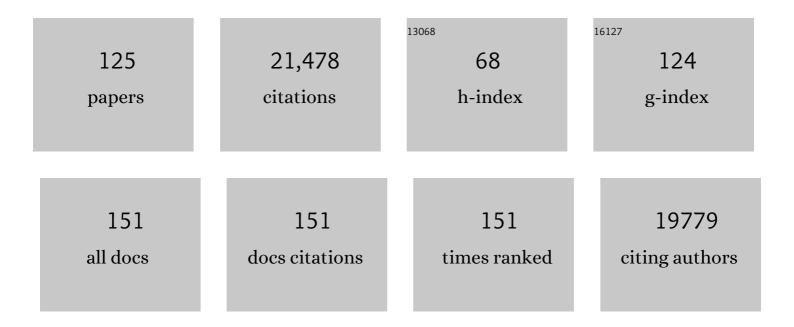
List of Publications by Year in descending order

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ALEY FORMITO

#	Article	IF	CITATIONS
1	Imaging Transcriptomics of Brain Disorders. Biological Psychiatry Global Open Science, 2022, 2, 319-331.	1.0	22
2	Early and late development of hub connectivity in the human brain. Current Opinion in Psychology, 2022, 44, 321-329.	2.5	12
3	Psychological resilience and neurodegenerative risk: A connectomicsâ€ŧranscriptomics investigation in healthy adolescent and middleâ€aged females. NeuroImage, 2022, 255, 119209.	2.1	3
4	Modeling spatial, developmental, physiological, and topological constraints on human brain connectivity. Science Advances, 2022, 8, .	4.7	37
5	A multivariate analysis of the association between corticostriatal functional connectivity and psychosis-like experiences in the general community. Psychiatry Research - Neuroimaging, 2021, 307, 111202.	0.9	8
6	Dynamical consequences of regional heterogeneity in the brain's transcriptional landscape. Science Advances, 2021, 7, .	4.7	69
7	Genetic influences on hub connectivity of the human connectome. Nature Communications, 2021, 12, 4237.	5.8	92
8	Where the genome meets the connectome: Understanding how genes shape human brain connectivity. Neurolmage, 2021, 244, 118570.	2.1	34
9	Task-evoked simultaneous FDG-PET and fMRI data for measurement of neural metabolism in the human visual cortex. Scientific Data, 2021, 8, 267.	2.4	2
10	Standardizing workflows in imaging transcriptomics with the abagen toolbox. ELife, 2021, 10, .	2.8	140
11	Timescales of spontaneous fMRI fluctuations relate to structural connectivity in the brain. Network Neuroscience, 2020, 4, 788-806.	1.4	38
12	Individual differences in haemoglobin concentration influence bold fMRI functional connectivity and its correlation with cognition. NeuroImage, 2020, 221, 117196.	2.1	19
13	The efficacy of different preprocessing steps in reducing motion-related confounds in diffusion MRI connectomics. NeuroImage, 2020, 222, 117252.	2.1	45
14	Simultaneous BOLD-fMRI and constant infusion FDG-PET data of the resting human brain. Scientific Data, 2020, 7, 363.	2.4	26
15	Uncovering the Transcriptional Correlates of Hub Connectivity in Neural Networks. Frontiers in Neural Circuits, 2019, 13, 47.	1.4	20
16	Characterizing and minimizing the contribution of sensory inputs to TMS-evoked potentials. Brain Stimulation, 2019, 12, 1537-1552.	0.7	113
17	Reproducibility in TMS–EEG studies: A call for data sharing, standard procedures and effective experimental control. Brain Stimulation, 2019, 12, 787-790.	0.7	106
18	Functional Connectivity of Corticostriatal Circuitry and Psychosis-like Experiences in the General Community. Biological Psychiatry, 2019, 86, 16-24.	0.7	44

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19	Neurodevelopmental correlates of the emerging adult self. Developmental Cognitive Neuroscience, 2019, 36, 100626.	1.9	15
20	The development of brain network hubs. Developmental Cognitive Neuroscience, 2019, 36, 100607.	1.9	156
21	Bridging the Gap between Connectome and Transcriptome. Trends in Cognitive Sciences, 2019, 23, 34-50.	4.0	245
22	A practical guide to linking brain-wide gene expression and neuroimaging data. Neurolmage, 2019, 189, 353-367.	2.1	422
23	Can antipsychotic dose reduction lead to better functional recovery in firstâ€episode psychosis? A randomized controlledâ€ŧrial of antipsychotic dose reduction. The reduce trial: Study protocol. Microbial Biotechnology, 2019, 13, 1345-1356.	0.9	19
24	Biophysical modeling of neural plasticity induced by transcranial magnetic stimulation. Clinical Neurophysiology, 2018, 129, 1230-1241.	0.7	42
