Deanna Barch

List of Publications by Year
in descending order

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406 papers	59,246 citations	2427 97 h-index	1316 224 g-index
449 all docs	449 docs citations	449 times ranked	35805 citing authors

#	Article	IF	Citations
1	Conflict monitoring and cognitive control.. Psychological Review, 2001, 108, 624-652.	3.8	5,904
2	The WU-Minn Human Connectome Project: An overview. NeuroImage, 2013, 80, 62-79.	4.2	4,282
3	Anterior Cingulate Cortex, Error Detection, and the Online Monitoring of Performance. Science, 1998, 280, 747-749.	12.6	2,996
4	Prediction of Individual Brain Maturity Using fMRI. Science, 2010, 329, 1358-1361.	12.6	1,884
5	The MATRICS Consensus Cognitive Battery, Part 1: Test Selection, Reliability, and Validity. American Journal of Psychiatry, 2008, 165, 203-213.	7.2	1,863
6	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. Developmental Cognitive Neuroscience, 2018, 32, 43-54.	4.0	1,282
7	Function in the human connectome: Task-fMRI and individual differences in behavior. NeuroImage, 2013, 80, 169-189.	4.2	1,259
8	The default mode network and self-referential processes in depression. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1942-1947.	7.1	1,239
9	The maturing architecture of the brain's default network. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4028-4032.	7.1	1,175
10	Identification of separable cognitive factors in schizophrenia. Schizophrenia Research, 2004, 72, 29-39.	2.0	1,086
11	Development of distinct control networks through segregation and integration. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13507-13512.	7.1	1,083
12	Increased amygdala response to masked emotional faces in depressed subjects resolves with antidepressant treatment: an fMRI study. Biological Psychiatry, 2001, 50, 651-658.	1.3	1,074
13	Anterior Cingulate Cortex and Response Conflict: Effects of Frequency, Inhibition and Errors. Cerebral Cortex, 2001, 11, 825-836.	2.9	880
14	Reproducible brain-wide association studies require thousands of individuals. Nature, 2022, 603, 654-660.	27.8	842
15	Approaching a consensus cognitive battery for clinical trials in schizophrenia: The NIMH-MATRICS conference to select cognitive domains and test criteria. Biological Psychiatry, 2004, 56, 301-307.	1.3	818
16	Functional connectomics from resting-state fMRI. Trends in Cognitive Sciences, 2013, 17, 666-682.	7.8	802
17	A positive-negative mode of population covariation links brain connectivity, demographics and behavior. Nature Neuroscience, 2015, 18, 1565-1567.	14.8	782
18	Cognition in schizophrenia: core psychological and neural mechanisms. Trends in Cognitive Sciences, 2012, 16, 27-34.	7.8	619

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19	Context-processing deficits in schizophrenia: Converging evidence from three theoretically motivated cognitive tasks.. Journal of Abnormal Psychology, 1999, 108, 120-133.	1.9	575
20	The Effects of Poverty on Childhood Brain Development. JAMA Pediatrics, 2013, 167, 1135.	6.2	567
21	Dissociating working memory from task difficulty in human prefrontal cortex. Neuropsychologia, 1997, 35, 1373-1380.	1.6	554
22	Selective Deficits in Prefrontal Cortex Function in Medication-Naive Patients With Schizophrenia. Archives of General Psychiatry, 2001, 58, 280.	12.3	549
23	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. NeuroImage, 2019, 202, 116091.	4.2	539
24	Flexible neural mechanisms of cognitive control within human prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7351-7356.	7.1	513
25	Cognition and control in schizophrenia: a computational model of dopamine and prefrontal function. Biological Psychiatry, 1999, 46, 312-328.	1.3	456
26	Demographic, physical and mental health assessments in the adolescent brain and cognitive development study: Rationale and description. Developmental Cognitive Neuroscience, 2018, 32, 55-66.	4.0	455
27	Altered Emotional Interference Processing in Affective and Cognitive-Control Brain Circuitry in Major Depression. Biological Psychiatry, 2008, 63, 377-384.	1.3	438
