

E T Bullmore

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

644
papers

94,923
citations

152
h-index

295
g-index

724
ext. papers

110,777
ext. citations

7.2
avg, IF

8.41
L-index

#	Paper	IF	Citations
644	Immune targets for therapeutic development in depression: towards precision medicine.. <i>Nature Reviews Drug Discovery</i> , 2022 ,	64.1	5
643	Higher-Order Brain Regions Show Shifts in Structural Covariance in Adolescent Marmosets.. <i>Cerebral Cortex</i> , 2022 ,	5.1	1
642	Prefrontal connectomics: from anatomy to human imaging. <i>Neuropsychopharmacology</i> , 2022 , 47, 20-40	8.7	6
641	Brain charts for the human lifespan.. <i>Nature</i> , 2022 ,	50.4	15
640	Associations between COVID-19 pandemic impact, dimensions of behavior and eating disorders: A longitudinal UK-based study.. <i>Comprehensive Psychiatry</i> , 2022 , 115, 152304	7.3	0
639	Choroid plexus enlargement is associated with neuroinflammation and reduction of blood brain barrier permeability in depression.. <i>NeuroImage: Clinical</i> , 2021 , 33, 102926	5.3	4
638	Assigning the right credit to the wrong action: compulsivity in the general population is associated with augmented outcome-irrelevant value-based learning. <i>Translational Psychiatry</i> , 2021 , 11, 564	8.6	
637	Stratification of adolescents across mental phenomena emphasizes the importance of transdiagnostic distress: a replication in two general population cohorts. <i>European Child and Adolescent Psychiatry</i> , 2021 , 1	5.5	0
636	Multi-Round Trust Game Quantifies Inter-Individual Differences in Social Exchange from Adolescence to Adulthood. <i>Computational Psychiatry</i> , 2021 , 5, 102-118	3.8	2
635	Functional Magnetic Resonance Imaging Connectivity Accurately Distinguishes Cases With Psychotic Disorders From Healthy Controls, Based on Cortical Features Associated With Brain Network Development. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 1125-1134	3.4	1
634	An expanding manifold in transmodal regions characterizes adolescent reconfiguration of structural connectome organization. <i>ELife</i> , 2021 , 10,	8.9	13
633	The influence of comorbid depression and overweight status on peripheral inflammation and cortisol levels. <i>Psychological Medicine</i> , 2021 , 1-8	6.9	3
632	Examining the Boundary Sharpness Coefficient as an Index of Cortical Microstructure in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2021 , 31, 3338-3352	5.1	2
631	Morphological integration of the human brain across adolescence and adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	7
630	[11C]PK11195-PET Brain Imaging of the Mitochondrial Translocator Protein in Mitochondrial Disease. <i>Neurology</i> , 2021 ,	6.5	3
629	Set-shifting-related basal ganglia deformation as a novel familial marker of obsessive-compulsive disorder.. <i>British Journal of Psychiatry</i> , 2021 , 1-4	5.4	2
628	Examining the relationship between altered brain functional connectome and disinhibition across 33 impulsive and compulsive behaviours.. <i>British Journal of Psychiatry</i> , 2021 , 1-3	5.4	1