25	Large-Scale Network Topology Reveals Heterogeneity in Individuals With at Risk Mental State for Psychosis: Findings From the Longitudinal Youth-at-Risk Study. Cerebral Cortex, 2018, 28, 4234-4243.	1.6	16
26	Computational Approaches to Understanding Mental Dysfunction: Progress, Challenges, and New Frontiers. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 728-730.	1.1	1
27	The effect of stimulation interval on plasticity following repeated blocks of intermittent theta burst stimulation. Scientific Reports, 2018, 8, 8526.	1.6	68
28	White Matter Disruptions in Schizophrenia Are Spatially Widespread and Topologically Converge on Brain Network Hubs. Schizophrenia Bulletin, 2017, 43, sbw100.	2.3	85
29	Structural connectome topology relates to regional BOLD signal dynamics in the mouse brain. Chaos, 2017, 27, 047405.	1.0	68
30	Dopamine, fronto-striato-thalamic circuits and risk for psychosis. Schizophrenia Research, 2017, 180, 48-57.	1.1	66
31	Opportunities and Challenges for Psychiatry in the Connectomic Era. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 9-19.	1.1	41
32	Connectome sensitivity or specificity: which is more important?. Neurolmage, 2016, 142, 407-420.	2.1	262
33	Graph Theoretic Analysis of Human Brain Networks. Neuromethods, 2016, , 283-314.	0.2	14
34	Brain functional correlates of emotion regulation across adolescence and young adulthood. Human Brain Mapping, 2016, 37, 7-19.	1.9	55
35	Australian Brain Alliance. Neuron, 2016, 92, 597-600.	3.8	18
36	A transcriptional signature of hub connectivity in the mouse connectome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1435-1440.	3.3	197

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37	Emotion processing fails to modulate putative mirror neuron response to trained visuomotor associations. Neuropsychologia, 2016, 84, 7-13.	0.7	4
38	Dysfunctional Striatal Systems in Treatment-Resistant Schizophrenia. Neuropsychopharmacology, 2016, 41, 1274-1285.	2.8	46
39	The connectomics of brain disorders. Nature Reviews Neuroscience, 2015, 16, 159-172.	4.9	1,315
40	Gross morphological brain changes with chronic, heavy cannabis use. British Journal of Psychiatry, 2015, 206, 77-78.	1.7	74
41	Selective Augmentation of Striatal Functional Connectivity Following NMDA Receptor Antagonism: Implications for Psychosis. Neuropsychopharmacology, 2015, 40, 622-631.	2.8	42
42	Functional dysconnectivity of corticostriatal circuitry and differential response to methylphenidate in youth with attention-deficit/hyperactivity disorder. Journal of Psychiatry and Neuroscience, 2015, 40, 46-57.	1.4	55
43	Cortico-limbic network abnormalities in individuals with current and past major depressive disorder. Journal of Affective Disorders, 2015, 173, 45-52.	2.0	42
44	Developmental Changes in Brain Network Hub Connectivity in Late Adolescence. Journal of Neuroscience, 2015, 35, 9078-9087.	1.7	134
45	Delayed Development of Brain Connectivity in Adolescents With Schizophrenia and Their Unaffected Siblings. JAMA Psychiatry, 2015, 72, 900.	6.0	80
46	Left anterior cingulate activity predicts intra-individual reaction time variability in healthy adults. Neuropsychologia, 2015, 72, 22-26.	0.7	36
47	Lack of Evidence for Regional Brain Volume or Cortical Thickness Abnormalities in Youths at Clinical High Risk for Psychosis: Findings From the Longitudinal Youth at Risk Study: Table 1 Schizophrenia Bulletin, 2015, 41, 1285-1293.	2.3	51
48	The effect of a muscarinic receptor 1 gene variant on grey matter volume in schizophrenia. Psychiatry Research - Neuroimaging, 2015, 234, 182-187.	0.9	13
49	Reduced frontal white matter volume in children with early onset of adrenarche. Psychoneuroendocrinology, 2015, 52, 111-118.	1.3	23
50	Connectomics: A new paradigm for understanding brain disease. European Neuropsychopharmacology, 2015, 25, 733-748.	0.3	187
