

E T Bullmore

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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	Complex brain networks: graph theoretical analysis of structural and functional systems. <i>Nature Reviews Neuroscience</i> , 2009 , 10, 186-98	13.5	7021
643	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
642	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
641	The economy of brain network organization. <i>Nature Reviews Neuroscience</i> , 2012 , 13, 336-49	13.5	1874
640	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
639	Efficiency and cost of economical brain functional networks. <i>PLoS Computational Biology</i> , 2007 , 3, e17	5	1664
638	Small-world brain networks. <i>Neuroscientist</i> , 2006 , 12, 512-23	7.6	1622
637	Network-based statistic: identifying differences in brain networks. <i>NeuroImage</i> , 2010 , 53, 1197-207	7.9	1409
636	Meta-analysis of regional brain volumes in schizophrenia. <i>American Journal of Psychiatry</i> , 2000 , 157, 16-25	11.9	1323
635	Stop-signal inhibition disrupted by damage to right inferior frontal gyrus in humans. <i>Nature Neuroscience</i> , 2003 , 6, 115-6	25.5	1322
634	A specific neural substrate for perceiving facial expressions of disgust. <i>Nature</i> , 1997 , 389, 495-8	50.4	1319
633	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
632	Neurophysiological architecture of functional magnetic resonance images of human brain. <i>Cerebral Cortex</i> , 2005 , 15, 1332-42	5.1	1019
631	Functional connectivity and brain networks in schizophrenia. <i>Journal of Neuroscience</i> , 2010 , 30, 9477-87	6.6	960
630	Social intelligence in the normal and autistic brain: an fMRI study. <i>European Journal of Neuroscience</i> , 1999 , 11, 1891-8	3.5	939
629	Hierarchical organization of human cortical networks in health and schizophrenia. <i>Journal of Neuroscience</i> , 2008 , 28, 9239-48	6.6	907
628	The amygdala theory of autism. <i>Neuroscience and Biobehavioral Reviews</i> , 2000 , 24, 355-64	9	885

627	Whole-brain anatomical networks: does the choice of nodes matter?. <i>NeuroImage</i> , 2010 , 50, 970-83	7.9	877
626	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
625	Activation of auditory cortex during silent lipreading. <i>Science</i> , 1997 , 276, 593-6	33.3	845
624	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
623	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
622	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
621	Brain graphs: graphical models of the human brain connectome. <i>Annual Review of Clinical Psychology</i> , 2011 , 7, 113-40	20.5	746
620	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
619	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
618	Modular and hierarchically modular organization of brain networks. <i>Frontiers in Neuroscience</i> , 2010 , 4, 200	5.1	666
617	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
616	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
615	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
614	Human brain networks in health and disease. <i>Current Opinion in Neurology</i> , 2009 , 22, 340-7	7.1	600
613	Age-related changes in modular organization of human brain functional networks. <i>NeuroImage</i> , 2009 , 44, 715-23	7.9	587
612	Statistical methods of estimation and inference for functional MR image analysis. <i>Magnetic Resonance in Medicine</i> , 1996 , 35, 261-77	4.4	570
611	Imaging structural co-variance between human brain regions. <i>Nature Reviews Neuroscience</i> , 2013 , 14, 322-36	13.5	569
610	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