627	Challenges and opportunities for conducting a vaccine trial during the COVID-19 pandemic in the United Kingdom. <i>Clinical Trials</i> , 2021 , 18, 615-621	2.2	0
626	Preference uncertainty accounts for developmental effects on susceptibility to peer influence in adolescence. <i>Nature Communications</i> , 2021 , 12, 3823	17.4	1
625	Bridging Brain and Cognition: A Multilayer Network Analysis of Brain Structural Covariance and General Intelligence in a Developmental Sample of Struggling Learners. <i>Journal of Intelligence</i> , 2021 , 9,	2.4	4
624	Decision-making ability, psychopathology, and brain connectivity. <i>Neuron</i> , 2021 , 109, 2025-2040.e7	13.9	4
623	A generative network model of neurodevelopmental diversity in structural brain organization. <i>Nature Communications</i> , 2021 , 12, 4216	17.4	7
622	Regional White Matter Scaling in the Human Brain. <i>Journal of Neuroscience</i> , 2021 , 41, 7015-7028	6.6	0
621	Impaired Learning From Negative Feedback in Stimulant Use Disorder: Dopaminergic Modulation. <i>International Journal of Neuropsychopharmacology</i> , 2021 , 24, 867-878	5.8	1
620	Increased serum peripheral C-reactive protein is associated with reduced brain barriers permeability of TSPO radioligands in healthy volunteers and depressed patients: implications for inflammation and depression. <i>Brain, Behavior, and Immunity</i> , 2021 , 91, 487-497	16.6	18
619	Examining volumetric gradients based on the frustum surface ratio in the brain in autism spectrum disorder. <i>Human Brain Mapping</i> , 2021 , 42, 953-966	5.9	0
618	Atypical measures of diffusion at the gray-white matter boundary in autism spectrum disorder in adulthood. <i>Human Brain Mapping</i> , 2021 , 42, 467-484	5.9	3
617	Brain micro-architecture and disinhibition: a latent phenotyping study across 33 impulsive and compulsive behaviours. <i>Neuropsychopharmacology</i> , 2021 , 46, 423-431	8.7	5
616	Invited Review: The spectrum of neuropathology in COVID-19. <i>Neuropathology and Applied Neurobiology</i> , 2021 , 47, 3-16	5.2	56
615	The Human Brain Is Best Described as Being on a Female/Male Continuum: Evidence from a Neuroimaging Connectivity Study. <i>Cerebral Cortex</i> , 2021 , 31, 3021-3033	5.1	5
614	No evidence for differential gene expression in major depressive disorder PBMCs, but robust evidence of elevated biological ageing. <i>Translational Psychiatry</i> , 2021 , 11, 404	8.6	3
613	A Modest Increase in C-PK11195-Positron Emission Tomography TSPO Binding in Depression Is Not Associated With Serum C-Reactive Protein or Body Mass Index. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 716-724	3.4	6
612	Grey and white matter microstructure is associated with polygenic risk for schizophrenia. <i>Molecular Psychiatry</i> , 2021 ,	15.1	5
611	Sensory, somatomotor and internal mentation networks emerge dynamically in the resting brain with internal mentation predominating in older age. <i>NeuroImage</i> , 2021 , 237, 118188	7.9	0
610	Basic Concepts in Immunobiology 2021 , 1-24		

609	Peripheral inflammation is associated with micro-structural and functional connectivity changes in depression-related brain networks. <i>Molecular Psychiatry</i> , 2021 ,	15.1	4
608	Immunotherapies for Depression 2021 , 139-163		
607	Depression and the Adaptive Immune System 2021 , 292-308		
606	B-cells are abnormal in psychosocial stress and regulate meningeal myeloid cell activation. <i>Brain, Behavior, and Immunity</i> , 2021 , 97, 226-238	16.6	5
605	Dysconnectivity of a brain functional network was associated with blood inflammatory markers in depression. <i>Brain, Behavior, and Immunity</i> , 2021 , 98, 299-309	16.6	5
604	Methylome-wide association study of antidepressant use in Generation Scotland and the Netherlands Twin Register implicates the innate immune system. <i>Molecular Psychiatry</i> , 2021 ,	15.1	1
603	Mental health services for infectious disease outbreaks including COVID-19: a rapid systematic review. <i>Psychological Medicine</i> , 2020 , 50, 2498-2513	6.9	17
602	How do the prevalence and relative risk of non-suicidal self-injury and suicidal thoughts vary across the population distribution of common mental distress (the p factor)? Observational analyses replicated in two independent UK cohorts of young people. <i>BMJ Open</i> , 2020 , 10, e032494	3	3
601	The scope of mental health research during the COVID-19 pandemic and its aftermath. <i>British Journal of Psychiatry</i> , 2020 , 217, 540-542	5.4	39
600	Disturbances across whole brain networks during reward anticipation in an abstinent addiction population. <i>NeuroImage: Clinical</i> , 2020 , 27, 102297	5.3	5
599	Brain networks underlying vulnerability and resilience to drug addiction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 15253-15261	11.5	35
598	Neurocomputational mechanisms underpinning aberrant social learning in young adults with low self-esteem. <i>Translational Psychiatry</i> , 2020 , 10, 96	8.6	7
597	Conservative and disruptive modes of adolescent change in human brain functional connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 3248-3253	11.5	52
596	Multidisciplinary research priorities for the COVID-19 pandemic - AuthorsPreply. <i>Lancet Psychiatry</i> , 2020 , 7, e44-e45	23.3	24
595	Transcriptomic and cellular decoding of regional brain vulnerability to neurogenetic disorders. <i>Nature Communications</i> , 2020 , 11, 3358	17.4	35
594	Reinforcement learning as an intermediate phenotype in psychosis? Deficits sensitive to illness stage but not associated with polygenic risk of schizophrenia in the general population. <i>Schizophrenia Research</i> , 2020 , 222, 389-396	3.6	4
593	Birth weight, family history of diabetes and diabetes onset in schizophrenia. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	4
592	Multi-subject Stochastic Blockmodels for adaptive analysis of individual differences in human brain network cluster structure. <i>NeuroImage</i> , 2020 , 220, 116611	7.9	4