28	Goal Representations and Motivational Drive in Schizophrenia: The Role of Prefrontal-Striatal Interactions. Schizophrenia Bulletin, 2010, 36, 919-934.	4.3	415
29	Context processing in older adults: Evidence for a theory relating cognitive control to neurobiology in healthy aging.. Journal of Experimental Psychology: General, 2001, 130, 746-763.	2.1	393
30	Common brain disorders are associated with heritable patterns of apparent aging of the brain. Nature Neuroscience, 2019, 22, 1617-1623.	14.8	358
31	Human Connectome Project informatics: Quality control, database services, and data visualization. NeuroImage, 2013, 80, 202-219.	4.2	356
32	Cognitive Control, Goal Maintenance, and Prefrontal Function in Healthy Aging. Cerebral Cortex, 2008, 18, 1010-1028.	2.9	338
33	Adolescent neurocognitive development and impacts of substance use: Overview of the adolescent brain cognitive development (ABCD) baseline neurocognition battery. Developmental Cognitive Neuroscience, 2018, 32, 67-79.	4.0	337
34	The Cognitive Neuroscience of Schizophrenia. Annual Review of Clinical Psychology, 2005, 1, 321-353.	12.3	330
35	Anterior Cingulate Cortex and Response Conflict: Effects of Response Modality and Processing Domain. Cerebral Cortex, 2001, 11, 837-848.	2.9	304
36	Specificity of Prefrontal Dysfunction and Context Processing Deficits to Schizophrenia in Never-Medicated Patients With First-Episode Psychosis. American Journal of Psychiatry, 2005, 162, 475-484.	7.2	301

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37	Direct Comparison of Prefrontal Cortex Regions Engaged by Working and Long-Term Memory Tasks. NeuroImage, 2001, 14, 48-59.	4.2	289
38	BOLD Correlates of Trial-by-Trial Reaction Time Variability in Gray and White Matter: A Multi-Study fMRI Analysis. PLoS ONE, 2009, 4, e4257.	2.5	282
39	Cognitive Deficits in Psychotic Disorders: A Lifespan Perspective. Neuropsychology Review, 2018, 28, 509-533.	4.9	279
40	The motivation and pleasure dimension of negative symptoms: Neural substrates and behavioral outputs. European Neuropsychopharmacology, 2014, 24, 725-736.	0.7	273
41	Brain Network Connectivity in Individuals with Schizophrenia and Their Siblings. Biological Psychiatry, 2011, 69, 967-973.	1.3	268
42	Anterior Cingulate and the Monitoring of Response Conflict: Evidence from an fMRI Study of Overt Verb Generation. Journal of Cognitive Neuroscience, 2000, 12, 298-309.	2.3	264
43	Cognition and resting-state functional connectivity in schizophrenia. Neuroscience and Biobehavioral Reviews, 2016, 61, 108-120.	6.1	261
44	Context-processing deficits in schizophrenia: Diagnostic specificity, 4-week course, and relationships to clinical symptoms.. Journal of Abnormal Psychology, 2003, 112, 132-143.	1.9	257
45	Cognitive Neuroscience-Based Approaches to Measuring and Improving Treatment Effects on Cognition in Schizophrenia: The CNTRICS Initiative. Schizophrenia Bulletin, 2007, 33, 1131-1137.	4.3	256
46	Working memory and prefrontal cortex dysfunction: specificity to schizophrenia compared with major depression. Biological Psychiatry, 2003, 53, 376-384.	1.3	254
47	Effort, anhedonia, and function in schizophrenia: Reduced effort allocation predicts amotivation and functional impairment.. Journal of Abnormal Psychology, 2014, 123, 387-397.	1.9	251
48	A Meta-Analysis of Mentalizing Impairments in Adults With Schizophrenia and Autism Spectrum Disorder. Schizophrenia Bulletin, 2014, 40, 602-616.	4.3	242
49	Antidepressant treatment normalizes hypoactivity in dorsolateral prefrontal cortex during emotional interference processing in major depression. Journal of Affective Disorders, 2009, 112, 206-211.	4.1	227
50	Variable Global Dysconnectivity and Individual Differences in Schizophrenia. Biological Psychiatry, 2011, 70, 43-50.	1.3	224
51	Maternal support in early childhood predicts larger hippocampal volumes at school age. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2854-2859.	7.1	213
52	Context-processing deficits in schizophrenia: Converging evidence from three theoretically motivated cognitive tasks.. Journal of Abnormal Psychology, 1999, 108, 120-133.	1.9	213
