

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	7.9	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	19.6	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 μ 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 Gyrification, 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
481	Biological Psychiatry and Biological Psychiatry: Cognitive Neuroscience and Neuroimaging Adopt Neuroscience-Based Nomenclature. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016 , 1, 300-301	3.4	0
480	Gene transcription profiles associated with inter-modular hubs and connection distance in human functional magnetic resonance imaging networks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	116
479	Regional expression of the MAPT gene is associated with loss of hubs in brain networks and cognitive impairment in Parkinson disease and progressive supranuclear palsy. <i>Neurobiology of Aging</i> , 2016 , 48, 153-160	5.6	60
478	Atypically rightward cerebral asymmetry in male adults with autism stratifies individuals with and without language delay. <i>Human Brain Mapping</i> , 2016 , 37, 230-53	5.9	51
477	Network topology and functional connectivity disturbances precede the onset of Huntington's disease. <i>Brain</i> , 2015 , 138, 2332-46	11.2	75
476	Functional brain network changes associated with clinical and biochemical measures of the severity of hepatic encephalopathy. <i>NeuroImage</i> , 2015 , 122, 332-44	7.9	27
475	Wiring cost and topological participation of the mouse brain connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10032-7	11.5	131
474	Randomization and resilience of brain functional networks as systems-level endophenotypes of schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 9123-8	11.5	89
473	Power Law Scaling in Human and Empty Room MEG Recordings. <i>PLoS Computational Biology</i> , 2015 , 11, e1004175	5	5
472	The Novel μ -opioid Receptor Antagonist GSK1521498 Decreases Both Alcohol Seeking and Drinking: Evidence from a New Preclinical Model of Alcohol Seeking. <i>Neuropsychopharmacology</i> , 2015 , 40, 2981-92	8.7	26
471	The opioid receptor pharmacology of GSK1521498 compared to other ligands with differential effects on compulsive reward-related behaviours. <i>Psychopharmacology</i> , 2015 , 232, 305-14	4.7	15
470	The novel mu-opioid antagonist, GSK1521498, reduces ethanol consumption in C57BL/6J mice. <i>Psychopharmacology</i> , 2015 , 232, 3431-41	4.7	10
469	Risk-taking in disorders of natural and drug rewards: neural correlates and effects of probability, valence, and magnitude. <i>Neuropsychopharmacology</i> , 2015 , 40, 804-12	8.7	29
468	Annual research review: Growth connectomics--the organization and reorganization of brain networks during normal and abnormal development. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015 , 56, 299-320	7.9	130
467	Take it or leave it: prefrontal control in recreational cocaine users. <i>Translational Psychiatry</i> , 2015 , 5, e5828.6		12
466	Behavioural and molecular endophenotypes in psychotic disorders reveal heritable abnormalities in glutamatergic neurotransmission. <i>Translational Psychiatry</i> , 2015 , 5, e540	8.6	9

465	Overlapping decline in orbitofrontal gray matter volume related to cocaine use and body mass index. <i>Addiction Biology</i> , 2015 , 20, 194-6	4.6	11
464	Connectomics: a new paradigm for understanding brain disease. <i>European Neuropsychopharmacology</i> , 2015 , 25, 733-48	1.2	137
463	Reconciling abnormalities of brain network structure and function in schizophrenia. <i>Current Opinion in Neurobiology</i> , 2015 , 30, 44-50	7.6	111
462	Disorders of compulsivity: a common bias towards learning habits. <i>Molecular Psychiatry</i> , 2015 , 20, 345-52	5.1	382
461	Whole-brain functional hypoconnectivity as an endophenotype of autism in adolescents. <i>NeuroImage: Clinical</i> , 2015 , 9, 140-52	5.3	55
460	NEURAL CORRELATES OF WAITING IMPULSIVITY: A DIMENSIONAL APPROACH TO ALCOHOL MISUSE. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015 , 86, e3.52-e3	5.5	
459	Idiosyncratic responding during movie-watching predicted by age differences in attentional control. <i>Neurobiology of Aging</i> , 2015 , 36, 3045-3055	5.6	53
458	Reply to Wang and Sadž. <i>Psychopharmacology</i> , 2015 , 232, 1495-6	4.7	
457	Emergence of rich-club topology and coordinated dynamics in development of hippocampal functional networks in vitro. <i>Journal of Neuroscience</i> , 2015 , 35, 5459-70	6.6	82
456	Neuroanatomy of Individual Differences in Language in Adult Males with Autism. <i>Cerebral Cortex</i> , 2015 , 25, 3613-28	5.1	38
455	Opening bottlenecks on weighted networks by local adaptation to cascade failures. <i>Journal of Complex Networks</i> , 2015 , 3, 552-565	1.7	7
454	Adolescents with current major depressive disorder show dissimilar patterns of age-related differences in ACC and thalamus. <i>NeuroImage: Clinical</i> , 2015 , 7, 391-9	5.3	21
453	Semi-Metric Topology of the Human Connectome: Sensitivity and Specificity to Autism and Major Depressive Disorder. <i>PLoS ONE</i> , 2015 , 10, e0136388	3.7	14
452	A wavelet method for modeling and despiking motion artifacts from resting-state fMRI time series. <i>NeuroImage</i> , 2014 , 95, 287-304	7.9	229
451	From connections to function: the mouse brain connectome atlas. <i>Cell</i> , 2014 , 157, 773-5	56.2	16
450	Immunologic therapeutics and psychotic disorders. <i>Biological Psychiatry</i> , 2014 , 75, 260-1	7.9	10
449	Impaired long distance functional connectivity and weighted network architecture in Alzheimer's disease. <i>Cerebral Cortex</i> , 2014 , 24, 1422-35	5.1	142
448	Are power calculations useful? A multicentre neuroimaging study. <i>Human Brain Mapping</i> , 2014 , 35, 3569-73	5.7	12

447	Complex network theory and the brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369,	5.8	84
446	Generative models of rich clubs in Hebbian neuronal networks and large-scale human brain networks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369,	5.8	30
445	Differentiating BOLD and non-BOLD signals in fMRI time series from anesthetized rats using multi-echo EPI at 11.7 T. <i>NeuroImage</i> , 2014 , 102 Pt 2, 861-74	7.9	39
444	Neuroendocrine and sympathetic responses to an orexin receptor antagonist, SB-649868, and alprazolam following insulin-induced hypoglycemia in humans. <i>Psychopharmacology</i> , 2014 , 231, 3817-28	4.7	6
443	Is there a flame in the brain in psychosis?. <i>Biological Psychiatry</i> , 2014 , 75, 258-9	7.9	25
442	Distribution of tract deficits in schizophrenia. <i>BMC Psychiatry</i> , 2014 , 14, 99	4.2	40
441	Structural neuroimaging correlates of allelic variation of the BDNF val66met polymorphism. <i>NeuroImage</i> , 2014 , 90, 280-9	7.9	34
440	Neuronal correlates of risk-seeking attitudes to anticipated losses in binge drinkers. <i>Biological Psychiatry</i> , 2014 , 76, 717-24	7.9	24
439	Enhanced orbitofrontal cortex function and lack of attentional bias to cocaine cues in recreational stimulant users. <i>Biological Psychiatry</i> , 2014 , 75, 124-31	7.9	37
438	Abnormal cortical growth in schizophrenia targets normative modules of synchronized development. <i>Biological Psychiatry</i> , 2014 , 76, 438-46	7.9	84
437	Measuring "waiting" impulsivity in substance addictions and binge eating disorder in a novel analogue of rodent serial reaction time task. <i>Biological Psychiatry</i> , 2014 , 75, 148-55	7.9	116
436	Exploring glycosuria as a mechanism for weight and fat mass reduction. A pilot study with remogliflozin etabonate and sergliflozin etabonate in healthy obese subjects. <i>Journal of Clinical and Translational Endocrinology</i> , 2014 , 1, e3-e8	2.4	17
435	A unifying framework for measuring weighted rich clubs. <i>Scientific Reports</i> , 2014 , 4, 7258	4.9	36
434	Powerlaw: a Python package for analysis of heavy-tailed distributions. <i>PLoS ONE</i> , 2014 , 9, e85777	3.7	385
433	Stochastic blockmodeling of the modules and core of the <i>Caenorhabditis elegans</i> connectome. <i>PLoS ONE</i> , 2014 , 9, e97584	3.7	45
432	Identification of BDNF sensitive electrophysiological markers of synaptic activity and their structural correlates in healthy subjects using a genetic approach utilizing the functional BDNF Val66Met polymorphism. <i>PLoS ONE</i> , 2014 , 9, e95558	3.7	10
431	Late cortical plasticity in motor and auditory cortex: role of met-allele in BDNF Val66Met polymorphism. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 705-13	5.8	27
430	The hubs of the human connectome are generally implicated in the anatomy of brain disorders. <i>Brain</i> , 2014 , 137, 2382-95	11.2	717