591	Greater cortical thickness in individuals with ASD. <i>Molecular Psychiatry</i> , 2020 , 25, 507-508	15.1	1
590	Reorganisation of Brain Hubs across Altered States of Consciousness. <i>Scientific Reports</i> , 2020 , 10, 3402	4.9	7
589	Getting Below the Surface of Behavioral Symptoms in Psychiatry. <i>Biological Psychiatry</i> , 2020 , 87, 316-317.9		2
588	Multidisciplinary research priorities for the COVID-19 pandemic: a call for action for mental health science. <i>Lancet Psychiatry</i> , 2020 , 7, 547-560	23.3	2516
587	Early-life stress and inflammation: A systematic review of a key experimental approach in rodents. <i>Brain and Neuroscience Advances</i> , 2020 , 4, 2398212820978049	4	17
586	Intrinsic excitation-inhibition imbalance affects medial prefrontal cortex differently in autistic men versus women. <i>ELife</i> , 2020 , 9,	8.9	37
585	White matter tract myelin maturation and its association with general psychopathology in adolescence and early adulthood. <i>Human Brain Mapping</i> , 2020 , 41, 827-839	5.9	19
584	Integrating machine learning and multimodal neuroimaging to detect schizophrenia at the level of the individual. <i>Human Brain Mapping</i> , 2020 , 41, 1119-1135	5.9	23
583	Schizotypy-Related Magnetization of Cortex in Healthy Adolescence Is Colocated With Expression of Schizophrenia-Related Genes. <i>Biological Psychiatry</i> , 2020 , 88, 248-259	7.9	24
582	Multiple Holdouts With Stability: Improving the Generalizability of Machine Learning Analyses of Brain-Behavior Relationships. <i>Biological Psychiatry</i> , 2020 , 87, 368-376	7.9	11
581	Childhood trauma, HPA axis activity and antidepressant response in patients with depression. <i>Brain, Behavior, and Immunity</i> , 2020 , 87, 229-237	16.6	30
580	Peripheral Blood Cell-Stratified Subgroups of Inflamed Depression. <i>Biological Psychiatry</i> , 2020 , 88, 185-196		50
579	The early impact of COVID-19 on mental health and community physical health services and their patients' mortality in Cambridgeshire and Peterborough, UK. <i>Journal of Psychiatric Research</i> , 2020 , 131, 244-254	5.2	57
578	Compulsivity is linked to reduced adolescent development of goal-directed control and frontostriatal functional connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25911-25922	11.5	9
577	Major Depressive Disorder Is Associated With Differential Expression of Innate Immune and Neutrophil-Related Gene Networks in Peripheral Blood: A Quantitative Review of Whole-Genome Transcriptional Data From Case-Control Studies. <i>Biological Psychiatry</i> , 2020 , 88, 625-637	7.9	21
576	Whole-blood expression of inflammasome- and glucocorticoid-related mRNAs correctly separates treatment-resistant depressed patients from drug-free and responsive patients in the BIODEP study. <i>Translational Psychiatry</i> , 2020 , 10, 232	8.6	36
575	Large-scale analyses of the relationship between sex, age and intelligence quotient heterogeneity and cortical morphometry in autism spectrum disorder. <i>Molecular Psychiatry</i> , 2020 , 25, 614-628	15.1	64
574	Sex-specific impact of prenatal androgens on social brain default mode subsystems. <i>Molecular Psychiatry</i> , 2020 , 25, 2175-2188	15.1	18