53	Amphetamine improves cognitive function in medicated individuals with schizophrenia and in healthy volunteers. Schizophrenia Research, 2005, 77, 43-58.	2.0	205
54	Spatial and Temporal Organization of the Individual Human Cerebellum. Neuron, 2018, 100, 977-993.e7.	8.1	201

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55	Brain Heterogeneity in Schizophrenia and Its Association With Polygenic Risk. JAMA Psychiatry, 2019, 76, 739.	11.0	195
56	The Lifespan Human Connectome Project in Aging: An overview. NeuroImage, 2019, 185, 335-348.	4.2	186
57	The Lifespan Human Connectome Project in Development: A large-scale study of brain connectivity development in 5â€“21 year olds. NeuroImage, 2018, 183, 456-468.	4.2	184
58	Overt Verbal Responding during fMRI Scanning: Empirical Investigations of Problems and Potential Solutions. NeuroImage, 1999, 10, 642-657.	4.2	182
59	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. Biological Psychiatry, 2008, 64, 4-10.	1.3	172
60	Structure of the psychotic disorders classification in DSMâ€5. Schizophrenia Research, 2013, 150, 11-14.	2.0	170
61	Anhedonia and Emotional Experience in Schizophrenia: Neural and Behavioral Indicators. Biological Psychiatry, 2010, 67, 902-911.	1.3	167
62	Logic and justification for dimensional assessment of symptoms and related clinical phenomena in psychosis: Relevance to DSM-5. Schizophrenia Research, 2013, 150, 15-20.	2.0	165
63	Context Processing and Context Maintenance in Healthy Aging and Early Stage Dementia of the Alzheimer's Type.. Psychology and Aging, 2005, 20, 33-46.	1.6	163
64	Working and long-term memory deficits in schizophrenia: Is there a common prefrontal mechanism?. Journal of Abnormal Psychology, 2002, 111, 478-494.	1.9	161
65	Correction of respiratory artifacts in MRI head motion estimates. NeuroImage, 2020, 208, 116400.	4.2	161
66	Fronto-parietal and cingulo-opercular network integrity and cognition in health and schizophrenia. Neuropsychologia, 2015, 73, 82-93.	1.6	160
67	Mechanisms Underlying Motivational Deficits in Psychopathology: Similarities and Differences in Depression and Schizophrenia. Current Topics in Behavioral Neurosciences, 2015, 27, 411-449.	1.7	159
68	Stress-System Genes and Life Stress Predict Cortisol Levels and Amygdala and Hippocampal Volumes in Children. Neuropsychopharmacology, 2014, 39, 1245-1253.	5.4	157
69	Associations Between Prenatal Cannabis Exposure and Childhood Outcomes. JAMA Psychiatry, 2021, 78, 64.	11.0	156
70	The treatment of cognitive impairment in schizophrenia. Pharmacology Biochemistry and Behavior, 2011, 99, 245-253.	2.9	153
71	Amygdala Recruitment in Schizophrenia in Response to Aversive Emotional Material: A Meta-analysis of Neuroimaging Studies. Schizophrenia Bulletin, 2012, 38, 608-621.	4.3	153
72	The ABCD study: understanding the development of risk for mental and physical health outcomes. Neuropsychopharmacology, 2021, 46, 131-142.	5.4	151

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73	The Cognitive Neuroscience of Working Memory: Relevance to CNTRICS and Schizophrenia. Biological Psychiatry, 2008, 64, 11-17.	1.3	150
74	Reward Processing and Risk for Depression Across Development. Trends in Cognitive Sciences, 2016, 20, 456-468.	7.8	150
75	Executive Functioning Component Mechanisms and Schizophrenia. Biological Psychiatry, 2008, 64, 26-33.	1.3	137
76	Effort-Based Decision-Making Paradigms for Clinical Trials in Schizophrenia: Part 1â€"Psychometric Characteristics of 5 Paradigms. Schizophrenia Bulletin, 2015, 41, 1045-1054.	4.3	137
77	Prevalence and Family-Related Factors Associated With Suicidal Ideation, Suicide Attempts, and Self-injury in Children Aged 9 to 10 Years. JAMA Network Open, 2020, 3, e1920956.	5.9	133
78	The Relationships Among Cognition, Motivation, and Emotion in Schizophrenia: How Much and How Little We Know. Schizophrenia Bulletin, 2005, 31, 875-881.	4.3	129
79	Prefrontal functioning during context processing in schizophrenia and major depression: An event-related fMRI study. Schizophrenia Research, 2005, 76, 199-206.	2.0	128