51	Reconciling abnormalities of brain network structure and function in schizophrenia. Current Opinion in Neurobiology, 2015, 30, 44-50.	2.0	131
52	Time-resolved resting-state brain networks. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10341-10346.	3.3	716
53	Disruption of brain white matter microstructure in women with anorexia nervosa. Journal of Psychiatry and Neuroscience, 2014, 39, 367-375.	1.4	61
54	Brain Networks in Schizophrenia. Neuropsychology Review, 2014, 24, 32-48.	2.5	426

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55	Altered Striatal Functional Connectivity in Subjects With an At-Risk Mental State for Psychosis. Schizophrenia Bulletin, 2014, 40, 904-913.	2.3	152
56	Large-Scale Brain Network Dynamics Supporting Adolescent Cognitive Control. Journal of Neuroscience, 2014, 34, 14096-14107.	1.7	112
57	Abnormal Structural Networks Characterize Major Depressive Disorder: A Connectome Analysis. Biological Psychiatry, 2014, 76, 567-574.	0.7	293
58	Connectomic Disturbances in Attention-Deficit/Hyperactivity Disorder: A Whole-Brain Tractography Analysis. Biological Psychiatry, 2014, 76, 656-663.	0.7	89
59	The Association between Regular Cannabis Exposure and Alterations of Human Brain Morphology: An Updated Review of the Literature. Current Pharmaceutical Design, 2014, 20, 2138-2167.	0.9	80
60	Dynamic cooperation and competition between brain systems during cognitive control. Trends in Cognitive Sciences, 2013, 17, 493-501.	4.0	379
61	A systematic review of diffusion weighted MRI studies of white matter microstructure in adolescent substance users. Neuroscience and Biobehavioral Reviews, 2013, 37, 1713-1723.	2.9	55
62	The Impact of Regular Cannabis Use on the Human Brain. , 2013, , 711-728.		1
63	Graph analysis of the human connectome: Promise, progress, and pitfalls. NeuroImage, 2013, 80, 426-444.	2.1	677
64	Decreased Functional Brain Connectivity in Adolescents with Internet Addiction. PLoS ONE, 2013, 8, e57831.	1.1	133
65	Functional Dysconnectivity of Corticostriatal Circuitry as a Risk Phenotype for Psychosis. JAMA Psychiatry, 2013, 70, 1143.	6.0	233
66	Brain functional connectivity during induced sadness in patients with obsessive–compulsive disorder. Journal of Psychiatry and Neuroscience, 2012, 37, 231-240.	1.4	17
67	Brain Connectivity and Mental Illness. Frontiers in Psychiatry, 2012, 3, 72.	1.3	29
68	Inhibitory control in young adolescents: The role of sex, intelligence, and temperament Neuropsychology, 2012, 26, 347-356.	1.0	23
69	The Impact of Cannabis Use on Cognitive Functioning in Patients With Schizophrenia: A Meta-analysis of Existing Findings and New Data in a First-Episode Sample. Schizophrenia Bulletin, 2012, 38, 316-330.	2.3	219
70	Alterations in regional homogeneity of resting-state brain activity in ketamine addicts. Neuroscience Letters, 2012, 522, 36-40.	1.0	47
71	Brain functional connectivity in stimulant drug dependence and obsessive–compulsive disorder. NeuroImage, 2012, 59, 1461-1468.	2.1	63
72	Schizophrenia, neuroimaging and connectomics. NeuroImage, 2012, 62, 2296-2314.	2.1	640

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73	Connectivity differences in brain networks. NeuroImage, 2012, 60, 1055-1062.	2.1	233
74	On the use of correlation as a measure of network connectivity. NeuroImage, 2012, 60, 2096-2106.	2.1	364
75	Connectomic Intermediate Phenotypes for Psychiatric Disorders. Frontiers in Psychiatry, 2012, 3, 32.	1.3	90
76	Functional alterations of largeâ€scale brain networks related to cognitive control in obsessiveâ€compulsive disorder. Human Brain Mapping, 2012, 33, 1089-1106.	1.9	76