429	Reading the Mind in the Eyes: An fMRI study of adolescents with autism and their siblings. <i>Psychological Medicine</i> , 2014 , 44, 3215-27	6.9	54
428	Neuroanatomical abnormalities and cognitive impairments are shared by adults with attention-deficit/hyperactivity disorder and their unaffected first-degree relatives. <i>Biological Psychiatry</i> , 2014 , 76, 639-47	7.9	59
427	Increasing pharmacological knowledge about human neurological and psychiatric disorders through functional neuroimaging and its application in drug discovery. <i>Current Opinion in Pharmacology</i> , 2014 , 14, 54-61	5.1	35
426	Cocaine dependence: a fast-track for brain ageing?. <i>Molecular Psychiatry</i> , 2013 , 18, 134-5	15.1	52
425	Attenuation of cocaine and heroin seeking by μ -opioid receptor antagonism. <i>Psychopharmacology</i> , 2013 , 227, 137-47	4.7	44
424	Psychological correlates of handedness and corpus callosum asymmetry in autism: the left hemisphere dysfunction theory revisited. <i>Journal of Autism and Developmental Disorders</i> , 2013 , 43, 1758-72	4.6	38
423	Intrinsic gray-matter connectivity of the brain in adults with autism spectrum disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13222-7	11.5	72
422	Neural and behavioral effects of a novel mu opioid receptor antagonist in binge-eating obese people. <i>Biological Psychiatry</i> , 2013 , 73, 887-94	7.9	75
421	Innovative solutions to novel drug development in mental health. <i>Neuroscience and Biobehavioral Reviews</i> , 2013 , 37, 2438-44	9	75
420	Fledgling pathoconnectomics of psychiatric disorders. <i>Trends in Cognitive Sciences</i> , 2013 , 17, 641-7	14	94
419	The anatomical distance of functional connections predicts brain network topology in health and schizophrenia. <i>Cerebral Cortex</i> , 2013 , 23, 127-38	5.1	237
418	Magnetic resonance imaging of a randomized controlled trial investigating predictors of recovery following psychological treatment in adolescents with moderate to severe unipolar depression: study protocol for Magnetic Resonance-Improving Mood with Psychoanalytic and Cognitive Therapy (MIRIAM-CPT). <i>BMJ Open</i> , 2013 , 3, e00417	4.2	10
417	Distinctive personality traits and neural correlates associated with stimulant drug use versus familial risk of stimulant dependence. <i>Biological Psychiatry</i> , 2013 , 74, 137-44	7.9	91
416	Meta-analysis of structural brain abnormalities associated with stimulant drug dependence and neuroimaging of addiction vulnerability and resilience. <i>Current Opinion in Neurobiology</i> , 2013 , 23, 615-24	7.6	142
415	More thinking about less data: a perspective from the 2nd Provence Summer Workshop. <i>Molecular Psychiatry</i> , 2013 , 18, 524-5	15.1	
414	The convergence of maturational change and structural covariance in human cortical networks. <i>Journal of Neuroscience</i> , 2013 , 33, 2889-99	6.6	294
413	Volitional eyes opening perturbs brain dynamics and functional connectivity regardless of light input. <i>NeuroImage</i> , 2013 , 69, 21-34	7.9	77
412	Imaging structural co-variance between human brain regions. <i>Nature Reviews Neuroscience</i> , 2013 , 14, 322-36	13.5	569

411	Neuronal avalanches in the resting MEG of the human brain. <i>Journal of Neuroscience</i> , 2013 , 33, 7079-90	6.6	168
410	The rich club of the C. elegans neuronal connectome. <i>Journal of Neuroscience</i> , 2013 , 33, 6380-7	6.6	201
409	Neural networks in psychiatry. <i>European Neuropsychopharmacology</i> , 2013 , 23, 1-6	1.2	29
408	Prefrontal hypoactivity associated with impaired inhibition in stimulant-dependent individuals but evidence for hyperactivation in their unaffected siblings. <i>Neuropsychopharmacology</i> , 2013 , 38, 1945-53	8.7	41
407	Phase transition in the economically modeled growth of a cellular nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 7880-5	11.5	50
406	Brain surface anatomy in adults with autism: the relationship between surface area, cortical thickness, and autistic symptoms. <i>JAMA Psychiatry</i> , 2013 , 70, 59-70	14.5	154
405	The potent M1 receptor allosteric agonist GSK1034702 improves episodic memory in humans in the nicotine abstinence model of cognitive dysfunction. <i>International Journal of Neuropsychopharmacology</i> , 2013 , 16, 721-31	5.8	71
404	Functional dysconnectivity of corticostriatal circuitry as a risk phenotype for psychosis. <i>JAMA Psychiatry</i> , 2013 , 70, 1143-51	14.5	168
403	Biological sex affects the neurobiology of autism. <i>Brain</i> , 2013 , 136, 2799-815	11.2	198
402	Cognitive relevance of the community structure of the human brain functional coactivation network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11583-8	11.5	307
401	Speed of facial affect intensity recognition as an endophenotype of first-episode psychosis and associated limbic-cortical grey matter systems. <i>Psychological Medicine</i> , 2013 , 43, 591-602	6.9	12
400	The effects of alcohol on the pharmacokinetics and pharmacodynamics of the selective mu-opioid receptor antagonist GSK1521498 in healthy subjects. <i>Journal of Clinical Pharmacology</i> , 2013 , 53, 1078-90	2.9	9
399	Integrated strategy for improving functional connectivity mapping using multiecho fMRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16187-92	11.5	216
398	Human brain functional network changes associated with enhanced and impaired attentional task performance. <i>Journal of Neuroscience</i> , 2013 , 33, 5903-14	6.6	84
397	Cognitive control dysfunction and abnormal frontal cortex activation in stimulant drug users and their biological siblings. <i>Translational Psychiatry</i> , 2013 , 3, e257	8.6	27
396	Effects of the mu-opioid receptor antagonist GSK1521498 on hedonic and consummatory eating behaviour: a proof of mechanism study in binge-eating obese subjects. <i>Molecular Psychiatry</i> , 2013 , 18, 1287-93	15.1	77
395	Long-term effects of attentional performance on functional brain network topology. <i>PLoS ONE</i> , 2013 , 8, e74125	3.7	36
394	Increased ventral striatal volume in college-aged binge drinkers. <i>PLoS ONE</i> , 2013 , 8, e74164	3.7	45

393	Impaired decisional impulsivity in pathological videogamers. <i>PLoS ONE</i> , 2013 , 8, e75914	3.7	41
392	Oscillatory underpinnings of mismatch negativity and their relationship with cognitive function in patients with schizophrenia. <i>PLoS ONE</i> , 2013 , 8, e83255	3.7	26
391	Quantitative multi-parameter mapping of R1, PD(*), MT, and R2(*) at 3T: a multi-center validation. <i>Frontiers in Neuroscience</i> , 2013 , 7, 95	5.1	301
390	Effects of the BDNF Val66Met polymorphism and met allele load on declarative memory related neural networks. <i>PLoS ONE</i> , 2013 , 8, e74133	3.7	7
389	Schizophrenia and abnormal brain network hubs. <i>Dialogues in Clinical Neuroscience</i> , 2013 , 15, 339-49	5.7	134
388	Centrality Clubs and Concepts of the Core: Decoding the Communicative Organisation of the Brain. <i>Springer Proceedings in Complexity</i> , 2013 , 497-501	0.3	
387	Effects of genetic variation in the P2RX7 gene on pharmacodynamics of a P2X(7) receptor antagonist: a prospective genotyping approach. <i>British Journal of Clinical Pharmacology</i> , 2012 , 74, 376-80	3.8	15
386	Hubs of brain functional networks are radically reorganized in comatose patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 20608-13	11.5	192
385	Attention to language: novel MEG paradigm for registering involuntary language processing in the brain. <i>Neuropsychologia</i> , 2012 , 50, 2605-16	3.2	28
384	The relationship between fat mass, eating behaviour and obesity-related psychological traits in overweight and obese individuals. <i>Appetite</i> , 2012 , 59, 656-61	4.5	11
383	Abnormal brain structure implicated in stimulant drug addiction. <i>Science</i> , 2012 , 335, 601-4	33.3	407
382	Cognitive dysfunction and anxious-impulsive personality traits are endophenotypes for drug dependence. <i>American Journal of Psychiatry</i> , 2012 , 169, 926-36	11.9	176
381	Effect of the dopamine D3 receptor antagonist GSK598809 on brain responses to rewarding food images in overweight and obese binge eaters. <i>Appetite</i> , 2012 , 59, 27-33	4.5	32
380	Failure to deactivate the default mode network indicates a possible endophenotype of autism. <i>Molecular Autism</i> , 2012 , 3, 15	6.5	40
379	Inhibition of opioid transmission at the μ -opioid receptor prevents both food seeking and binge-like eating. <i>Neuropsychopharmacology</i> , 2012 , 37, 2643-52	8.7	86
378	Fast reconfiguration of high-frequency brain networks in response to surprising changes in auditory input. <i>Journal of Neurophysiology</i> , 2012 , 107, 1421-30	3.2	30
377	Simple models of human brain functional networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5868-73	11.5	232
376	ECONOMICAL NETWORK MODELS OF THE CONNECTOME IN SCHIZOPHRENIA. <i>Schizophrenia Research</i> , 2012 , 136, S28	3.6	