80	Pavlovian Reward Prediction and Receipt in Schizophrenia: Relationship to Anhedonia. PLoS ONE, 2012, 7, e35622.	2.5	128
81	The structure of cognition in 9 and 10 year-old children and associations with problem behaviors: Findings from the ABCD studyâ€™s baseline neurocognitive battery. Developmental Cognitive Neuroscience, 2019, 36, 100606.	4.0	128
82	Resting state functional connectivity of five neural networks in bipolar disorder and schizophrenia. Journal of Affective Disorders, 2013, 150, 601-609.	4.1	125
83	Cognitive impairments in psychotic disorders: common mechanisms and measurement. World Psychiatry, 2014, 13, 224-232.	10.4	124
84	Imaging Genetic Liability to Schizophrenia: Systematic Review of fMRI Studies of Patients' Nonpsychotic Relatives. Schizophrenia Bulletin, 2009, 35, 1142-1162.	4.3	123
85	Preschool is a sensitive period for the influence of maternal support on the trajectory of hippocampal development. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5742-5747.	7.1	121
86	CNTRICS Final Task Selection: Executive Control. Schizophrenia Bulletin, 2009, 35, 115-135.	4.3	119
87	Semantic priming in schizophrenia: An examination of spreading activation using word pronunciation and multiple SOAs.. Journal of Abnormal Psychology, 1996, 105, 592-601.	1.9	118
88	Resting-State Functional Connectivity and Psychotic-like Experiences in Childhood: Results From the Adolescent Brain Cognitive Development Study. Biological Psychiatry, 2019, 86, 7-15.	1.3	116
89	The Human Connectome Project: A retrospective. NeuroImage, 2021, 244, 118543.	4.2	114
90	CNTRICS Final Task Selection: Working Memory. Schizophrenia Bulletin, 2009, 35, 136-152.	4.3	113

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91	Assessment of the Prodromal Questionnaireâ€“Brief Child Version for Measurement of Self-reported Psychoticlike Experiences in Childhood. JAMA Psychiatry, 2018, 75, 853.	11.0	113
92	Context-processing deficits in schizophrenia: diagnostic specificity, 4-week course, and relationships to clinical symptoms. Journal of Abnormal Psychology, 2003, 112, 132-43.	1.9	113
93	Comparing surface-based and volume-based analyses of functional neuroimaging data in patients with schizophrenia. NeuroImage, 2008, 41, 835-848.	4.2	109
94	CNTRICS Final Task Selection: Social Cognitive and Affective Neuroscience-Based Measures. Schizophrenia Bulletin, 2009, 35, 153-162.	4.3	109
95	Working Memory Related Brain Network Connectivity in Individuals with Schizophrenia and Their Siblings. Frontiers in Human Neuroscience, 2012, 6, 137.	2.0	109
96	Meaningful associations in the adolescent brain cognitive development study. NeuroImage, 2021, 239, 118262.	4.2	108
97	Assessment of Neighborhood Poverty, Cognitive Function, and Prefrontal and Hippocampal Volumes in Children. JAMA Network Open, 2020, 3, e2023774.	5.9	108
98	Effect of Hippocampal and Amygdala Connectivity on the Relationship Between Preschool Poverty and School-Age Depression. American Journal of Psychiatry, 2016, 173, 625-634.	7.2	107
99	Neonatal Amygdala Functional Connectivity at Rest in Healthy and Preterm Infants and Early Internalizing Symptoms. Journal of the American Academy of Child and Adolescent Psychiatry, 2017, 56, 157-166.	0.5	107
100	Delineating and validating higher-order dimensions of psychopathology in the Adolescent Brain Cognitive Development (ABCD) study. Translational Psychiatry, 2019, 9, 261.	4.8	107
101	Schizoaffective Disorder in the DSM-5. Schizophrenia Research, 2013, 150, 21-25.	2.0	106
102	Functional Connectivity of the Amygdala in Early-Childhood-Onset Depression. Journal of the American Academy of Child and Adolescent Psychiatry, 2011, 50, 1027-1041.e3.	0.5	105
103	Improving prefrontal cortex function in schizophrenia through focused training of cognitive control. Frontiers in Human Neuroscience, 2010, 4, 32.	2.0	104
104	Functional and Neuroanatomic Specificity of Episodic Memory Dysfunction in Schizophrenia. JAMA Psychiatry, 2015, 72, 909.	11.0	104
105	Revising the BIS/BAS Scale to study development: Measurement invariance and normative effects of age and sex from childhood through adulthood.. Psychological Assessment, 2016, 28, 429-442.	1.5	104
