Ruben C Gur

List of Publications by Year
in descending order

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837	75,326	266	1136
papers	citations	141 h-index	230 g-index

908	908	908	44781
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An improved framework for confound regression and filtering for control of motion artifact in the preprocessing of resting-state functional connectivity data. NeuroImage, 2013, 64, 240-256.	2.1	1,540
2	Neuropsychological Function in Schizophrenia. Archives of General Psychiatry, 1991, 48, 618.	13.8	1,079
3	Impact of in-scanner head motion on multiple measures of functional connectivity: Relevance for studies of neurodevelopment in youth. NeuroImage, 2012, 60, 623-632.	2.1	1,037
4	Neuropsychological Deficits in Neuroleptic Naive Patients With First-Episode Schizophrenia. Archives of General Psychiatry, 1994, 51, 124.	13.8	1,007
5	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	13.7	929
6	Sex differences in the structural connectome of the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 823-828.	3.3	925
7	Benchmarking of participant-level confound regression strategies for the control of motion artifact in studies of functional connectivity. NeuroImage, 2017, 154, 174-187.	2.1	842
8	Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. Molecular Psychiatry, 2016, 21, 547-553.	4.1	820
9	Social Cognition in Schizophrenia: An NIMH Workshop on Definitions, Assessment, and Research Opportunities. Schizophrenia Bulletin, 2008, 34, 1211-1220.	2.3	818
10	Sex Differences in Brain Gray and White Matter in Healthy Young Adults: Correlations with Cognitive Performance. Journal of Neuroscience, 1999, 19, 4065-4072.	1.7	802
11	The Science of Sex Differences in Science and Mathematics. Psychological Science in the Public Interest: A Journal of the American Psychological Society, 2007, 8, 1-51.	6.7	799
12	Harmonization of multi-site diffusion tensor imaging data. NeuroImage, 2017, 161, 149-170.	2.1	731
13	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	1.1	696
14	Hemispheric Asymmetry in the Expression of Positive and Negative Emotions. Archives of Neurology, 1982, 39, 210.	4.9	667
15	Facial Emotion Recognition in Schizophrenia: Intensity Effects and Error Pattern. American Journal of Psychiatry, 2003, 160, 1768-1774.	4.0	659
16	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. Biological Psychiatry, 2018, 84, 644-654.	0.7	627
17	Association between decline in brain dopamine activity with age and cognitive and motor impairment in healthy individuals. American Journal of Psychiatry, 1998, 155, 344-9.	4.0	591
18	The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight. Science, 2019, 364, .	6.0	576

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19	A method for obtaining 3-dimensional facial expressions and its standardization for use in neurocognitive studies. Journal of Neuroscience Methods, 2002, 115, 137-143.	1.3	562
20	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. Molecular Psychiatry, 2018, 23, 1261-1269.	4.1	522
21	Brain charts for the human lifespan. Nature, 2022, 604, 525-533.	13.7	518
22	A Follow-up Magnetic Resonance Imaging Study of Schizophrenia. Archives of General Psychiatry, 1998, 55, 145.	13.8	508
23	Spatial and Temporal Mapping of De Novo Mutations in Schizophrenia to a Fetal Prefrontal Cortical Network. Cell, 2013, 154, 518-529.	13.5	507
24	An fMRI Study of Facial Emotion Processing in Patients With Schizophrenia. American Journal of Psychiatry, 2002, 159, 1992-1999.	4.0	488
25	A cognitive neuroscience-based computerized battery for efficient measurement of individual differences: Standardization and initial construct validation. Journal of Neuroscience Methods, 2010, 187, 254-262.	1.3	464
26	Neuroimaging of the Philadelphia Neurodevelopmental Cohort. NeuroImage, 2014, 86, 544-553.	2.1	452
27	Emotions are expressed more intensely on the left side of the face. Science, 1978, 202, 434-436.	6.0	442
28	Facial emotion discrimination: II. Behavioral findings in depression. Psychiatry Research, 1992, 42, 241-251.	1.7	437
29	Resilience, COVID-19-related stress, anxiety and depression during the pandemic in a large population enriched for healthcare providers. Translational Psychiatry, 2020, 10, 291.	2.4	435
30	Sex and handedness differences in cerebral blood flow during rest and cognitive activity. Science, 1982, 217, 659-661.	6.0	434
31	Age group and sex differences in performance on a computerized neurocognitive battery in children age 8â^'21.. Neuropsychology, 2012, 26, 251-265.	1.0	432
32	Subcortical MRI Volumes in Neuroleptic-Naive and Treated Patients With Schizophrenia. American Journal of Psychiatry, 1998, 155, 1711-1717.	4.0	406
33	Gender differences in age effect on brain atrophy measured by magnetic resonance imaging.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 2845-2849.	3.3	389
34	Self-deception: A concept in search of a phenomenon.. Journal of Personality and Social Psychology, 1979, 37, 147-169.	2.6	383
35	Emotion recognition deficit in schizophrenia: association with symptomatology and cognition. Biological Psychiatry, 2000, 48, 127-136.	0.7	382
36	Brain Activity during Simulated Deception: An Event-Related Functional Magnetic Resonance Study. NeuroImage, 2002, 15, 727-732.	2.1	382