573	Inhibition-Related Cortical Hypoconnectivity as a Candidate Vulnerability Marker for Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020 , 5, 222-230	3.4	6
572	Towards Precision Medicine in Psychosis: Benefits and Challenges of Multimodal Multicenter Studies-PSYSCAN: Translating Neuroimaging Findings From Research into Clinical Practice. <i>Schizophrenia Bulletin</i> , 2020 , 46, 432-441	1.3	34
571	Detecting schizophrenia at the level of the individual: relative diagnostic value of whole-brain images, connectome-wide functional connectivity and graph-based metrics. <i>Psychological Medicine</i> , 2020 , 50, 1852-1861	6.9	32
570	Effects of immunomodulatory drugs on depressive symptoms: A mega-analysis of randomized, placebo-controlled clinical trials in inflammatory disorders. <i>Molecular Psychiatry</i> , 2020 , 25, 1275-1285	15.1	54
569	Childhood socio-economic disadvantage predicts reduced myelin growth across adolescence and young adulthood. <i>Human Brain Mapping</i> , 2020 , 41, 3392-3402	5.9	16
568	Dopaminergic drug treatment remediates exaggerated cingulate prediction error responses in obsessive-compulsive disorder. <i>Psychopharmacology</i> , 2019 , 236, 2325-2336	4.7	17
567	Microstructural and functional gradients are increasingly dissociated in transmodal cortices. <i>PLoS Biology</i> , 2019 , 17, e3000284	9.7	131
566	Compulsivity and impulsivity traits linked to attenuated developmental frontostriatal myelination trajectories. <i>Nature Neuroscience</i> , 2019 , 22, 992-999	25.5	51
565	Cortical patterning of abnormal morphometric similarity in psychosis is associated with brain expression of schizophrenia-related genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9604-9609	11.5	70
564	Fractionation of impulsive and compulsive trans-diagnostic phenotypes and their longitudinal associations. <i>Australian and New Zealand Journal of Psychiatry</i> , 2019 , 53, 896-907	2.6	21
563	The oxytocin receptor gene predicts brain activity during an emotion recognition task in autism. <i>Molecular Autism</i> , 2019 , 10, 12	6.5	17
562	Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	45
561	Effects of familial risk and stimulant drug use on the anticipation of monetary reward: an fMRI study. <i>Translational Psychiatry</i> , 2019 , 9, 65	8.6	13
560	Treatment-resistant depression and peripheral C-reactive protein. <i>British Journal of Psychiatry</i> , 2019 , 214, 11-19	5.4	152
559	Brain-behaviour modes of covariation in healthy and clinically depressed young people. <i>Scientific Reports</i> , 2019 , 9, 11536	4.9	10
558	Structural brain network of gifted children has a more integrated and versatile topology. <i>Brain Structure and Function</i> , 2019 , 224, 2373-2383	4	18
557	Enhancement of indirect functional connections with shortest path length in the adult autistic brain. <i>Human Brain Mapping</i> , 2019 , 40, 5354-5369	5.9	7
556	Shifts in myeloarchitecture characterise adolescent development of cortical gradients. <i>ELife</i> , 2019 , 8,	8.9	39

