Philip A Cook

List of Publications by Year in Descending Order

39 papers	7,082 citations	22 h-index	40 g-index
40 ext. papers	10,364 ext. citations	7.9 avg, IF	5.65 L-index

#	Paper	IF	Citations
39	Phases of volume loss in patients with known frontotemporal lobar degeneration spectrum pathology.. *Neurobiology of Aging*, **2022**, 113, 95-107	5.6	0
38	Machine learning suggests polygenic risk for cognitive dysfunction in amyotrophic lateral sclerosis. *EMBO Molecular Medicine*, **2021**, 13, e12595	12	3
37	Transdiagnostic dimensions of psychopathology explain individualsaunique deviations from normative neurodevelopment in brain structure. *Translational Psychiatry*, **2021**, 11, 232	8.6	9
36	The ANTsX ecosystem for quantitative biological and medical imaging. *Scientific Reports*, **2021**, 11, 9068	4.9	9
35	FlywheelTools: Data Curation and Manipulation on the Flywheel Platform. *Frontiers in Neuroinformatics*, **2021**, 15, 678403	3.9	1
34	Structural brain measures linked to clinical phenotypes in major depression replicate across clinical centres. *Molecular Psychiatry*, **2021**, 26, 2764-2775	15.1	4
33	Mitigating site effects in covariance for machine learning in neuroimaging data.. *Human Brain Mapping*, **2021**,	5.9	3
32	Dimensional connectomics of anxious misery, a human connectome study related to human disease: Overview of protocol and data quality. *NeuroImage: Clinical*, **2020**, 28, 102489	5.3	3
31	Longitudinal ComBat: A method for harmonizing longitudinal multi-scanner imaging data. *NeuroImage*, **2020**, 220, 117129	7.9	32
30	Leveraging multi-shell diffusion for studies of brain development in youth and young adulthood. *Developmental Cognitive Neuroscience*, **2020**, 43, 100788	5.5	27
29	Development of structure-function coupling in human brain networks during youth. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 771-778	11.5	97
28	Accelerated cortical thinning within structural brain networks is associated with irritability in youth. *Neuropsychopharmacology*, **2019**, 44, 2254-2262	8.7	12
27	Longitudinal progression of grey matter atrophy in non-amnestic Alzheimeras disease. *Brain*, **2019**, 142, 1701-1722	11.2	18
26	Childhood trauma history is linked to abnormal brain connectivity in major depression. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 8582-8590	11.5	66
25	Longitudinal Mapping of Cortical Thickness Measurements: An Alzheimeras Disease Neuroimaging Initiative-Based Evaluation Study. *Journal of Alzheimerus Disease*, **2019**, 71, 165-183	4.3	13
24	The impact of in-scanner head motion on structural connectivity derived from diffusion MRI. *NeuroImage*, **2018**, 173, 275-286	7.9	57
23	Diminished Cortical Thickness Is Associated with Impulsive Choice in Adolescence. *Journal of Neuroscience*, **2018**, 38, 2471-2481	6.6	26

22	Cognitive Behavioral Therapy Is Associated With Enhanced Cognitive Control Network Activity in Major Depression and Posttraumatic Stress Disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2018**, 3, 311-319	3.4	23
21	Quantitative assessment of structural image quality. *NeuroImage*, **2018**, 169, 407-418	7.9	129
20	Linked dimensions of psychopathology and connectivity in functional brain networks. *Nature Communications*, **2018**, 9, 3003	17.4	169
19	A Retrospective Study of Predictors of Return to Duty versus Medical Retirement in an Active Duty Military Population with Blast-Related Mild Traumatic Brain Injury. *Journal of Neurotrauma*, **2018**, 35, 991-1002	5.4	14
18	Harmonization of cortical thickness measurements across scanners and sites. *NeuroImage*, **2018**, 167, 104-120	7.9	286
17	Mitigating head motion artifact in functional connectivity MRI. *Nature Protocols*, **2018**, 13, 2801-2826	18.8	84
16	Longitudinal structural gray matter and white matter MRI changes in presymptomatic progranulin mutation carriers. *NeuroImage: Clinical*, **2018**, 19, 497-506	5.3	16
15	Statistical harmonization corrects site effects in functional connectivity measurements from multi-site fMRI data. *Human Brain Mapping*, **2018**, 39, 4213-4227	5.9	117
14	Cognitive behavioral therapy increases amygdala connectivity with the cognitive control network in both MDD and PTSD. *NeuroImage: Clinical*, **2017**, 14, 464-470	5.3	54
13	Modular Segregation of Structural Brain Networks Supports the Development of Executive Function in Youth. *Current Biology*, **2017**, 27, 1561-1572.e8	6.3	178
12	Plasticity of the human visual system after retinal gene therapy in patients with Leberas congenital amaurosis. *Science Translational Medicine*, **2015**, 7, 296ra110	17.5	39
11	Genetic and neuroanatomic associations in sporadic frontotemporal lobar degeneration. *Neurobiology of Aging*, **2014**, 35, 1473-82	5.6	38
10	Relating brain anatomy and cognitive ability using a multivariate multimodal framework. *NeuroImage*, **2014**, 99, 477-86	7.9	21
9	Large-scale evaluation of ANTs and FreeSurfer cortical thickness measurements. *NeuroImage*, **2014**, 99, 166-79	7.9	350
8	Reproducibility of graph metrics of human brain structural networks. *Frontiers in Neuroinformatics*, **2014**, 8, 46	3.9	26
7	A reproducible evaluation of ANTs similarity metric performance in brain image registration. *NeuroImage*, **2011**, 54, 2033-44	7.9	2213
6	An open source multivariate framework for n-tissue segmentation with evaluation on public data. *Neuroinformatics*, **2011**, 9, 381-400	3.2	340
5	Dementia induces correlated reductions in white matter integrity and cortical thickness: a multivariate neuroimaging study with sparse canonical correlation analysis. *NeuroImage*, **2010**, 50, 1004-16	7.9	140

4	N4ITK: improved N3 bias correction. *IEEE Transactions on Medical Imaging*, **2010**, 29, 1310-20	11.7	2457
3	Atlas-guided probabilistic diffusion-tensor fiber tractography **2008**,		4
2	Machine learning suggests polygenic contribution to cognitive dysfunction in amyotrophic lateral sclerosis		1
1	Longitudinal ComBat: A Method for Harmonizing Longitudinal Multi-scanner Imaging Data		2