609	Meta-analysis of diffusion tensor imaging studies in schizophrenia. <i>Schizophrenia Research</i> , 2009 , 108, 3-10	3.6	539
608	Probing compulsive and impulsive behaviors, from animal models to endophenotypes: a narrative review. <i>Neuropsychopharmacology</i> , 2010 , 35, 591-604	8.7	504
607	Schizophrenia, neuroimaging and connectomics. <i>NeuroImage</i> , 2012 , 62, 2296-314	7.9	503
606	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
605	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	494
604	The anatomy of first-episode and chronic schizophrenia: an anatomical likelihood estimation meta-analysis. <i>American Journal of Psychiatry</i> , 2008 , 165, 1015-23	11.9	494
603	Leptin regulates striatal regions and human eating behavior. <i>Science</i> , 2007 , 317, 1355	33.3	452
602	Functional frontalisation with age: mapping neurodevelopmental trajectories with fMRI. <i>Neuroscience and Biobehavioral Reviews</i> , 2000 , 24, 13-9	9	443
601	Anatomy of bipolar disorder and schizophrenia: a meta-analysis. <i>Schizophrenia Research</i> , 2010 , 117, 1-12	3.6	434
600	Orbitofrontal dysfunction in patients with obsessive-compulsive disorder and their unaffected relatives. <i>Science</i> , 2008 , 321, 421-2	33.3	420
599	Generic brain activation mapping in functional magnetic resonance imaging: a nonparametric approach. <i>Magnetic Resonance Imaging</i> , 1997 , 15, 763-70	3.3	411
598	Hierarchical modularity in human brain functional networks. <i>Frontiers in Neuroinformatics</i> , 2009 , 3, 37	3.9	409
597	Abnormal brain structure implicated in stimulant drug addiction. <i>Science</i> , 2012 , 335, 601-4	33.3	407
596	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
595	Powerlaw: a Python package for analysis of heavy-tailed distributions. <i>PLoS ONE</i> , 2014 , 9, e85777	3.7	385
594	Disorders of compulsivity: a common bias towards learning habits. <i>Molecular Psychiatry</i> , 2015 , 20, 345-52	5.1	382
593	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
592	Substantia nigra/ventral tegmental reward prediction error disruption in psychosis. <i>Molecular Psychiatry</i> , 2008 , 13, 239, 267-76	15.1	376

591	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
590	Disrupted axonal fiber connectivity in schizophrenia. <i>Biological Psychiatry</i> , 2011 , 69, 80-9	7.9	363
589	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
588	Broadband criticality of human brain network synchronization. <i>PLoS Computational Biology</i> , 2009 , 5, e1000314	5.9	353
587	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
586	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
585	Towards a functional neuroanatomy of self processing: effects of faces and words. <i>Cognitive Brain Research</i> , 2000 , 10, 133-44		322
584	A quantitative meta-analysis of fMRI studies in bipolar disorder. <i>Bipolar Disorders</i> , 2011 , 13, 1-15	3.8	321
583	Neurocognitive endophenotypes of obsessive-compulsive disorder. <i>Brain</i> , 2007 , 130, 3223-36	11.2	318
582	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
581	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
580	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
579	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
578	Disrupted prediction-error signal in psychosis: evidence for an associative account of delusions. <i>Brain</i> , 2007 , 130, 2387-400	11.2	304
577	Small-World Brain Networks Revisited. <i>Neuroscientist</i> , 2017 , 23, 499-516	7.6	303
576	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
575	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
574	Drug addiction endophenotypes: impulsive versus sensation-seeking personality traits. <i>Biological Psychiatry</i> , 2010 , 68, 770-3	7.9	297

573	The convergence of maturational change and structural covariance in human cortical networks. <i>Journal of Neuroscience</i> , 2013 , 33, 2889-99	6.6	294
572	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
571	Recognizing one's own face. <i>Cognition</i> , 2001 , 78, B1-B15	3.5	292
570	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
569	On the use of correlation as a measure of network connectivity. <i>NeuroImage</i> , 2012 , 60, 2096-106	7.9	286
568	Response amplification in sensory-specific cortices during crossmodal binding. <i>NeuroReport</i> , 1999 , 10, 2619-23	1.7	284
567	Efficient physical embedding of topologically complex information processing networks in brains and computer circuits. <i>PLoS Computational Biology</i> , 2010 , 6, e1000748	5	283
566	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
565	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
564	Cognitive effort drives workspace configuration of human brain functional networks. <i>Journal of Neuroscience</i> , 2011 , 31, 8259-70	6.6	273
563	Functional magnetic resonance imaging of synesthesia: activation of V4/V8 by spoken words. <i>Nature Neuroscience</i> , 2002 , 5, 371-5	25.5	268
562	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
561	Shared neural circuits for mentalizing about the self and others. <i>Journal of Cognitive Neuroscience</i> , 2010 , 22, 1623-35	3.1	256
560	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
559	Atypical neural self-representation in autism. <i>Brain</i> , 2010 , 133, 611-24	11.2	253
558	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
557	Applications of fMRI in translational medicine and clinical practice. <i>Nature Reviews Neuroscience</i> , 2006 , 7, 732-44	13.5	244
556	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