106	The Influence of Encoding Strategy on Episodic Memory and Cortical Activity in Schizophrenia. Biological Psychiatry, 2005, 58, 47-55.	1.3	102
107	Anhedonia and the experience of emotion in individuals with schizophrenia.. Journal of Abnormal Psychology, 2007, 116, 30-42.	1.9	102
108	Working Memory Encoding and Maintenance Deficits in Schizophrenia: Neural Evidence for Activation and Deactivation Abnormalities. Schizophrenia Bulletin, 2013, 39, 168-178.	4.3	102

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109	Neural Correlates of Reward Processing in Depressed and Healthy Preschool-Age Children. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, 1081-1089.	0.5	102
110	Increased Stroop facilitation effects in schizophrenia are not due to increased automatic spreading activation. Schizophrenia Research, 1999, 39, 51-64.	2.0	100
111	Depression Risk Predicts Blunted Neural Responses to Gains and Enhanced Responses to Losses in Healthy Children. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, 328-337.	0.5	100
112	Thalamic Shape Abnormalities in Individuals with Schizophrenia and Their Nonpsychotic Siblings. Journal of Neuroscience, 2007, 27, 13835-13842.	3.6	98
113	Intrinsic motivation in schizophrenia: Relationships to cognitive function, depression, anxiety, and personality.. Journal of Abnormal Psychology, 2008, 117, 776-787.	1.9	97
114	Individual-specific functional connectivity of the amygdala: A substrate for precision psychiatry. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3808-3818.	7.1	96
115	The AURORA Study: a longitudinal, multimodal library of brain biology and function after traumatic stress exposure. Molecular Psychiatry, 2020, 25, 283-296.	7.9	92
116	Emotion Effects on Attention, Amygdala Activation, and Functional Connectivity in Schizophrenia. Schizophrenia Bulletin, 2012, 38, 967-980.	4.3	91
117	Factors Mediating Cognitive Deficits and Psychopathology Among Siblings of Individuals With Schizophrenia. Schizophrenia Bulletin, 2005, 32, 525-537.	4.3	90
118	A Randomized Controlled Trial of Parent-Child Psychotherapy Targeting Emotion Development for Early Childhood Depression. American Journal of Psychiatry, 2018, 175, 1102-1110.	7.2	90
119	Context-Processing Deficits in Schizotypal Personality Disorder.. Journal of Abnormal Psychology, 2004, 113, 556-568.	1.9	88
120	Abnormalities of Thalamic Activation and Cognition in Schizophrenia. American Journal of Psychiatry, 2006, 163, 463-469.	7.2	88
121	Progressive Deformation of Deep Brain Nuclei and Hippocampal-Amygdala Formation in Schizophrenia. Biological Psychiatry, 2008, 64, 1060-1068.	1.3	86
122	Identifying reproducible individual differences in childhood functional brain networks: An ABCD study. Developmental Cognitive Neuroscience, 2019, 40, 100706.	4.0	86
123	Prefrontal Cortex Function in Nonpsychotic Siblings of Individuals with Schizophrenia. Biological Psychiatry, 2008, 63, 490-497.	1.3	85
124	Reduced model-based decision-making in schizophrenia.. Journal of Abnormal Psychology, 2016, 125, 777-787.	1.9	85
125	Clinical, Functional, and Intertask Correlations of Measures Developed by the Cognitive Neuroscience Test Reliability and Clinical Applications for Schizophrenia Consortium. Schizophrenia Bulletin, 2012, 38, 144-152.	4.3	83
126	Ecological momentary assessment of negative symptoms in schizophrenia: Relationships to effort-based decision making and reinforcement learning.. Journal of Abnormal Psychology, 2017, 126, 96-105.	1.9	83

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127	Optimization of a Goal Maintenance Task for Use in Clinical Applications. Schizophrenia Bulletin, 2012, 38, 104-113.	4.3	82
128	Association Between Early Life Adversity and Risk for Poor Emotional and Physical Health in Adolescence. JAMA Pediatrics, 2017, 171, 1168.	6.2	82
129	Neurodevelopmental Optimization after Early-Life Adversity: Cross-Species Studies to Elucidate Sensitive Periods and Brain Mechanisms to Inform Early Intervention. Trends in Neurosciences, 2020, 43, 744-751.	8.6	82