375	Functional network endophenotypes of psychotic disorders. <i>Biological Psychiatry</i> , 2012 , 71, 844-5	7.9	11
374	Fetal programming effects of testosterone on the reward system and behavioral approach tendencies in humans. <i>Biological Psychiatry</i> , 2012 , 72, 839-47	7.9	85
373	Brain functional connectivity in stimulant drug dependence and obsessive-compulsive disorder. <i>NeuroImage</i> , 2012 , 59, 1461-8	7.9	58
372	Neuregulin-1 genotype is associated with structural differences in the normal human brain. <i>NeuroImage</i> , 2012 , 59, 2057-61	7.9	23
371	The discovery of population differences in network community structure: new methods and applications to brain functional networks in schizophrenia. <i>NeuroImage</i> , 2012 , 59, 3889-900	7.9	149
370	Schizophrenia, neuroimaging and connectomics. <i>NeuroImage</i> , 2012 , 62, 2296-314	7.9	503
369	The future of functional MRI in clinical medicine. <i>NeuroImage</i> , 2012 , 62, 1267-71	7.9	44
368	Connectivity differences in brain networks. <i>NeuroImage</i> , 2012 , 60, 1055-62	7.9	157
367	On the use of correlation as a measure of network connectivity. <i>NeuroImage</i> , 2012 , 60, 2096-106	7.9	286
366	Individual differences in brain structure underpin empathizing-systemizing cognitive styles in male adults. <i>NeuroImage</i> , 2012 , 61, 1347-54	7.9	42
365	Consistency and interpretation of changes in millimeter-scale cortical intrinsic curvature across three independent datasets in schizophrenia. <i>NeuroImage</i> , 2012 , 63, 611-21	7.9	38
364	Fetal testosterone influences sexually dimorphic gray matter in the human brain. <i>Journal of Neuroscience</i> , 2012 , 32, 674-80	6.6	216
363	Effects of mu opioid receptor antagonism on cognition in obese binge-eating individuals. <i>Psychopharmacology</i> , 2012 , 224, 501-9	4.7	22
362	Structural brain changes in First Episode Schizophrenia compared with Fronto-Temporal Lobar Degeneration: a meta-analysis. <i>BMC Psychiatry</i> , 2012 , 12, 104	4.2	18
361	No association of COMT (Val158Met) genotype with brain structure differences between men and women. <i>PLoS ONE</i> , 2012 , 7, e33964	3.7	18
360	Connectomic intermediate phenotypes for psychiatric disorders. <i>Frontiers in Psychiatry</i> , 2012 , 3, 32	5	77
359	The economy of brain network organization. <i>Nature Reviews Neuroscience</i> , 2012 , 13, 336-49	13.5	1874
358	The relationship between regional and inter-regional functional connectivity deficits in schizophrenia. <i>Human Brain Mapping</i> , 2012 , 33, 2535-49	5.9	81

357	Cognitive dysfunction in psychiatric disorders: characteristics, causes and the quest for improved therapy. <i>Nature Reviews Drug Discovery</i> , 2012 , 11, 141-68	64.1	728
356	Amisulpride-induced acute akathisia in OCD: an example of dysfunctional dopamine-serotonin interactions?. <i>Journal of Psychopharmacology</i> , 2012 , 26, 887-90	4.6	9
355	The effects of the dopamine D ₂ receptor antagonist GSK598809 on attentional bias to palatable food cues in overweight and obese subjects. <i>International Journal of Neuropsychopharmacology</i> , 2012 , 15, 149-61	5.8	44
354	Opioid receptor modulation of hedonic taste preference and food intake: a single-dose safety, pharmacokinetic, and pharmacodynamic investigation with GSK1521498, a novel μ -opioid receptor inverse agonist. <i>Journal of Clinical Pharmacology</i> , 2012 , 52, 464-74	2.9	42
353	Multiple-dose safety, pharmacokinetics, and pharmacodynamics of the μ -opioid receptor inverse agonist GSK1521498. <i>Journal of Clinical Pharmacology</i> , 2012 , 52, 1456-67	2.9	15
352	Brain anatomy and its relationship to behavior in adults with autism spectrum disorder: a multicenter magnetic resonance imaging study. <i>Archives of General Psychiatry</i> , 2012 , 69, 195-209		195
351	AD 2 Disruption of brain connectivity in schizophrenia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, e1.6-e1	5.5	
350	Effect of dopamine D ₂ receptor antagonism on approach responses to food cues in overweight and obese individuals. <i>Behavioural Pharmacology</i> , 2012 , 23, 603-8	2.4	31
349	Atypical activation during the Embedded Figures Task as a functional magnetic resonance imaging endophenotype of autism. <i>Brain</i> , 2012 , 135, 3469-80	11.2	34
348	Failure of adaptive self-organized criticality during epileptic seizure attacks. <i>PLoS Computational Biology</i> , 2012 , 8, e1002312	5	106
347	Disrupted axonal fiber connectivity in schizophrenia. <i>Biological Psychiatry</i> , 2011 , 69, 80-9	7.9	363
346	Are there progressive brain changes in schizophrenia? A meta-analysis of structural magnetic resonance imaging studies. <i>Biological Psychiatry</i> , 2011 , 70, 88-96	7.9	366
345	Cognitive Neuroscience Treatment Research to Improve Cognition in Schizophrenia II: developing imaging biomarkers to enhance treatment development for schizophrenia and related disorders. <i>Biological Psychiatry</i> , 2011 , 70, 7-12	7.9	49
344	General and specific functional connectivity disturbances in first-episode schizophrenia during cognitive control performance. <i>Biological Psychiatry</i> , 2011 , 70, 64-72	7.9	211
343	Response perseveration in stimulant dependence is associated with striatal dysfunction and can be ameliorated by a D(2/3) receptor agonist. <i>Biological Psychiatry</i> , 2011 , 70, 754-762	7.9	87
342	Topological isomorphisms of human brain and financial market networks. <i>Frontiers in Systems Neuroscience</i> , 2011 , 5, 75	3.5	11
341	Genetic influences on cost-efficient organization of human cortical functional networks. <i>Journal of Neuroscience</i> , 2011 , 31, 3261-70	6.6	235
340	Studying synaptic plasticity in the human brain and opportunities for drug discovery. <i>Current Opinion in Pharmacology</i> , 2011 , 11, 540-8	5.1	29

339	Brain graphs: graphical models of the human brain connectome. <i>Annual Review of Clinical Psychology</i> , 2011 , 7, 113-40	20.5	746
338	Connectivity brain networks based on wavelet correlation analysis in Parkinson fMRI data. <i>Neuroscience Letters</i> , 2011 , 499, 47-51	3.3	110
337	Neuropsychiatric adverse effects of centrally acting antiobesity drugs. <i>CNS Neuroscience and Therapeutics</i> , 2011 , 17, 490-505	6.8	79
336	Specialization of right temporo-parietal junction for mentalizing and its relation to social impairments in autism. <i>NeuroImage</i> , 2011 , 56, 1832-8	7.9	184
335	Cognitive effort drives workspace configuration of human brain functional networks. <i>Journal of Neuroscience</i> , 2011 , 31, 8259-70	6.6	273
334	Abnormal structure of frontostriatal brain systems is associated with aspects of impulsivity and compulsivity in cocaine dependence. <i>Brain</i> , 2011 , 134, 2013-24	11.2	263
333	Differential cognitive deterioration in dementia: a two year longitudinal study. <i>Journal of Alzheimer's Disease</i> , 2011 , 24, 125-36	4.3	20
332	Brain network analysis: separating cost from topology using cost-integration. <i>PLoS ONE</i> , 2011 , 6, e21570	5.7	125
331	A quantitative meta-analysis of fMRI studies in bipolar disorder. <i>Bipolar Disorders</i> , 2011 , 13, 1-15	3.8	321
330	Pharmacological differentiation of opioid receptor antagonists by molecular and functional imaging of target occupancy and food reward-related brain activation in humans. <i>Molecular Psychiatry</i> , 2011 , 16, 826-35, 785	15.1	76
329	Peripheral biomarkers of cognitive response to dopamine receptor agonist treatment. <i>Psychopharmacology</i> , 2011 , 214, 779-89	4.7	41
328	Effects of donepezil on cognitive performance after sleep deprivation. <i>Human Psychopharmacology</i> , 2011 , 26, 578-87	2.3	18
327	Classifying Connectivity Graphs Using Graph and Vertex Attributes 2011 ,		6
326	Anatomía del trastorno bipolar y la esquizofrenia: metaanálisis. <i>Psiquiatria Biologica</i> , 2011 , 18, 6-17	0.2	
325	Administrative incidence of psychosis assessed in an early intervention service in England: first epidemiological evidence from a diverse, rural and urban setting. <i>Psychological Medicine</i> , 2011 , 41, 949-58	6.9	39
324	Intrinsic curvature: a marker of millimeter-scale tangential cortico-cortical connectivity?. <i>International Journal of Neural Systems</i> , 2011 , 21, 351-66	6.2	51
323	A novel functional brain imaging endophenotype of autism: the neural response to facial expression of emotion. <i>Translational Psychiatry</i> , 2011 , 1, e19	8.6	66
322	Molecular and functional neuroimaging of human opioid receptor pharmacology. <i>Molecular Psychiatry</i> , 2011 , 16, 785-785	15.1	8