555	Author response: Shifts in myeloarchitecture characterise adolescent development of cortical gradients 2019 ,		3
554	Strong and specific associations between cardiovascular risk factors and white matter micro- and macrostructure in healthy aging. <i>Neurobiology of Aging</i> , 2019 , 74, 46-55	5.6	25
553	Naltrexone differentially modulates the neural correlates of motor impulse control in abstinent alcohol-dependent and polysubstance-dependent individuals. <i>European Journal of Neuroscience</i> , 2019 , 50, 2311-2321	3.5	5
552	Waves of Maturation and Senescence in Micro-structural MRI Markers of Human Cortical Myelination over the Lifespan. <i>Cerebral Cortex</i> , 2019 , 29, 1369-1381	5.1	47
551	Neural self-representation in autistic women and association with compensatory camouflaging. <i>Autism</i> , 2019 , 23, 1210-1223	6.6	49
550	Synaptic and transcriptionally downregulated genes are associated with cortical thickness differences in autism. <i>Molecular Psychiatry</i> , 2019 , 24, 1053-1064	15.1	64
549	Low-dimensional morphospace of topological motifs in human fMRI brain networks. <i>Network Neuroscience</i> , 2018 , 2, 285-302	5.6	13
548	Effects of anti-inflammatory drugs on the expression of tryptophan-metabolism genes by human macrophages. <i>Journal of Leukocyte Biology</i> , 2018 , 103, 681-692	6.5	15
547	Probabilistic thresholding of functional connectomes: Application to schizophrenia. <i>NeuroImage</i> , 2018 , 172, 326-340	7.9	29
546	Morphometric Similarity Networks Detect Microscale Cortical Organization and Predict Inter-Individual Cognitive Variation. <i>Neuron</i> , 2018 , 97, 231-247.e7	13.9	149
545	Structural covariance networks are coupled to expression of genes enriched in supragranular layers of the human cortex. <i>NeuroImage</i> , 2018 , 171, 256-267	7.9	101
544	Adolescent Tuning of Association Cortex in Human Structural Brain Networks. <i>Cerebral Cortex</i> , 2018 , 28, 281-294	5.1	84
543	A Network Neuroscience Approach to Typical and Atypical Brain Development. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 754-766	3.4	25
542	Naltrexone ameliorates functional network abnormalities in alcohol-dependent individuals. <i>Addiction Biology</i> , 2018 , 23, 425-436	4.6	23
541	Replicable and Coupled Changes in Innate and Adaptive Immune Gene Expression in Two Case-Control Studies of Blood Microarrays in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2018 , 83, 70-80	7.9	102
540	Mapping Compulsivity in the DSM-5 Obsessive Compulsive and Related Disorders: Cognitive Domains, Neural Circuitry, and Treatment. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 42-58	5.8	107
539	Abnormal reward prediction-error signalling in antipsychotic naive individuals with first-episode psychosis or clinical risk for psychosis. <i>Neuropsychopharmacology</i> , 2018 , 43, 1691-1699	8.7	27
538	Personality dimensions emerging during adolescence and young adulthood are underpinned by a single latent trait indexing impairment in social functioning. <i>BMC Psychiatry</i> , 2018 , 18, 23	4.2	7

537	Evidence for a Long-Lasting Compulsive Alcohol Seeking Phenotype in Rats. <i>Neuropsychopharmacology</i> , 2018 , 43, 728-738	8.7	45
536	Developmental cognitive neuroscience using latent change score models: A tutorial and applications. <i>Developmental Cognitive Neuroscience</i> , 2018 , 33, 99-117	5.5	138
535	Change, stability, and instability in the Pavlovian guidance of behaviour from adolescence to young adulthood. <i>PLoS Computational Biology</i> , 2018 , 14, e1006679	5	20
534	The art of medicine: Inflamed depression. <i>Lancet, The</i> , 2018 , 392, 1189-1190	4.0	21
533	Trajectories and Milestones of Cortical and Subcortical Development of the Marmoset Brain From Infancy to Adulthood. <i>Cerebral Cortex</i> , 2018 , 28, 4440-4453	5.1	28
532	Cohort Profile: The NSPN 2400 Cohort: a developmental sample supporting the Wellcome Trust NeuroScience in Psychiatry Network. <i>International Journal of Epidemiology</i> , 2018 , 47, 18-19g	7.8	48
531	Dopamine and memory dedifferentiation in aging. <i>NeuroImage</i> , 2017 , 153, 211-220	7.9	33
530	In Vivo Evidence of Reduced Integrity of the Gray-White Matter Boundary in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2017 , 27, 877-887	5.1	27
529	Micro-connectomics: probing the organization of neuronal networks at the cellular scale. <i>Nature Reviews Neuroscience</i> , 2017 , 18, 131-146	13.5	60
528	Association Between the Probability of Autism Spectrum Disorder and Normative Sex-Related Phenotypic Diversity in Brain Structure. <i>JAMA Psychiatry</i> , 2017 , 74, 329-338	14.5	41
527	Adolescent friendships predict later resilient functioning across psychosocial domains in a healthy community cohort. <i>Psychological Medicine</i> , 2017 , 47, 2312-2322	6.9	88
526	Structural Covariance Networks in Children with Autism or ADHD. <i>Cerebral Cortex</i> , 2017 , 27, 4267-4276	5.1	57
525	Comparison of large-scale human brain functional and anatomical networks in schizophrenia. <i>NeuroImage: Clinical</i> , 2017 , 15, 439-448	5.3	37
524	Atomoxetine effects on attentional bias to drug-related cues in cocaine dependent individuals. <i>Psychopharmacology</i> , 2017 , 234, 2289-2297	4.7	12
523	Parsing Anatomical Dysconnectivity in Psychosis. <i>Biological Psychiatry</i> , 2017 , 82, 700-701	7.9	
522	Characterising the latent structure and organisation of self-reported thoughts, feelings and behaviours in adolescents and young adults. <i>PLoS ONE</i> , 2017 , 12, e0175381	3.7	28
521	Repeated exposure to systemic inflammation and risk of new depressive symptoms among older adults. <i>Translational Psychiatry</i> , 2017 , 7, e1208	8.6	33
520	Versatility of nodal affiliation to communities. <i>Scientific Reports</i> , 2017 , 7, 4273	4.9	17