130	Neuropsychological abnormalities in schizophrenia and major mood disorders: Similarities and differences. Current Psychiatry Reports, 2009, 11, 313-319.	4.5	80
131	Early Childhood Depression and Alterations in the Trajectory of Gray Matter Maturation in Middle Childhood and Early Adolescence. JAMA Psychiatry, 2016, 73, 31.	11.0	80
132	ConnectomeDBâ€”Sharing human brain connectivity data. NeuroImage, 2016, 124, 1102-1107.	4.2	80
133	Probabilistic Reinforcement Learning in Patients With Schizophrenia: Relationships to Anhedonia and Avolition. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 460-473.	1.5	79
134	Pharmacological manipulation of human working memory. Psychopharmacology, 2004, 174, 126-35.	3.1	77
135	Neural correlates of verbal and nonverbal working memory deficits in individuals with schizophrenia and their high-risk siblings. Schizophrenia Research, 2006, 87, 191-204.	2.0	76
136	Association between depression severity and amygdala reactivity during sad face viewing in depressed preschoolers: An fMRI study. Journal of Affective Disorders, 2011, 129, 364-370.	4.1	76
137	Cognitive and Neural Effects of Semantic Encoding Strategy Training in Older Adults. Cerebral Cortex, 2012, 22, 788-799.	2.9	76
138	The effect of language production manipulations on negative thought disorder and discourse coherence disturbances in schizophrenia. Psychiatry Research, 1997, 71, 115-127.	3.3	75
139	Abnormal Parietal Cortex Activation During Working Memory in Schizophrenia: Verbal Phonological Coding Disturbances Versus Domain-General Executive Dysfunction. American Journal of Psychiatry, 2007, 164, 1090-1098.	7.2	75
140	Negative symptoms are associated with an increased subjective cost of cognitive effort.. Journal of Abnormal Psychology, 2016, 125, 528-536.	1.9	74
141	Effort-cost decision-making in psychosis and depression: could a similar behavioral deficit arise from disparate psychological and neural mechanisms?. Psychological Medicine, 2018, 48, 889-904.	4.5	74
142	Correlates and Consequences of Suicidal Cognitions and Behaviors in Children Ages 3 to 7 Years. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 926-937.e2.	0.5	73
143	Impaired Activation in Cognitive Control Regions Predicts Reversal Learning in Schizophrenia. Schizophrenia Bulletin, 2016, 42, 484-493.	4.3	73
144	Structural abnormalities in gyri of the prefrontal cortex in individuals with schizophrenia and their unaffected siblings. British Journal of Psychiatry, 2010, 196, 150-157.	2.8	72

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145	Default mode network connectivity in children with a history of preschool onset depression. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2012, 53, 964-972.	5.2	71
146	Early Life Stress and Trauma and Enhanced Limbic Activation to Emotionally Valenced Faces in Depressed and Healthy Children. Journal of the American Academy of Child and Adolescent Psychiatry, 2014, 53, 800-813.e10.	0.5	71
147	Association of Prenatal Cannabis Exposure With Psychosis Proneness Among Children in the Adolescent Brain Cognitive Development (ABCD) Study. JAMA Psychiatry, 2019, 76, 762.	11.0	70
148	Dopaminergic modulation of response inhibition: an fMRI study. Cognitive Brain Research, 2004, 20, 438-448.	3.0	69
149	Developmental Trajectories of the Orbitofrontal Cortex and Anhedonia in Middle Childhood and Risk for Substance Use in Adolescence in a Longitudinal Sample of Depressed and Healthy Preschoolers. American Journal of Psychiatry, 2018, 175, 1010-1021.	7.2	69
150	The utility of twins in developmental cognitive neuroscience research: How twins strengthen the ABCD research design. Developmental Cognitive Neuroscience, 2018, 32, 30-42.	4.0	69
151	The Clinical Translation of a Measure of Gain Control: The Contrast-Contrast Effect Task. Schizophrenia Bulletin, 2012, 38, 135-143.	4.3	68
152	Harnessing cognitive neuroscience to develop new treatments for improving cognition in schizophrenia: CNTRICS selected cognitive paradigms for animal models. Neuroscience and Biobehavioral Reviews, 2013, 37, 2087-2091.	6.1	67