321	The Diagnosis of Psychosis 2011 ,		5
320	A longitudinal fMRI study of the manic and euthymic states of bipolar disorder. <i>Bipolar Disorders</i> , 2010 , 12, 344-7	3.8	36
319	Conditional mutual information maps as descriptors of net connectivity levels in the brain. <i>Frontiers in Neuroinformatics</i> , 2010 , 4, 115	3.9	29
318	Disrupted modularity and local connectivity of brain functional networks in childhood-onset schizophrenia. <i>Frontiers in Systems Neuroscience</i> , 2010 , 4, 147	3.5	338
317	Memory encoding and dopamine in the aging brain: a psychopharmacological neuroimaging study. <i>Cerebral Cortex</i> , 2010 , 20, 743-57	5.1	42
316	Shared neural circuits for mentalizing about the self and others. <i>Journal of Cognitive Neuroscience</i> , 2010 , 22, 1623-35	3.1	256
315	Paradoxical enhancement of choice reaction time performance in patients with major depression. <i>Journal of Psychopharmacology</i> , 2010 , 24, 471-9	4.6	15
314	Distinct modulatory effects of satiety and sibutramine on brain responses to food images in humans: a double dissociation across hypothalamus, amygdala, and ventral striatum. <i>Journal of Neuroscience</i> , 2010 , 30, 14346-55	6.6	61
313	Facial emotion processing in schizophrenia: a non-specific neuropsychological deficit?. <i>Psychological Medicine</i> , 2010 , 40, 911-9	6.9	31
312	Functional connectivity and brain networks in schizophrenia. <i>Journal of Neuroscience</i> , 2010 , 30, 9477-87	6.6	960
311	Atypical neural self-representation in autism. <i>Brain</i> , 2010 , 133, 611-24	11.2	253
310	Efficient physical embedding of topologically complex information processing networks in brains and computer circuits. <i>PLoS Computational Biology</i> , 2010 , 6, e1000748	5	283
309	Morphometric brain abnormalities in schizophrenia in a population-based sample: relationship to duration of illness. <i>Schizophrenia Bulletin</i> , 2010 , 36, 766-77	1.3	69
308	Influence of compulsivity of drug abuse on dopaminergic modulation of attentional bias in stimulant dependence. <i>Archives of General Psychiatry</i> , 2010 , 67, 632-44		84
307	Approach and avoidance learning in patients with major depression and healthy controls: relation to anhedonia. <i>Psychological Medicine</i> , 2010 , 40, 433-40	6.9	97
306	Plasma protein biomarkers for depression and schizophrenia by multi analyte profiling of case-control collections. <i>PLoS ONE</i> , 2010 , 5, e9166	3.7	245
305	Drug addiction endophenotypes: impulsive versus sensation-seeking personality traits. <i>Biological Psychiatry</i> , 2010 , 68, 770-3	7.9	297
304	A shift to randomness of brain oscillations in people with autism. <i>Biological Psychiatry</i> , 2010 , 68, 1092-9	7.9	115

303	Anatomy of bipolar disorder and schizophrenia: a meta-analysis. <i>Schizophrenia Research</i> , 2010 , 117, 1-12	3.6	434
302	Network-based statistic: identifying differences in brain networks. <i>NeuroImage</i> , 2010 , 53, 1197-207	7.9	1409
301	The relationship between motor deficit and primary motor cortex hemispheric activation balance after stroke: longitudinal fMRI study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010 , 81, 788-92	5.5	40
300	Whole-brain anatomical networks: does the choice of nodes matter?. <i>NeuroImage</i> , 2010 , 50, 970-83	7.9	877
299	Probing compulsive and impulsive behaviors, from animal models to endophenotypes: a narrative review. <i>Neuropsychopharmacology</i> , 2010 , 35, 591-604	8.7	504
298	What can spontaneous fluctuations of the blood oxygenation-level-dependent signal tell us about psychiatric disorders?. <i>Current Opinion in Psychiatry</i> , 2010 , 23, 239-49	4.9	111
297	Network scaling effects in graph analytic studies of human resting-state fMRI data. <i>Frontiers in Systems Neuroscience</i> , 2010 , 4, 22	3.5	289
296	Modular and hierarchically modular organization of brain networks. <i>Frontiers in Neuroscience</i> , 2010 , 4, 200	5.1	666
295	Regret and the negative evaluation of decision outcomes in major depression. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2010 , 10, 406-13	3.5	27
294	Impaired visuospatial associative memory and attention in obsessive compulsive disorder but no evidence for differential dopaminergic modulation. <i>Psychopharmacology</i> , 2010 , 212, 357-67	4.7	36
293	Organizational effects of fetal testosterone on human corpus callosum size and asymmetry. <i>Psychoneuroendocrinology</i> , 2010 , 35, 122-32	5	114
292	Subregional hippocampal deformations in major depressive disorder. <i>Journal of Affective Disorders</i> , 2010 , 126, 272-7	6.6	77
291	Overall brain connectivity maps show cortico-subcortical abnormalities in schizophrenia. <i>Human Brain Mapping</i> , 2010 , 31, 2003-14	5.9	113
290	Does fMRI Have A Role in Personalized Health Care for Psychiatric Patients? 2010 , 55-72		2
289	Reasons to Believe: The Potential of Imaging in CNS Drug Development 2010 , 381-386		
288	The Challenges and Opportunities 2010 , 3-9		
287	Endogenous human brain dynamics recover slowly following cognitive effort. <i>PLoS ONE</i> , 2009 , 4, e6626	3.7	129
286	CamBAfx: Workflow Design, Implementation and Application for Neuroimaging. <i>Frontiers in Neuroinformatics</i> , 2009 , 3, 27	3.9	2

285	Hierarchical modularity in human brain functional networks. <i>Frontiers in Neuroinformatics</i> , 2009 , 3, 37	3.9	409
284	Human brain networks in health and disease. <i>Current Opinion in Neurology</i> , 2009 , 22, 340-7	7.1	600
283	Editorial reply to Jögle. <i>Human Brain Mapping</i> , 2009 , 30, 1936-1937	5.9	78
282	The dopamine D2 receptor antagonist sulpiride modulates striatal BOLD signal during the manipulation of information in working memory. <i>Psychopharmacology</i> , 2009 , 207, 35-45	4.7	46
281	Complex brain networks: graph theoretical analysis of structural and functional systems. <i>Nature Reviews Neuroscience</i> , 2009 , 10, 186-98	13.5	7021
280	The brain structural disposition to social interaction. <i>European Journal of Neuroscience</i> , 2009 , 29, 2247-53	5.5	61
279	Atomoxetine modulates right inferior frontal activation during inhibitory control: a pharmacological functional magnetic resonance imaging study. <i>Biological Psychiatry</i> , 2009 , 65, 550-5	7.9	232
278	Meta-analysis of diffusion tensor imaging studies in schizophrenia. <i>Schizophrenia Research</i> , 2009 , 108, 3-10	3.6	539
277	Broadband criticality of human brain network synchronization. <i>PLoS Computational Biology</i> , 2009 , 5, e1000314	9.0	353
276	Cognitive fitness of cost-efficient brain functional networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 11747-52	11.5	317
275	Age-related changes in modular organization of human brain functional networks. <i>NeuroImage</i> , 2009 , 44, 715-23	7.9	587
274	Generic aspects of complexity in brain imaging data and other biological systems. <i>NeuroImage</i> , 2009 , 47, 1125-34	7.9	98
273	Reproducibility of graph metrics of human brain functional networks. <i>NeuroImage</i> , 2009 , 47, 1460-8	7.9	184
272	From taste hedonics to motivational drive: central opioid receptors and binge-eating behaviour. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 995-1008	5.8	74
271	Ofatumumab, a Human Mab Targeting a Membrane-Proximal Small-Loop Epitope On CD20, Induces Potent NK Cell-Mediated ADCC.. <i>Blood</i> , 2009 , 114, 1725-1725	2.2	9
270	Validation of a quantitative magnetic resonance method for measuring human body composition. <i>Obesity</i> , 2008 , 16, 191-8	8	63
269	Substantia nigra/ventral tegmental reward prediction error disruption in psychosis. <i>Molecular Psychiatry</i> , 2008 , 13, 239, 267-76	15.1	376
268	How dopamine dysregulation leads to psychotic symptoms? Abnormal mesolimbic and mesostriatal prediction error signalling in psychosis. <i>Molecular Psychiatry</i> , 2008 , 13, 239-239	15.1	92

267	The role of the orbitofrontal cortex in human discrimination learning. <i>Neuropsychologia</i> , 2008 , 46, 1326-37	3.2	40
266	Dissociable roles of prefrontal subregions in self-ordered working memory performance. <i>Neuropsychologia</i> , 2008 , 46, 2650-61	7.9	151
265	Identifying cognitive mechanisms targeted for treatment development in schizophrenia: an overview of the first meeting of the Cognitive Neuroscience Treatment Research to Improve Cognition in Schizophrenia Initiative. <i>Biological Psychiatry</i> , 2008 , 64, 4-10	7.9	494
264	Meta-analysis of gray matter anomalies in schizophrenia: application of anatomic likelihood estimation and network analysis. <i>Biological Psychiatry</i> , 2008 , 64, 774-81	7.9	176
263	A simple view of the brain through a frequency-specific functional connectivity measure. <i>NeuroImage</i> , 2008 , 39, 279-89	33.3	420
262	Orbitofrontal dysfunction in patients with obsessive-compulsive disorder and their unaffected relatives. <i>Science</i> , 2008 , 321, 421-2	11.9	166
261	White matter abnormalities in patients with obsessive-compulsive disorder and their first-degree relatives. <i>American Journal of Psychiatry</i> , 2008 , 165, 1308-15	4	8
260	Cognitive performance and grey matter density in psychosis: functional relevance of a structural endophenotype. <i>Neuropsychobiology</i> , 2008 , 58, 128-37	1.3	122
259	Reinforcement and reversal learning in first-episode psychosis. <i>Schizophrenia Bulletin</i> , 2008 , 34, 848-55	6.6	67
258	Individual differences in psychotic effects of ketamine are predicted by brain function measured under placebo. <i>Journal of Neuroscience</i> , 2008 , 28, 6295-303	5.4	90
257	White matter volume changes in people who develop psychosis. <i>British Journal of Psychiatry</i> , 2008 , 193, 210-5	8.7	170
256	Functional coupling of the amygdala in depressed patients treated with antidepressant medication. <i>Neuropsychopharmacology</i> , 2008 , 33, 1909-18	11.9	494
255	The anatomy of first-episode and chronic schizophrenia: an anatomical likelihood estimation meta-analysis. <i>American Journal of Psychiatry</i> , 2008 , 165, 1015-23	6.6	907
254	Hierarchical organization of human cortical networks in health and schizophrenia. <i>Journal of Neuroscience</i> , 2008 , 28, 9239-48	11.2	120
253	Brain hyper-reactivity to auditory novel targets in children with high-functioning autism. <i>Brain</i> , 2008 , 131, 2479-88	2.4	101
252	Fractal connectivity of long-memory networks. <i>Physical Review E</i> , 2008 , 77, 036104	5.4	83
251	Grey matter abnormalities in trichotillomania: morphometric magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2008 , 193, 216-21		
250	Endogenous human brain dynamics recover slowly following cognitive effort. <i>Nature Precedings</i> , 2008 ,		1