519	Do Not Adjust Your Mind: The Fault Is in Your Glia. <i>Cell Stem Cell</i> , 2017 , 21, 155-156	18	
518	Mutualistic Coupling Between Vocabulary and Reasoning Supports Cognitive Development During Late Adolescence and Early Adulthood. <i>Psychological Science</i> , 2017 , 28, 1419-1431	7.9	51
517	On the brain structure heterogeneity of autism: Parsing out acquisition site effects with significance-weighted principal component analysis. <i>Human Brain Mapping</i> , 2017 , 38, 1208-1223	5.9	27
516	Specific Frontostriatal Circuits for Impaired Cognitive Flexibility and Goal-Directed Planning in Obsessive-Compulsive Disorder: Evidence From Resting-State Functional Connectivity. <i>Biological Psychiatry</i> , 2017 , 81, 708-717	7.9	151
515	Enhancing the Informativeness and Replicability of Imaging Genomics Studies. <i>Biological Psychiatry</i> , 2017 , 82, 157-164	7.9	35
514	Quantitative evaluation of simulated functional brain networks in graph theoretical analysis. <i>NeuroImage</i> , 2017 , 146, 724-733	7.9	20
513	Small-World Brain Networks Revisited. <i>Neuroscientist</i> , 2017 , 23, 499-516	7.6	303
512	Acute naltrexone does not remediate fronto-striatal disturbances in alcoholic and alcoholic polysubstance-dependent populations during a monetary incentive delay task. <i>Addiction Biology</i> , 2017 , 22, 1576-1589	4.6	15
511	Opportunities and Challenges for Psychiatry in the Connectomic Era. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017 , 2, 9-19	3.4	29
510	Adolescent Major Depressive Disorder: Neuroimaging Evidence of Sex Difference during an Affective Go/No-Go Task. <i>Frontiers in Psychiatry</i> , 2017 , 8, 119	5	12
509	Aberrant brain responses to emotionally valent words is normalised after cognitive behavioural therapy in female depressed adolescents. <i>Journal of Affective Disorders</i> , 2016 , 189, 54-61	6.6	11
508	Generative models of the human connectome. <i>NeuroImage</i> , 2016 , 124, 1054-1064	7.9	180
507	Large-Scale Functional Brain Network Reorganization During Taoist Meditation. <i>Brain Connectivity</i> , 2016 , 6, 9-24	2.7	12
506	Jumping the Gun: Mapping Neural Correlates of Waiting Impulsivity and Relevance Across Alcohol Misuse. <i>Biological Psychiatry</i> , 2016 , 79, 499-507	7.9	46
505	Unsupervised data-driven stratification of mentalizing heterogeneity in autism. <i>Scientific Reports</i> , 2016 , 6, 35333	4.9	47
504	Constance E. Lieber, Theodore R. Stanley, and the Enduring Impact of Philanthropy on Psychiatry Research. <i>Biological Psychiatry</i> , 2016 , 80, 84-86	7.9	2
503	Adolescence is associated with genomically patterned consolidation of the hubs of the human brain connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9105-10	11.5	255
502	Improving effect size estimation and statistical power with multi-echo fMRI and its impact on understanding the neural systems supporting mentalizing. <i>NeuroImage</i> , 2016 , 142, 55-66	7.9	53

