinical, 2015, 7, 391-399. | 2.7 | 31 |
| 31 | AtlasReader: A Python package to generate coordinate tables, region labels, and informative figures from statistical MRI images. Journal of Open Source Software, 2019, 4, 1257. | 4.6 | 24 |
| 32 | Quantifying development: Investigating highly myelinated voxels in preadolescent corpus callosum. NeuroImage, 2008, 43, 731-735. | 4.2 | 19 |
| 33 | Functional MRI of emotional memory in adolescent depression. Developmental Cognitive Neuroscience, 2016, 19, 31-41. | 4.0 | 18 |
| 34 | Adolescent development of multiscale structural wiring and functional interactions in the human connectome. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 18 |
| 35 | Aberrant brain responses to emotionally valent words is normalised after cognitive behavioural therapy in female depressed adolescents. Journal of Affective Disorders, 2016, 189, 54-61. | 4.1 | 16 |
| 36 | Preference uncertainty accounts for developmental effects on susceptibility to peer influence in adolescence. Nature Communications, 2021, 12, 3823. | 12.8 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Centering inclusivity in the design of online conferencesâ€"An OHBMâ€"Open Science perspective. GigaScience, 2021, 10, . | 6.4 | 14 |
| 38 | Introduction to the special issue on reproducibility in neuroimaging. NeuroImage, 2020, 218, 116357. | 4.2 | 13 |
| 39 | Brain Imaging: Your Brain Scan Doesn't Lie About Your Age. Current Biology, 2012, 22, R800-R801. | 3.9 | 11 |
| 40 | White matter microstructure throughout the brain correlates with visual imagery in grapheme â€"color synesthesia. NeuroImage, 2014, 90, 52-59. | 4.2 | 10 |
| 41 | Functional Magnetic Resonance Imaging Connectivity Accurately Distinguishes Cases With Psychotic Disorders From Healthy Controls, Based on Cortical Features Associated With Brain Network Development. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 1125-1134. | 1.5 | 10 |
| 42 | Data science for the scientific life cycle. ELife, 2019, 8, . | 6.0 | 10 |
| 43 | How much motion is too much motion? Determining motion thresholds by sample size for reproducibility in developmental resting-state MRI. Research Ideas and Outcomes, 0, 3, e12569. | 1.0 | 9 |
| 44 | Clinical characteristics associated with the prescribing of SSRI medication in adolescents with major unipolar depression. European Child and Adolescent Psychiatry, 2016, 25, 1287-1295. | 4.7 | 8 |
| 45 | Assigning the right credit to the wrong action: compulsivity in the general population is associated with augmented outcome-irrelevant value-based learning. Translational Psychiatry, 2021, 11, 564. | 4.8 | 3 |
| 46 | Improved Interpretability of Brain-Behavior CCA With Domain-Driven Dimension Reduction. Frontiers in Neuroscience, 0, 16, . | 2.8 | 3 |
| 47 | Morphometric Similarity Networks Detect Microscale Cortical Organisation and Predict Inter-Individual Cognitive Variation. SSRN Electronic Journal, 0, , . | 0.4 | 1 |
| 48 | The citation advantage of linking publications to research data. , 2020, 15, e0230416. | | 0 |
| 49 | The citation advantage of linking publications to research data. , 2020, 15, e0230416. | | 0 |
| 50 | The citation advantage of linking publications to research data. , 2020, 15, e0230416. | | 0 |
| 51 | The citation advantage of linking publications to research data. , 2020, 15, e0230416. | | 0 |
| 52 | The citation advantage of linking publications to research data. , 2020, 15, e0230416. | | 0 |
| 53 | The citation advantage of linking publications to research data. , 2020, 15, e0230416. | | 0 |