249	Structural brain change in Attention Deficit Hyperactivity Disorder identified by meta-analysis. <i>BMC Psychiatry</i> , 2008 , 8, 51	4.2	167
248	Components of variance in a multicentre functional MRI study and implications for calculation of statistical power. <i>Human Brain Mapping</i> , 2008 , 29, 1111-22	5.9	37
247	Monofractal and multifractal dynamics of low frequency endogenous brain oscillations in functional MRI. <i>Human Brain Mapping</i> , 2008 , 29, 791-801	5.9	83
246	Endogenous multifractal brain dynamics are modulated by age, cholinergic blockade and cognitive performance. <i>Journal of Neuroscience Methods</i> , 2008 , 174, 292-300	3	62
245	Integrating evidence from neuroimaging and neuropsychological studies of obsessive-compulsive disorder: the orbitofronto-striatal model revisited. <i>Neuroscience and Biobehavioral Reviews</i> , 2008 , 32, 525-49	9	875
244	Brain imaging correlates of depressive symptom severity and predictors of symptom improvement after antidepressant treatment. <i>Biological Psychiatry</i> , 2007 , 62, 407-14	7.9	282
243	A longitudinal functional magnetic resonance imaging study of verbal working memory in depression after antidepressant therapy. <i>Biological Psychiatry</i> , 2007 , 62, 1236-43	7.9	137
242	Caffeine restores regional brain activation in acute hypoglycaemia in healthy volunteers. <i>Diabetic Medicine</i> , 2007 , 24, 720-7	3.5	11
241	Differential activation of the amygdala and the Social brain during fearful face-processing in Asperger Syndrome. <i>Neuropsychologia</i> , 2007 , 45, 2-14	3.2	309
240	Efficiency and cost of economical brain functional networks. <i>PLoS Computational Biology</i> , 2007 , 3, e17	5	1664
239	Neurocognitive endophenotypes of obsessive-compulsive disorder. <i>Brain</i> , 2007 , 130, 3223-36	11.2	318
238	Effects of gamma-aminobutyric acid-modulating drugs on working memory and brain function in patients with schizophrenia. <i>Archives of General Psychiatry</i> , 2007 , 64, 156-67		90
237	Neural responses to happy facial expressions in major depression following antidepressant treatment. <i>American Journal of Psychiatry</i> , 2007 , 164, 599-607	11.9	221
236	Impaired cognitive flexibility and motor inhibition in unaffected first-degree relatives of patients with obsessive-compulsive disorder. <i>American Journal of Psychiatry</i> , 2007 , 164, 335-8	11.9	293
235	Disrupted prediction-error signal in psychosis: evidence for an associative account of delusions. <i>Brain</i> , 2007 , 130, 2387-400	11.2	304
234	Neuroanatomical correlates of memory deficits in tuberous sclerosis complex. <i>Cerebral Cortex</i> , 2007 , 17, 261-71	5.1	74
233	Substance use in a population-based clinic sample of people with first-episode psychosis. <i>British Journal of Psychiatry</i> , 2007 , 190, 515-20	5.4	211
232	The role of MT+/V5 during biological motion perception in Asperger Syndrome: An fMRI study. <i>Research in Autism Spectrum Disorders</i> , 2007 , 1, 14-27	3	93

231	Learning-related human brain activations reflecting individual finances. <i>Neuron</i> , 2007 , 54, 167-75	13.9	63
230	The relationship between motor deficit and hemisphere activation balance after stroke: A 3T fMRI study. <i>NeuroImage</i> , 2007 , 34, 322-31	7.9	185
229	Frequency based mutual information measures between clusters of brain regions in functional magnetic resonance imaging. <i>NeuroImage</i> , 2007 , 35, 83-8	7.9	68
228	Resampling methods for improved wavelet-based multiple hypothesis testing of parametric maps in functional MRI. <i>NeuroImage</i> , 2007 , 37, 1186-94	7.9	10
227	Leptin regulates striatal regions and human eating behavior. <i>Science</i> , 2007 , 317, 1355	33.3	452
226	Emotional memory in depersonalization disorder: a functional MRI study. <i>Psychiatry Research - Neuroimaging</i> , 2006 , 148, 93-102	2.9	49
225	Permutation testing of orthogonal factorial effects in a language-processing experiment using fMRI. <i>Human Brain Mapping</i> , 2006 , 27, 425-33	5.9	28
224	Psychological effects of ketamine in healthy volunteers. Phenomenological study. <i>British Journal of Psychiatry</i> , 2006 , 189, 173-9	5.4	170
223	Brain mechanisms of successful compensation during learning in Alzheimer disease. <i>Neurology</i> , 2006 , 67, 1011-7	6.5	88
222	Regional brain morphometry in patients with schizophrenia or bipolar disorder and their unaffected relatives. <i>American Journal of Psychiatry</i> , 2006 , 163, 478-87	11.9	236
221	Frontal responses during learning predict vulnerability to the psychotogenic effects of ketamine: linking cognition, brain activity, and psychosis. <i>Archives of General Psychiatry</i> , 2006 , 63, 611-21		146
220	Fronto-cerebellar systems are associated with infant motor and adult executive functions in healthy adults but not in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 15651-6	11.5	121
219	Empathizing with basic emotions: common and discrete neural substrates. <i>Social Neuroscience</i> , 2006 , 1, 364-84	2	134
218	Change detection in children with autism: an auditory event-related fMRI study. <i>NeuroImage</i> , 2006 , 29, 475-84	7.9	182
217	Modulation of effective connectivity by cognitive demand in phonological verbal fluency. <i>NeuroImage</i> , 2006 , 30, 266-71	7.9	43
216	The multiscale character of evoked cortical activity. <i>NeuroImage</i> , 2006 , 30, 1230-42	7.9	14
215	Variable precision registration via wavelets: optimal spatial scales for inter-subject registration of functional MRI. <i>NeuroImage</i> , 2006 , 31, 197-208	7.9	13
214	Task-induced deactivations during successful paired associates learning: an effect of age but not Alzheimer's disease. <i>NeuroImage</i> , 2006 , 31, 818-31	7.9	53

213	A resilient, low-frequency, small-world human brain functional network with highly connected association cortical hubs. <i>Journal of Neuroscience</i> , 2006 , 26, 63-72	6.6	1843
212	Explicit and implicit facial affect recognition in manic and depressed States of bipolar disorder: a functional magnetic resonance imaging study. <i>Biological Psychiatry</i> , 2006 , 59, 31-9	7.9	192
211	Evidence that brain tissue volumes are associated with HVA reactivity to metabolic stress in schizophrenia. <i>Schizophrenia Research</i> , 2006 , 86, 45-53	3.6	19
210	Adaptive reconfiguration of fractal small-world human brain functional networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 19518-23	11.5	646
209	fMRI of parents of children with Asperger Syndrome: a pilot study. <i>Brain and Cognition</i> , 2006 , 61, 122-30	2.7	101
208	Age and cholinergic effects on hemodynamics and functional coherence of human hippocampus. <i>Neurobiology of Aging</i> , 2006 , 27, 1395-404	5.6	89
207	Variations in the human cannabinoid receptor (CNR1) gene modulate striatal responses to happy faces. <i>European Journal of Neuroscience</i> , 2006 , 23, 1944-8	3.5	91
206	Applications of fMRI in translational medicine and clinical practice. <i>Nature Reviews Neuroscience</i> , 2006 , 7, 732-44	13.5	244
205	Small-world brain networks. <i>Neuroscientist</i> , 2006 , 12, 512-23	7.6	1622
204	Functional dysconnectivity in schizophrenia associated with attentional modulation of motor function. <i>Brain</i> , 2005 , 128, 2597-611	11.2	169
203	Reduced volume of parietal and frontal association areas in patients with schizophrenia characterized by passivity delusions. <i>Psychological Medicine</i> , 2005 , 35, 783-9	6.9	45
202	Fractional Gaussian noise, functional MRI and Alzheimer's disease. <i>NeuroImage</i> , 2005 , 25, 141-58	7.9	215
201	Neurophysiological architecture of functional magnetic resonance images of human brain. <i>Cerebral Cortex</i> , 2005 , 15, 1332-42	5.1	1019
200	Multiple hypothesis mapping of functional MRI data in orthogonal and complex wavelet domains. <i>IEEE Transactions on Signal Processing</i> , 2005 , 53, 3413-3426	4.8	15
199	Penalized partially linear models using sparse representations with an application to fMRI time series. <i>IEEE Transactions on Signal Processing</i> , 2005 , 53, 3436-3448	4.8	18
198	Brain response to visceral aversive conditioning: a functional magnetic resonance imaging study. <i>Gastroenterology</i> , 2005 , 128, 1819-29	13.3	107
197	Functional disconnectivity of the medial temporal lobe in Asperger's syndrome. <i>Biological Psychiatry</i> , 2005 , 57, 991-8	7.9	164
196	Hippocampus and amygdala volumes in schizophrenia and other psychoses in the Northern Finland 1966 birth cohort. <i>Schizophrenia Research</i> , 2005 , 75, 283-94	3.6	57