77	The relationship between regional and interâ€regional functional connectivity deficits in schizophrenia. Human Brain Mapping, 2012, 33, 2535-2549.	1.9	96
78	Competitive and cooperative dynamics of large-scale brain functional networks supporting recollection. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12788-12793.	3.3	486
79	White matter microstructure in opiate addiction. Addiction Biology, 2012, 17, 141-148.	1.4	114
80	Gray matter abnormalities in Major Depressive Disorder: A meta-analysis of voxel based morphometry studies. Journal of Affective Disorders, 2012, 138, 9-18.	2.0	638
81	Abnormal Anatomical Connectivity between the Amygdala and Orbitofrontal Cortex in Conduct Disorder. PLoS ONE, 2012, 7, e48789.	1.1	109
82	Disrupted Axonal Fiber Connectivity in Schizophrenia. Biological Psychiatry, 2011, 69, 80-89.	0.7	404
83	Structural Magnetic Resonance Imaging in Bipolar Disorder: An International Collaborative Mega-Analysis of Individual Adult Patient Data. Biological Psychiatry, 2011, 69, 326-335.	0.7	271
84	General and Specific Functional Connectivity Disturbances in First-Episode Schizophrenia During Cognitive Control Performance. Biological Psychiatry, 2011, 70, 64-72.	0.7	255
85	Neuroanatomical abnormalities in schizophrenia: A multimodal voxelwise meta-analysis and meta-regression analysis. Schizophrenia Research, 2011, 127, 46-57.	1.1	394
86	Genetic Influences on Cost-Efficient Organization of Human Cortical Functional Networks. Journal of Neuroscience, 2011, 31, 3261-3270.	1.7	273
87	Executive control among adolescent inhalant and cannabis users. Drug and Alcohol Review, 2011, 30, 629-637.	1.1	43
88	A Specific Brain Structural Basis for Individual Differences in Reality Monitoring. Journal of Neuroscience, 2011, 31, 14308-14313.	1.7	91
89	White matter microstructure in patients with obsessive–compulsive disorder. Journal of Psychiatry and Neuroscience, 2011, 36, 42-46.	1.4	64
90	What can spontaneous fluctuations of the blood oxygenation-level-dependent signal tell us about psychiatric disorders?. Current Opinion in Psychiatry, 2010, 23, 239-249.	3.1	137

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91	Network scaling effects in graph analytic studies of human resting-state fMRI data. Frontiers in Systems Neuroscience, 2010, 4, 22.	1.2	338
92	White-matter abnormalities in adolescents with long-term inhalant and cannabis use: a diffusion magnetic resonance imaging study. Journal of Psychiatry and Neuroscience, 2010, 35, 409-412.	1.4	77
93	Voxelwise Meta-Analysis of Gray Matter Abnormalities in Bipolar Disorder. Biological Psychiatry, 2010, 67, 1097-1105.	0.7	348
94	NEUROANATOMICAL CHANGES ACROSS THE COURSE OF SCHIZOPHRENIA AND BIPOLAR DISORDER. Schizophrenia Research, 2010, 117, 128.	1.1	0
95	Network-based statistic: Identifying differences in brain networks. NeuroImage, 2010, 53, 1197-1207.	2.1	2,098
96	Whole-brain anatomical networks: Does the choice of nodes matter?. NeuroImage, 2010, 50, 970-983.	2.1	1,072
97	Neurobiologicalendophenotypes of psychosis and schizophrenia. , 2009, , 61-80.		7
98	Hierarchical modularity in human brain functional networks. Frontiers in Neuroinformatics, 2009, 3, 37.	1.3	522
99	Anterior cingulate cortex abnormalities associated with a first psychotic episode in bipolar disorder. British Journal of Psychiatry, 2009, 194, 426-433.	1.7	59
100	Variations in cortical folding patterns are related to individual differences in temperament. Psychiatry Research - Neuroimaging, 2009, 172, 68-74.	0.9	44
101	Pituitary gland volume in currently depressed and remitted depressed patients. Psychiatry Research - Neuroimaging, 2009, 172, 55-60.	0.9	30
102	Anterior cingulate volume in adolescents with first-presentation borderline personality disorder. Psychiatry Research - Neuroimaging, 2009, 172, 155-160.	0.9	80