555	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
554	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
553	Increased Global Functional Connectivity Correlates with LSD-Induced Ego Dissolution. <i>Current Biology</i> , 2016 , 26, 1043-50	6.3	237
552	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
551	Genetic influences on cost-efficient organization of human cortical functional networks. <i>Journal of Neuroscience</i> , 2011 , 31, 3261-70	6.6	235
550	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
549	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
548	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
547	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
546	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
545	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
544	The dysplastic net hypothesis: an integration of developmental and dysconnectivity theories of schizophrenia. <i>Schizophrenia Research</i> , 1997 , 28, 143-56	3.6	218
543	Fetal testosterone influences sexually dimorphic gray matter in the human brain. <i>Journal of Neuroscience</i> , 2012 , 32, 674-80	6.6	216
542	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
541	Fractional Gaussian noise, functional MRI and Alzheimer's disease. <i>NeuroImage</i> , 2005 , 25, 141-58	7.9	215
540	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
539	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
538	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

537	Comparative Connectomics. <i>Trends in Cognitive Sciences</i> , 2016 , 20, 345-361	14	202
536	The rich club of the <i>C. elegans</i> neuronal connectome. <i>Journal of Neuroscience</i> , 2013 , 33, 6380-7	6.6	201
535	How good is good enough in path analysis of fMRI data?. <i>NeuroImage</i> , 2000 , 11, 289-301	7.9	200
534	Biological sex affects the neurobiology of autism. <i>Brain</i> , 2013 , 136, 2799-815	11.2	198
533	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
532	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
531	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
530	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
529	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
528	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
527	The functional neuroanatomy of implicit-motion perception or representational momentum. <i>Current Biology</i> , 2000 , 10, 16-22	6.3	189
526	Human pharmacological MRI. <i>Trends in Pharmacological Sciences</i> , 2004 , 25, 366-74	13.2	188
525	A functional study of auditory verbal imagery. <i>Psychological Medicine</i> , 2001 , 31, 241-53	6.9	186
524	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
523	Time courses of left and right amygdalar responses to fearful facial expressions. <i>Human Brain Mapping</i> , 2001 , 12, 193-202	5.9	185
522	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
521	Reproducibility of graph metrics of human brain functional networks. <i>NeuroImage</i> , 2009 , 47, 1460-8	7.9	184
520	Change detection in children with autism: an auditory event-related fMRI study. <i>NeuroImage</i> , 2006 , 29, 475-84	7.9	182