195	Visuospatial learning and executive function are independently impaired in first-episode psychosis. <i>Psychological Medicine</i> , 2005 , 35, 1031-41	6.9	78
194	Emotional memory: separating content and context. <i>Psychiatry Research - Neuroimaging</i> , 2005 , 138, 247-58	5.9	39
193	Formal characterization and extension of the linearized diffusion tensor model. <i>Human Brain Mapping</i> , 2005 , 24, 144-55	5.9	126
192	N-back working memory paradigm: a meta-analysis of normative functional neuroimaging studies. <i>Human Brain Mapping</i> , 2005 , 25, 46-59	5.9	2272
191	Impairment of specific episodic memory processes by sub-psychotic doses of ketamine: the effects of levels of processing at encoding and of the subsequent retrieval task. <i>Psychopharmacology</i> , 2005 , 181, 445-57	4.7	43
190	Individual differences in threat sensitivity predict serotonergic modulation of amygdala response to fearful faces. <i>Psychopharmacology</i> , 2005 , 180, 670-9	4.7	120
189	Plasma level-dependent effects of methylphenidate on task-related functional magnetic resonance imaging signal changes. <i>Psychopharmacology</i> , 2005 , 180, 624-33	4.7	38
188	Ketamine disrupts frontal and hippocampal contribution to encoding and retrieval of episodic memory: an fMRI study. <i>Cerebral Cortex</i> , 2005 , 15, 749-59	5.1	84
187	Functional neuroanatomy of successful paired associate learning in Alzheimer's disease. <i>American Journal of Psychiatry</i> , 2005 , 162, 2049-60	11.9	55
186	Undirected graphs of frequency-dependent functional connectivity in whole brain networks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005 , 360, 937-46	5.8	354
185	Regional volume deviations of brain structure in schizophrenia and psychotic bipolar disorder: computational morphometry study. <i>British Journal of Psychiatry</i> , 2005 , 186, 369-77	5.4	192
184	Association of genetic risks for schizophrenia and bipolar disorder with specific and generic brain structural endophenotypes. <i>Archives of General Psychiatry</i> , 2004 , 61, 974-84		311
183	Acute ketamine administration alters the brain responses to executive demands in a verbal working memory task: an fMRI study. <i>Neuropsychopharmacology</i> , 2004 , 29, 1203-14	8.7	85
182	Functional magnetic resonance imaging of the cerebral response to visual stimulation in medically unexplained visual loss. <i>Psychological Medicine</i> , 2004 , 34, 583-9	6.9	67
181	Lateralisation of language function in young adults born very preterm. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2004 , 89, F112-8	4.7	27
180	Attenuation of the neural response to sad faces in major depression by antidepressant treatment: a prospective, event-related functional magnetic resonance imaging study. <i>Archives of General Psychiatry</i> , 2004 , 61, 877-89		650
179	A functional MRI study of working memory task in euthymic bipolar disorder: evidence for task-specific dysfunction. <i>Bipolar Disorders</i> , 2004 , 6, 550-64	3.8	147
178	Heterozygous PAX6 mutation, adult brain structure and fronto-striato-thalamic function in a human family. <i>European Journal of Neuroscience</i> , 2004 , 19, 1505-12	3.5	54

177	Tests for a difference in timing of physiological response between two brain regions measured by using functional magnetic resonance imaging. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2004 , 53, 63-82	1.5	2
176	Permutation tests for factorially designed neuroimaging experiments. <i>Human Brain Mapping</i> , 2004 , 22, 193-205	5.9	80
175	Spatiotemporal wavelet resampling for functional neuroimaging data. <i>Human Brain Mapping</i> , 2004 , 23, 1-25	5.9	86
174	Human pharmacological MRI. <i>Trends in Pharmacological Sciences</i> , 2004 , 25, 366-74	13.2	188
173	Prediction error during retrospective revaluation of causal associations in humans: fMRI evidence in favor of an associative model of learning. <i>Neuron</i> , 2004 , 44, 877-88	13.9	66
172	Dopaminergic effects on electrophysiological and functional MRI measures of human cortical stimulus-response power laws. <i>NeuroImage</i> , 2004 , 21, 540-6	7.9	24
171	The hippocampal region is involved in successful recognition of both remote and recent famous faces. <i>NeuroImage</i> , 2004 , 22, 1704-14	7.9	78
170	Wavelets and functional magnetic resonance imaging of the human brain. <i>NeuroImage</i> , 2004 , 23 Suppl 1, S234-49	7.9	173
169	A comparative evaluation of wavelet-based methods for hypothesis testing of brain activation maps. <i>NeuroImage</i> , 2004 , 23, 1112-28	7.9	34
168	Behavioural and neurocognitive responses to sad facial affect are attenuated in patients with mania. <i>Psychological Medicine</i> , 2004 , 34, 795-802	6.9	159
167	Standardized whole brain mapping of tubers and subependymal nodules in tuberous sclerosis complex. <i>Journal of Child Neurology</i> , 2004 , 19, 658-65	2.5	57
166	Effects of very low birthweight on brain structure in adulthood. <i>Developmental Medicine and Child Neurology</i> , 2004 , 46, 46-53	3.3	39
165	Prediction Error during Retrospective Revaluation of Causal Associations in Humans fMRI Evidence in Favor of an Associative Model of Learning. <i>Neuron</i> , 2004 , 44, 877-888	13.9	142
164	The effect of negative emotional context on neural and behavioural responses to oesophageal stimulation. <i>Brain</i> , 2003 , 126, 669-84	11.2	159
163	Dopaminergic drug effects on physiological connectivity in a human cortico-striato-thalamic system. <i>Brain</i> , 2003 , 126, 1767-81	11.2	135
162	Wavelet-based approaches for multiple hypothesis testing in activation mapping of functional magnetic resonance images of the human brain 2003 , 5207, 405		3
161	The functional neuroanatomy of schizophrenic subsyndromes. <i>Psychological Medicine</i> , 2003 , 33, 1007-186.9		55
160	The eye & mind: brain mapping and psychiatry. <i>British Journal of Psychiatry</i> , 2003 , 182, 381-384	5.4	11

159	Inhibition of subliminally primed responses is mediated by the caudate and thalamus: evidence from functional MRI and Huntington's disease. <i>Brain</i> , 2003 , 126, 713-23	11.2	142
158	Functional magnetic resonance imaging in psychiatry: where are we now and where are we going? 2003 , 171-180		
157	Searching for a structural endophenotype in psychosis using computational morphometry. <i>Psychiatry Research - Neuroimaging</i> , 2003 , 122, 153-67	2.9	57
156	Cerebral tissue alterations and daily life stress experience in psychosis. <i>Acta Psychiatrica Scandinavica</i> , 2003 , 107, 54-9	6.5	6
155	Stop-signal inhibition disrupted by damage to right inferior frontal gyrus in humans. <i>Nature Neuroscience</i> , 2003 , 6, 115-6	25.5	1322
154	Task instructions modulate neural responses to fearful facial expressions. <i>Biological Psychiatry</i> , 2003 , 53, 226-32	7.9	175
153	GABAergic inhibitory mechanisms for repetition-adaptivity in large-scale brain systems. <i>NeuroImage</i> , 2003 , 19, 1578-88	7.9	18
152	Wavelets and statistical analysis of functional magnetic resonance images of the human brain. <i>Statistical Methods in Medical Research</i> , 2003 , 12, 375-99	2.3	102
151	Neuroanatomical abnormalities before and after onset of psychosis: a cross-sectional and longitudinal MRI comparison. <i>Lancet, The</i> , 2003 , 361, 281-8	40	1044
150	Nonreplication of the association between ab-ridge count and cerebral structural measures in schizophrenia. <i>Comprehensive Psychiatry</i> , 2003 , 44, 459-61	7.3	4
149	Regional brain activations predicting subsequent memory success: an event-related fMRI study of the influence of encoding tasks. <i>Cortex</i> , 2003 , 39, 1009-26	3.8	74
148	Practice and difficulty evoke anatomically and pharmacologically dissociable brain activation dynamics. <i>Cerebral Cortex</i> , 2003 , 13, 144-54	5.1	40
147	The neural correlates of intentional and incidental self processing. <i>Neuropsychologia</i> , 2002 , 40, 683-92	3.2	156
146	Novelty-related activation within the medial temporal lobes. <i>Neuropsychologia</i> , 2002 , 40, 1456-64	3.2	30
145	Modulation of activity in temporal cortex during generation of inner speech. <i>Human Brain Mapping</i> , 2002 , 16, 219-27	5.9	138
144	Behavioural insensitivity to sad facial expressions is associated with attenuated activation of amygdala and cingulate regions in patients with mania. <i>Bipolar Disorders</i> , 2002 , 4, 89-89	3.8	1
143	Functional magnetic resonance imaging of synesthesia: activation of V4/V8 by spoken words. <i>Nature Neuroscience</i> , 2002 , 5, 371-5	25.5	268
142	A computational morphometric MRI study of schizophrenia: effects of hallucinations. <i>Cerebral Cortex</i> , 2002 , 12, 1331-41	5.1	132