103	A DTI-Derived Measure of Cortico-Cortical Connectivity. IEEE Transactions on Medical Imaging, 2009, 28, 1023-1036.	5.4	128
104	Structural brain abnormalities in major depressive disorder: A selective review of recent MRI studies. Journal of Affective Disorders, 2009, 117, 1-17.	2.0	519
105	Neurobiological Markers of Illness Onset in Psychosis and Schizophrenia: The Search for a Moving Target. Neuropsychology Review, 2009, 19, 385-398.	2.5	129
106	Anatomical Abnormalities of the Anterior Cingulate Cortex in Schizophrenia: Bridging the Gap Between Neuroimaging and Neuropathology. Schizophrenia Bulletin, 2009, 35, 973-993.	2.3	218
107	Generic aspects of complexity in brain imaging data and other biological systems. NeuroImage, 2009, 47, 1125-1134.	2.1	126
108	Reconciling neuroimaging and neuropathological findings in schizophrenia and bipolar disorder. Current Opinion in Psychiatry, 2009, 22, 312-319.	3.1	61

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109	Variability of the paracingulate sulcus and morphometry of the medial frontal cortex: Associations with cortical thickness, surface area, volume, and sulcal depth. Human Brain Mapping, 2008, 29, 222-236.	1.9	106
110	Surface-based morphometry of the anterior cingulate cortex in first episode schizophrenia. Human Brain Mapping, 2008, 29, 478-489.	1.9	107
111	Anatomical abnormalities of the anterior cingulate and paracingulate cortex in patients with bipolar I disorder. Psychiatry Research - Neuroimaging, 2008, 162, 123-132.	0.9	70
112	Abnormal white matter microstructure in schizophrenia: A voxelwise analysis of axial and radial diffusivity. Schizophrenia Research, 2008, 101, 106-110.	1.1	111
113	Anatomic Abnormalities of the Anterior Cingulate Cortex Before Psychosis Onset: An MRI Study of Ultra-High-Risk Individuals. Biological Psychiatry, 2008, 64, 758-765.	0.7	169
114	Anterior Cingulate Glutamate–Glutamine Levels Predict Symptom Severity in Women With Obsessive–Compulsive Disorder. Australian and New Zealand Journal of Psychiatry, 2008, 42, 467-477.	1.3	108
115	Regional Brain Abnormalities Associated With Long-term Heavy Cannabis Use. Archives of General Psychiatry, 2008, 65, 694.	13.8	410
116	Neuroanatomical Correlates of Temperament in Early Adolescents. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 682-693.	0.3	69
117	Prefrontal and amygdala volumes are related to adolescents' affective behaviors during parent–adolescent interactions. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3652-3657.	3.3	90
118	Modulation of Brain Resting-State Networks by Sad Mood Induction. PLoS ONE, 2008, 3, e1794.	1.1	181
119	Progressive Changes in the Development Toward Schizophrenia: Studies in Subjects at Increased Symptomatic Risk. Schizophrenia Bulletin, 2007, 34, 322-329.	2.3	169
120	A Tale of Two Cities: A Neuroimaging Investigation of Melbourne–Sydney Rivalry Comparing Cortical Thickness in Healthy Adults. Australasian Psychiatry, 2007, 15, 67-71.	0.4	1
121	Functional and Biochemical Alterations of the Medial Frontal Cortex in Obsessive-Compulsive Disorder. Archives of General Psychiatry, 2007, 64, 946.	13.8	227
122	State, trait and biochemical influences on human anterior cingulate function. NeuroImage, 2007, 34, 1766-1773.	2.1	25
123	Evidence for neuronal dysfunction in the anterior cingulate of patients with schizophrenia: A proton magnetic resonance spectroscopy study at 3ÂT. Schizophrenia Research, 2007, 94, 328-331.	1.1	58
124	The influence of sulcal variability on morphometry of the human anterior cingulate and paracingulate cortex. NeuroImage, 2006, 33, 843-854.	2.1	104
125	Morphology of the paracingulate sulcus and executive cognition in schizophrenia. Schizophrenia Research, 2006, 88, 192-197.	1.1	64