501	Carrots and sticks fail to change behavior in cocaine addiction. <i>Science</i> , 2016 , 352, 1468-71	33.3	132
500	Altered Hub Functioning and Compensatory Activations in the Connectome: A Meta-Analysis of Functional Neuroimaging Studies in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016 , 42, 434-42	1.3	49
499	Deep sleep divides the cortex into opposite modes of anatomical-functional coupling. <i>Brain Structure and Function</i> , 2016 , 221, 4221-4234	4	33
498	Comparative Connectomics. <i>Trends in Cognitive Sciences</i> , 2016 , 20, 345-361	14	202
497	Frontal networks in adults with autism spectrum disorder. <i>Brain</i> , 2016 , 139, 616-30	11.2	83
496	Functional MRI of emotional memory in adolescent depression. <i>Developmental Cognitive Neuroscience</i> , 2016 , 19, 31-41	5.5	10
495	A wavelet-based estimator of the degrees of freedom in denoised fMRI time series for probabilistic testing of functional connectivity and brain graphs. <i>NeuroImage</i> , 2016 , 142, 14-26	7.9	52
494	Validation of non-REM sleep stage decoding from resting state fMRI using linear support vector machines. <i>NeuroImage</i> , 2016 , 125, 544-555	7.9	24
493	Statistical Analysis of Tract-Tracing Experiments Demonstrates a Dense, Complex Cortical Network in the Mouse. <i>PLoS Computational Biology</i> , 2016 , 12, e1005104	5	23
492	The Multilayer Connectome of <i>Caenorhabditis elegans</i> . <i>PLoS Computational Biology</i> , 2016 , 12, e10052835		113
491	Peripheral Immune Cell Populations Associated with Cognitive Deficits and Negative Symptoms of Treatment-Resistant Schizophrenia. <i>PLoS ONE</i> , 2016 , 11, e0155631	3.7	45
490	Temporal reproduction and its neuroanatomical correlates in adults with attention deficit hyperactivity disorder and their unaffected first-degree relatives. <i>Psychological Medicine</i> , 2016 , 46, 2561-9	6.9	7
489	Increased Global Functional Connectivity Correlates with LSD-Induced Ego Dissolution. <i>Current Biology</i> , 2016 , 26, 1043-50	6.3	237
488	Increased body mass index is associated with specific regional alterations in brain structure. <i>International Journal of Obesity</i> , 2016 , 40, 1177-82	5.5	73
487	Default Mode Hypoconnectivity Underlies a Sex-Related Autism Spectrum. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016 , 1, 364-371	3.4	41
486	Opioid Antagonists and the A118G Polymorphism in the Opioid Receptor Gene: Effects of GSK1521498 and Naltrexone in Healthy Drinkers Stratified by OPRM1 Genotype. <i>Neuropsychopharmacology</i> , 2016 , 41, 2647-57	8.7	14
485	Relationship Between Cortical Gyri-fication, White Matter Connectivity, and Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2016 , 26, 3297-309	5.1	57
484	Fronto-striatal organization: Defining functional and microstructural substrates of behavioural flexibility. <i>Cortex</i> , 2016 , 74, 118-33	3.8	100

483	Meta-connectomics: human brain network and connectivity meta-analyses. <i>Psychological Medicine</i> , 2016 , 46, 897-907	6.9	29
482	Biological Psychiatry and Biological Psychiatry: Cognitive Neuroscience and Neuroimaging Adopt Neuroscience-Based Nomenclature. <i>Biological Psychiatry</i> , 2016 , 80, 2-3	7.9	0
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19	Examining the boundary sharpness coefficient as an index of cortical microstructure and its relationship to age and sex in autism spectrum disorder		1
18	A generative network model of neurodevelopment		2
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16	Synaptic and transcriptionally downregulated genes are associated with cortical thickness differences in autism		4

15	Abnormal reward prediction error signalling in antipsychotic naïve individuals with first episode psychosis or clinical risk for psychosis	1
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