141	Sex differences in functional brain activation during a lexical visual field task. <i>Brain and Language</i> , 2002 , 80, 97-105	2.9	47
140	De-coupling of cognitive performance and cerebral functional response during working memory in schizophrenia. <i>Schizophrenia Research</i> , 2002 , 53, 45-56	3.6	98
139	Procedural learning in schizophrenia: a functional magnetic resonance imaging investigation. <i>Schizophrenia Research</i> , 2002 , 57, 97-107	3.6	84
138	Increased duration of illness is associated with reduced volume in right medial temporal/anterior cingulate grey matter in patients with chronic schizophrenia. <i>Schizophrenia Research</i> , 2002 , 57, 43-9	3.6	78
137	Wavelet-generalized least squares: a new BLU estimator of linear regression models with 1/f errors. <i>NeuroImage</i> , 2002 , 15, 217-32	7.9	76
136	Genetic contributions to regional variability in human brain structure: methods and preliminary results. <i>NeuroImage</i> , 2002 , 17, 256-71	7.9	176
135	Multidimensional scaling of integrated neurocognitive function and schizophrenia as a disconnection disorder. <i>NeuroImage</i> , 2002 , 17, 1227-39	7.9	27
134	Functional magnetic resonance imaging of the cortical response to photic stimulation in humans following optic neuritis recovery. <i>Neuroscience Letters</i> , 2002 , 330, 255-9	3.3	48
133	Functional brain mapping of psychopathology. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002 , 72, 432-9	5.5	19
132	Effects of verbal working memory load on corticocortical connectivity modeled by path analysis of functional magnetic resonance imaging data. <i>NeuroImage</i> , 2002 , 17, 573-82	7.9	57
131	Effect of slice orientation on reproducibility of fMRI motor activation at 3 Tesla. <i>Magnetic Resonance Imaging</i> , 2001 , 19, 1323-31	3.3	13
130	Colored noise and computational inference in neurophysiological (fMRI) time series analysis: resampling methods in time and wavelet domains. <i>Human Brain Mapping</i> , 2001 , 12, 61-78	5.9	498
129	Time courses of left and right amygdalar responses to fearful facial expressions. <i>Human Brain Mapping</i> , 2001 , 12, 193-202	5.9	185
128	Responses of human frontal cortex to surprising events are predicted by formal associative learning theory. <i>Nature Neuroscience</i> , 2001 , 4, 1043-8	25.5	179
127	Differential frontal activation in schizophrenia and bipolar illness during verbal fluency. <i>Journal of Affective Disorders</i> , 2001 , 66, 111-21	6.6	94
126	Recognizing one's own face. <i>Cognition</i> , 2001 , 78, B1-B15	3.5	292
125	Brain activation during automatic and controlled processing of semantic relations: a priming experiment using lexical-decision. <i>Neuropsychologia</i> , 2001 , 39, 1167-76	3.2	96
124	Depersonalization disorder: thinking without feeling. <i>Psychiatry Research - Neuroimaging</i> , 2001 , 108, 145-60	2.9	131

123	Volumetric analysis reveals corticospinal tract degeneration and extramotor involvement in ALS. <i>Neurology</i> , 2001 , 57, 1571-8	6.5	159
122	The effect of acute hypoglycemia on brain function and activation: a functional magnetic resonance imaging study. <i>Diabetes</i> , 2001 , 50, 1618-26	0.9	64
121	A functional study of auditory verbal imagery. <i>Psychological Medicine</i> , 2001 , 31, 241-53	6.9	186
120	Functional magnetic resonance imaging. <i>International Review of Psychiatry</i> , 2001 , 13, 24-33	3.6	23
119	Identifying rate-limiting nodes in large-scale cortical networks for visuospatial processing: an illustration using fMRI. <i>Journal of Cognitive Neuroscience</i> , 2001 , 13, 537-45	3.1	71
118	Structural abnormalities in frontal, temporal, and limbic regions and interconnecting white matter tracts in schizophrenic patients with prominent negative symptoms. <i>American Journal of Psychiatry</i> , 2001 , 158, 234-43	11.9	398
117	An fMRI study of reduced left prefrontal activation in schizophrenia during normal inhibitory function. <i>Schizophrenia Research</i> , 2001 , 52, 47-55	3.6	152
116	Colored noise and computational inference in fMRI time series analysis: resampling methods in time and wavelet domains. <i>NeuroImage</i> , 2001 , 13, 86	7.9	4
115	Mapping motor inhibition: conjunctive brain activations across different versions of go/no-go and stop tasks. <i>NeuroImage</i> , 2001 , 13, 250-61	7.9	785
114	Asymmetrical activation of human visual cortex demonstrated by functional MRI with monocular stimulation. <i>NeuroImage</i> , 2001 , 14, 632-41	7.9	30
113	Audio-visual speech perception in schizophrenia: an fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2001 , 106, 1-14	2.9	63
112	Widespread anatomical abnormalities of grey and white matter structure in tuberous sclerosis. <i>Psychological Medicine</i> , 2001 , 31, 1437-46	6.9	71
111	Distributed grey and white matter deficits in hyperkinetic disorder: MRI evidence for anatomical abnormality in an attentional network. <i>Psychological Medicine</i> , 2001 , 31, 1425-35	6.9	160
110	Neuroimaging correlates of negative priming. <i>NeuroReport</i> , 2001 , 12, 3619-24	1.7	43
109	In Praise of Tedious Permutation. <i>Lecture Notes in Statistics</i> , 2001 , 183-200	2.9	4
108	Does frontal lobe activation during retrieval reflect complexity of retrieved information?. <i>NeuroReport</i> , 2000 , 11, 557-61	1.7	10
107	A differential neural response in obsessive-compulsive disorder patients with washing compared with checking symptoms to disgust. <i>Psychological Medicine</i> , 2000 , 30, 1037-50	6.9	194
106	Explicit and implicit neural mechanisms for processing of social information from facial expressions: a functional magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2000 , 9, 93-105	5.9	382

105	Hemispheric preference in visuospatial processing: a complementary approach with fMRI and lesion studies. <i>Human Brain Mapping</i> , 2000 , 10, 80-6	5.9	69
104	The amygdala theory of autism. <i>Neuroscience and Biobehavioral Reviews</i> , 2000 , 24, 355-64	9	885
103	Functional frontalisation with age: mapping neurodevelopmental trajectories with fMRI. <i>Neuroscience and Biobehavioral Reviews</i> , 2000 , 24, 13-9	9	443
102	The functional neuroanatomy of implicit-motion perception or representational momentum. <i>Current Biology</i> , 2000 , 10, 16-22	6.3	189
101	Cortical activity during rotational and linear transformations. <i>Neuropsychologia</i> , 2000 , 38, 1148-56	3.2	66
100	Cerebral regions associated with verbal response initiation, suppression and strategy use. <i>Neuropsychologia</i> , 2000 , 38, 1292-304	3.2	56
99	Cortical processing of human somatic and visceral sensation. <i>Journal of Neuroscience</i> , 2000 , 20, 2657-63	6.6	182
98	Common and distinct neural substrates for pragmatic, semantic, and syntactic processing of spoken sentences: an fMRI study. <i>Journal of Cognitive Neuroscience</i> , 2000 , 12, 321-41	3.1	274
97	Recovery from optic neuritis is associated with a change in the distribution of cerebral response to visual stimulation: a functional magnetic resonance imaging study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2000 , 68, 441-9	5.5	135
96	Functional anatomy of auditory verbal imagery in schizophrenic patients with auditory hallucinations. <i>American Journal of Psychiatry</i> , 2000 , 157, 1691-3	11.9	166
95	Meta-analysis of regional brain volumes in schizophrenia. <i>American Journal of Psychiatry</i> , 2000 , 157, 16-25	11.9	1323
94	Exploring the social brain in schizophrenia: left prefrontal underactivation during mental state attribution. <i>American Journal of Psychiatry</i> , 2000 , 157, 2040-2	11.9	211
93	Towards a functional neuroanatomy of self processing: effects of faces and words. <i>Cognitive Brain Research</i> , 2000 , 10, 133-44		322
92	How good is good enough in path analysis of fMRI data?. <i>NeuroImage</i> , 2000 , 11, 289-301	7.9	200
91	Prolonged reaction time to a verbal working memory task predicts increased power of posterior parietal cortical activation. <i>NeuroImage</i> , 2000 , 12, 495-503	7.9	190
90	The functional neuroanatomy of social behaviour: changes in cerebral blood flow when people with autistic disorder process facial expressions. <i>Brain</i> , 2000 , 123 (Pt 11), 2203-12	11.2	648
89	Testing for laterality differences in regional brain volumes. <i>Archives of General Psychiatry</i> , 2000 , 57, 511-2		6
88	Storage of Verbal Associations Is Sufficient to Activate the Left Medial Temporal Lobe. <i>Behavioural Neurology</i> , 1999 , 11, 163-172	3	5