153	The Role of Psychometrics in Individual Differences Research in Cognition: A Case Study of the AX-CPT. Frontiers in Psychology, 2017, 8, 1482.	2.1	66
154	Negative and Nonemotional Interference with Visual Working Memory in Schizophrenia. Biological Psychiatry, 2011, 70, 1159-1168.	1.3	65
155	Explicit and implicit reinforcement learning across the psychosis spectrum.. Journal of Abnormal Psychology, 2017, 126, 694-711.	1.9	65
156	CNTRICS Imaging Biomarkers Selection: Working Memory. Schizophrenia Bulletin, 2012, 38, 43-52.	4.3	64
157	Sex influences on material-sensitive functional lateralization in working and episodic memory: Men and women are not all that different. NeuroImage, 2006, 32, 411-422.	4.2	62
158	The Effects of Guanfacine on Context Processing Abnormalities in Schizotypal Personality Disorder. Biological Psychiatry, 2007, 61, 1157-1160.	1.3	62
159	The neural circuitry supporting goal maintenance during cognitive control: a comparison of expectancy AX-CPT and dot probe expectancy paradigms. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 164-175.	2.0	61
160	Language comprehension and working memory language comprehension and working memory deficits in patients with schizophrenia. Schizophrenia Research, 2003, 60, 299-309.	2.0	60
161	Resting State Functional Connectivity of the Ventral Attention Network in Children With a History of Depression or Anxiety. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 1326-1336.e5.	0.5	60
162	What can research on schizophrenia tell us about the cognitive neuroscience of working memory?. Neuroscience, 2006, 139, 73-84.	2.3	59

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163	Cognitive Neuroscience Treatment Research to Improve Cognition in Schizophrenia II: Developing Imaging Biomarkers to Enhance Treatment Development for Schizophrenia and Related Disorders. Biological Psychiatry, 2011, 70, 7-12.	1.3	59
164	Working and long-term memory deficits in schizophrenia: Is there a common prefrontal mechanism?. Journal of Abnormal Psychology, 2002, 111, 478-494.	1.9	59
165	Machine Learning With Neuroimaging: Evaluating Its Applications in Psychiatry. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 791-798.	1.5	58
166	Bridging the gap between schizophrenia and psychotic mood disorders: Relating neurocognitive deficits to psychopathology. Schizophrenia Research, 2009, 107, 69-75.	2.0	56
167	Language production and thought disorder in schizophrenia.. Journal of Abnormal Psychology, 1996, 105, 81-88.	1.9	56
168	The Effect of Context Processing on Different Aspects of Social Cognition in Schizophrenia. Schizophrenia Bulletin, 2011, 37, 1048-1056.	4.3	54
169	Optimization and Validation of a Visual Integration Test for Schizophrenia Research. Schizophrenia Bulletin, 2012, 38, 125-134.	4.3	54
170	The Role of Prefrontal Cortex in Normal and Disordered Cognitive Control: A Cognitive Neuroscience Perspective. , 2002, , 428-447.		53
171	Disrupted Amygdala Reactivity in Depressed 4- to 6-Year-Old Children. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 737-746.	0.5	52
172	Variation in common preschool sleep problems as an early predictor for depression and anxiety symptom severity across time. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 151-159.	5.2	52
173	Early Childhood Adverse Experiences, Inferior FrontalÂGyrus Connectivity, and the Trajectory of Externalizing Psychopathology. Journal of the American Academy of Child and Adolescent Psychiatry, 2018, 57, 183-190.	0.5	52
174	Effort-based decision-making in schizophrenia. Current Opinion in Behavioral Sciences, 2018, 22, 1-6.	3.9	51
175	Symmetric abnormalities in sulcal patterning in schizophrenia. NeuroImage, 2008, 43, 440-446.	4.2	50
176	Bridging Levels of Understanding in Schizophrenia Through Computational Modeling. Clinical Psychological Science, 2015, 3, 433-459.	4.0	50
177	Stimulus-Driven Attention, Threat Bias, and Sad Bias in Youth with a History of an Anxiety Disorder or Depression. Journal of Abnormal Child Psychology, 2016, 44, 219-231.	3.5	50
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