519	Cortical processing of human somatic and visceral sensation. <i>Journal of Neuroscience</i> , 2000 , 20, 2657-63	6.6	182
518	Generative models of the human connectome. <i>NeuroImage</i> , 2016 , 124, 1054-1064	7.9	180
517	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
516	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
515	A simple view of the brain through a frequency-specific functional connectivity measure. <i>NeuroImage</i> , 2008 , 39, 279-89	7.9	176
514	Genetic contributions to regional variability in human brain structure: methods and preliminary results. <i>NeuroImage</i> , 2002 , 17, 256-71	7.9	176
513	Task instructions modulate neural responses to fearful facial expressions. <i>Biological Psychiatry</i> , 2003 , 53, 226-32	7.9	175
512	Wavelets and functional magnetic resonance imaging of the human brain. <i>NeuroImage</i> , 2004 , 23 Suppl 1, S234-49	7.9	173
511	Functional coupling of the amygdala in depressed patients treated with antidepressant medication. <i>Neuropsychopharmacology</i> , 2008 , 33, 1909-18	8.7	170
510	Psychological effects of ketamine in healthy volunteers. Phenomenological study. <i>British Journal of Psychiatry</i> , 2006 , 189, 173-9	5.4	170
509	Auditory hallucinations inhibit exogenous activation of auditory association cortex. <i>NeuroReport</i> , 1996 , 7, 932-6	1.7	170
508	Functional dysconnectivity in schizophrenia associated with attentional modulation of motor function. <i>Brain</i> , 2005 , 128, 2597-611	11.2	169
507	Neuronal avalanches in the resting MEG of the human brain. <i>Journal of Neuroscience</i> , 2013 , 33, 7079-90	6.6	168
506	Functional dysconnectivity of corticostriatal circuitry as a risk phenotype for psychosis. <i>JAMA Psychiatry</i> , 2013 , 70, 1143-51	14.5	168
505	Structural brain change in Attention Deficit Hyperactivity Disorder identified by meta-analysis. <i>BMC Psychiatry</i> , 2008 , 8, 51	4.2	167
504	White matter abnormalities in patients with obsessive-compulsive disorder and their first-degree relatives. <i>American Journal of Psychiatry</i> , 2008 , 165, 1308-15	11.9	166
503	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
502	Functional disconnectivity of the medial temporal lobe in Asperger's syndrome. <i>Biological Psychiatry</i> , 2005 , 57, 991-8	7.9	164

501	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
500	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
499	The effect of negative emotional context on neural and behavioural responses to oesophageal stimulation. <i>Brain</i> , 2003 , 126, 669-84	11.2	159
498	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
497	Volumetric analysis reveals corticospinal tract degeneration and extramotor involvement in ALS. <i>Neurology</i> , 2001 , 57, 1571-8	6.5	159
496	Connectivity differences in brain networks. <i>NeuroImage</i> , 2012 , 60, 1055-62	7.9	157
495	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
494	The neural correlates of intentional and incidental self processing. <i>Neuropsychologia</i> , 2002 , 40, 683-92	3.2	156
493	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
492	Treatment-resistant depression and peripheral C-reactive protein. <i>British Journal of Psychiatry</i> , 2019 , 214, 11-19	5.4	152
491	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
490	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
489	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	151
488	Morphometric Similarity Networks Detect Microscale Cortical Organization and Predict Inter-Individual Cognitive Variation. <i>Neuron</i> , 2018 , 97, 231-247.e7	13.9	149
487	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
486	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
485	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
484	Functional anatomy of calorie fear in anorexia nervosa. <i>Lancet, The</i> , 1998 , 352, 1192	40	144

483	Impaired long distance functional connectivity and weighted network architecture in Alzheimer's disease. <i>Cerebral Cortex</i> , 2014 , 24, 1422-35	5.1	142
482	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
481	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
480	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
479	Modulation of activity in temporal cortex during generation of inner speech. <i>Human Brain Mapping</i> , 2002 , 16, 219-27	5.9	138
478	Developmental cognitive neuroscience using latent change score models: A tutorial and applications. <i>Developmental Cognitive Neuroscience</i> , 2018 , 33, 99-117	5.5	138
477	Connectomics: a new paradigm for understanding brain disease. <i>European Neuropsychopharmacology</i> , 2015 , 25, 733-48	1.2	137
476	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
475	Functional MR imaging during odor stimulation: preliminary data. <i>Radiology</i> , 1997 , 204, 833-8	20.5	135
474	Dopaminergic drug effects on physiological connectivity in a human cortico-striato-thalamic system. <i>Brain</i> , 2003 , 126, 1767-81	11.2	135
473	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
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34	Abnormal reward prediction error signalling in antipsychotic naïve individuals with first episode psychosis or clinical risk for psychosis		1

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