87	Supra-regional brain systems and the neuropathology of schizophrenia. <i>Cerebral Cortex</i> , 1999 , 9, 366-78	5.1	84
86	Hypofrontality in attention deficit hyperactivity disorder during higher-order motor control: a study with functional MRI. <i>American Journal of Psychiatry</i> , 1999 , 156, 891-6	11.9	800
85	Differences in frontal cortical activation by a working memory task after substitution of risperidone for typical antipsychotic drugs in patients with schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 13432-7	11.5	241
84	Removal of extracerebral tissues in dual-echo magnetic resonance images via linear scale-space features. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 247-56	3.3	49
83	A modified fuzzy clustering algorithm for operator independent brain tissue classification of dual echo MR images. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 1065-76	3.3	133
82	Social intelligence in the normal and autistic brain: an fMRI study. <i>European Journal of Neuroscience</i> , 1999 , 11, 1891-8	3.5	939
81	Functional magnetic resonance imaging neuroactivation studies in normal subjects and subjects with the narcoleptic syndrome. Actions of modafinil. <i>Journal of Sleep Research</i> , 1999 , 8, 85-93	5.8	132
80	Mixture model mapping of the brain activation in functional magnetic resonance images. <i>Human Brain Mapping</i> , 1999 , 7, 1-14	5.9	62
79	Methods for diagnosis and treatment of stimulus-correlated motion in generic brain activation studies using fMRI. <i>Human Brain Mapping</i> , 1999 , 7, 38-48	5.9	335
78	Functional MR imaging of confounded hypofrontality. <i>Human Brain Mapping</i> , 1999 , 8, 86-91	5.9	24
77	Global, voxel, and cluster tests, by theory and permutation, for a difference between two groups of structural MR images of the brain. <i>IEEE Transactions on Medical Imaging</i> , 1999 , 18, 32-42	11.7	839
76	A differential neural response to threatening and non-threatening negative facial expressions in paranoid and non-paranoid schizophrenics. <i>Psychiatry Research - Neuroimaging</i> , 1999 , 92, 11-31	2.9	228
75	Attenuated frontal activation in schizophrenia may be task dependent. <i>Schizophrenia Research</i> , 1999 , 37, 35-44	3.6	91
74	Cerebral correlates of preserved cognitive skills in autism: a functional MRI study of embedded figures task performance. <i>Brain</i> , 1999 , 122 (Pt 7), 1305-15	11.2	242
73	The functional anatomy of the McCollough contingent colour after-effect. <i>NeuroReport</i> , 1999 , 10, 195-9	1.7	26
72	Response amplification in sensory-specific cortices during crossmodal binding. <i>NeuroReport</i> , 1999 , 10, 2619-23	1.7	284
71	Functional MR imaging of confounded hypofrontality	1999 , 8, 86	2
70	Prefrontal involvement in "temporal bridging" and timing movement. <i>Neuropsychologia</i> , 1998 , 36, 1283-93	3.2	110

69	Functional anatomy of calorie fear in anorexia nervosa. <i>Lancet, The</i> , 1998 , 352, 1192	4.0	144
68	Investigation of facial recognition memory and happy and sad facial expression perception: an fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 1998 , 83, 127-38	2.9	162
67	Prefrontal cortex involvement in selective letter generation: a functional magnetic resonance imaging study. <i>Cortex</i> , 1998 , 34, 389-401	3.8	40
66	Neural responses to facial and vocal expressions of fear and disgust. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 1809-17	4.4	565
65	Does dysplasia cause anatomical dysconnectivity in schizophrenia?. <i>Schizophrenia Research</i> , 1998 , 30, 127-35	3.6	90
64	What can functional imaging tell us about the aetiology of schizophrenia?. <i>European Psychiatry</i> , 1998 , 13, 133s-133s	6	
63	The structural and functional mechanisms of motor recovery: complementary use of diffusion tensor and functional magnetic resonance imaging in a traumatic injury of the internal capsule. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1998 , 65, 863-9	5.5	92
62	Attenuated frontal activation during a verbal fluency task in patients with schizophrenia. <i>American Journal of Psychiatry</i> , 1998 , 155, 1056-63	11.9	223
61	Reduced levels of GABA-benzodiazepine receptor in alcohol dependency in the absence of grey matter atrophy. <i>British Journal of Psychiatry</i> , 1998 , 173, 116-22	5.4	105
60	The functional anatomy of imagining and perceiving colour. <i>NeuroReport</i> , 1998 , 9, 1019-23	1.7	131
59	Auditory hallucinations and the temporal cortical response to speech in schizophrenia: a functional magnetic resonance imaging study. <i>American Journal of Psychiatry</i> , 1997 , 154, 1676-82	11.9	298
58	Structural brain abnormalities in male schizophrenics reflect fronto-temporal dissociation. <i>Psychological Medicine</i> , 1997 , 27, 1257-66	6.9	100
57	Functional MR imaging during odor stimulation: preliminary data. <i>Radiology</i> , 1997 , 204, 833-8	20.5	135
56	A functional magnetic resonance imaging study of episodic memory. <i>NeuroReport</i> , 1997 , 8, 2671-5	1.7	21
55	The analysis of functional magnetic resonance images. <i>Statistical Methods in Medical Research</i> , 1997 , 6, 215-37	2.3	22
54	Seeing visual hallucinations with functional magnetic resonance imaging. <i>Dementia and Geriatric Cognitive Disorders</i> , 1997 , 8, 73-7	2.6	24
53	The dysplastic net hypothesis: an integration of developmental and dysconnectivity theories of schizophrenia. <i>Schizophrenia Research</i> , 1997 , 28, 143-56	3.6	218
52	Altered lateralisation of auditory cortical response to external speech in schizophrenia. <i>Schizophrenia Research</i> , 1997 , 24, 173	3.6	3

51	Activation of auditory cortex during silent lipreading. <i>Science</i> , 1997 , 276, 593-6	33.3	845
50	A specific neural substrate for perceiving facial expressions of disgust. <i>Nature</i> , 1997 , 389, 495-8	50.4	1319
49	Generic brain activation mapping in functional magnetic resonance imaging: a nonparametric approach. <i>Magnetic Resonance Imaging</i> , 1997 , 15, 763-70	3.3	411
48	The analysis of functional magnetic resonance images. <i>Statistical Methods in Medical Research</i> , 1997 , 6, 215-237	2.3	23
47	Functional magnetic resonance image analysis of a large-scale neurocognitive network. <i>NeuroImage</i> , 1996 , 4, 16-33	7.9	127
46	A survey of psychosexual arousability in male patients on depot neuroleptic medication. <i>European Psychiatry</i> , 1996 , 11, 81-6	6	9
45	Auditory hallucinations inhibit exogenous activation of auditory association cortex. <i>NeuroReport</i> , 1996 , 7, 932-6	1.7	170
44	A direct demonstration of functional specialization within motion-related visual and auditory cortex of the human brain. <i>Current Biology</i> , 1996 , 6, 1015-9	6.3	157
43	Statistical methods of estimation and inference for functional MR image analysis. <i>Magnetic Resonance in Medicine</i> , 1996 , 35, 261-77	4.4	570
42	Functional echoplanar brain imaging correlates of amphetamine administration to normal subjects and subjects with the narcoleptic syndrome. <i>Magnetic Resonance Imaging</i> , 1996 , 14, 1013-6	3.3	24
41	Activation of area V5 by visual perception of motion demonstrated with echoplanar MR imaging. <i>Magnetic Resonance Imaging</i> , 1995 , 13, 907-9	3.3	10
40	Cerebral hemispheric asymmetry revisited: effects of handedness, gender and schizophrenia measured by radius of gyration in magnetic resonance images. <i>Psychological Medicine</i> , 1995 , 25, 349-63	6.9	36
39	Against the laterality index as a measure of cerebral asymmetry. <i>Psychiatry Research - Neuroimaging</i> , 1995 , 61, 121-4	2.9	13
38	Cortical response to exogenous visual stimulation during visual hallucinations. <i>Lancet, The</i> , 1995 , 345, 70	40	21
37	Auditory hallucinations and perception of external speech. <i>Lancet, The</i> , 1995 , 346, 1035	40	56
36	Computerized brain tissue classification of magnetic resonance images: a new approach to the problem of partial volume artifact. <i>NeuroImage</i> , 1995 , 2, 133-47	7.9	40
35	Neural correlates of working memory in a visual letter monitoring task: an fMRI study. <i>NeuroReport</i> , 1995 , 7, 109-112	1.7	25
34	Neural correlates of working memory in a visual letter monitoring task: an fMRI study. <i>NeuroReport</i> , 1995 , 7, 109-12	1.7	24

33	Fractal analysis of electroencephalographic signals intracerebrally recorded during 35 epileptic seizures: evaluation of a new method for synoptic visualisation of ictal events. <i>Electroencephalography and Clinical Neurophysiology</i> , 1994 , 91, 337-45		48
32	Fractal analysis of the boundary between white matter and cerebral cortex in magnetic resonance images: a controlled study of schizophrenic and manic-depressive patients. <i>Psychological Medicine</i> , 1994 , 24, 771-81	6.9	78
31	A computerised quality assurance system (QAS) on a general psychiatric ward: Towards efficient clinical audit. <i>Journal of Mental Health</i> , 1992 , 1, 257-263	2.7	3
30	A new technique for fractal analysis applied to human, intracerebrally recorded, ictal electroencephalographic signals. <i>Neuroscience Letters</i> , 1992 , 146, 227-30	3.3	12
29	Psychiatrists' experiences of trust status hospitals. <i>Psychiatric Bulletin</i> , 1992 , 16, 680-682		
28	A survey of attitudes to NHS reform among consultant psychiatrists in trust administered hospitals. <i>Psychiatric Bulletin</i> , 1992 , 16, 678-679		1
27	NeuroGrid: using grid technology to advance neuroscience		12
26	Intrinsic excitation-inhibition imbalance affects medial prefrontal cortex differently in autistic men versus women		1
25	Morphometric Similarity Networks Detect Microscale Cortical Organisation and Predict Inter-Individual Cognitive Variation. <i>SSRN Electronic Journal</i> ,	1	1
24	Unsupervised data-driven stratification of mentalizing heterogeneity in autism		8
23	Developmental cognitive neuroscience using Latent Change Score models: A tutorial and applications		5
22	Treatment-resistant depression and peripheral C-reactive protein		1
21	A modest increase in ¹¹ C-PK11195-PET TSPO binding in depression is not associated with serum C-reactive protein or body mass index		2
20	An expanding manifold in transmodal regions characterizes adolescent reconfiguration of structural connectome organization		4
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
17	Peripheral inflammation is associated with micro-structural and functional connectivity changes in depression-related brain networks		1
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
14	Compulsivity and impulsivity are linked to distinct aberrant developmental trajectories of fronto-striatal myelination	4
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11	Cortical patterning of abnormal morphometric similarity in psychosis is associated with brain expression of schizophrenia related genes	3
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