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37	Classifying spatial patterns of brain activity with machine learning methods: Application to lie detection. NeuroImage, 2005, 28, 663-668.	2.1	364
38	Baby Schema in Infant Faces Induces Cuteness Perception and Motivation for Caretaking in Adults. Ethology, 2009, 115, 257-263.	0.5	356
39	Initial Heritability Analyses of Endophenotypic Measures for Schizophrenia. Archives of General Psychiatry, 2007, 64, 1242.	13.8	351
40	Working Memory Deficit as a Core Neuropsychological Dysfunction in Schizophrenia. American Journal of Psychiatry, 2003, 160, 1809-1816.	4.0	349
41	Computerized Neurocognitive Scanning: I. Methodology and Validation in Healthy People. Neuropsychopharmacology, 2001, 25, 766-776.	2.8	344
42	Reduced Dorsal and Orbital Prefrontal Gray Matter Volumes in Schizophrenia. Archives of General Psychiatry, 2000, 57, 761.	13.8	338
43	Sex differences in regional cerebral glucose metabolism during a resting state. Science, 1995, 267, 528-531.	6.0	335
44	An fMRI Study of Sex Differences in Regional Activation to a Verbal and a Spatial Task. Brain and Language, 2000, 74, 157-170.	0.8	333
45	The Consortium on the Genetics of Schizophrenia: Neurocognitive Endophenotypes. Schizophrenia Bulletin, 2006, 33, 49-68.	2.3	332
46	Sex Differences in Temporo-limbic and Frontal Brain Volumes of Healthy Adults. Cerebral Cortex, 2002, 12, 998-1003.	1.6	326
47	Temporolimbic Volume Reductions in Schizophrenia. Archives of General Psychiatry, 2000, 57, 769.	13.8	325
48	CREMA-D: Crowd-Sourced Emotional Multimodal Actors Dataset. IEEE Transactions on Affective Computing, 2014, 5, 377-390.	5.7	323
49	Linked dimensions of psychopathology and connectivity in functional brain networks. Nature Communications, 2018, 9, 3003.	5.8	323
50	COMPARE: Classification of Morphological Patterns Using Adaptive Regional Elements. IEEE Transactions on Medical Imaging, 2007, 26, 93-105.	5.4	320
51	Gender difference in neural response to psychological stress. Social Cognitive and Affective Neuroscience, 2007, 2, 227-239.	1.5	316
52	Neuropsychological Functioning in Siblings Discordant for Schizophrenia and Healthy Volunteers. Archives of General Psychiatry, 1994, 51, 651.	13.8	311
53	Differences in the distribution of gray and white matter in human cerebral hemispheres. Science, 1980, 207, 1226-1228.	6.0	308
54	Development of Abbreviated Nine-Item Forms of the Ravenâ€™s Standard Progressive Matrices Test. Assessment, 2012, 19, 354-369.	1.9	306

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55	Modular Segregation of Structural Brain Networks Supports the Development of Executive Function in Youth. Current Biology, 2017, 27, 1561-1572.e8.	1.8	305
56	Sex differences in aging of the human frontal and temporal lobes. Journal of Neuroscience, 1994, 14, 4748-4755.	1.7	304
57	Linked Sex Differences in Cognition and Functional Connectivity in Youth. Cerebral Cortex, 2015, 25, 2383-2394.	1.6	302
58	Smaller neuron size in schizophrenia in hippocampal subfields that mediate cortical-hippocampal interactions. American Journal of Psychiatry, 1995, 152, 738-748.	4.0	296
59	Development of structureâ€"function coupling in human brain networks during youth. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 771-778.	3.3	296
60	Brain Activation during Facial Emotion Processing. NeuroImage, 2002, 16, 651-662.	2.1	293
61	Striatal Dopamine Transporters and Cognitive Functioning in Healthy Men and Women. American Journal of Psychiatry, 2001, 158, 1492-1499.	4.0	292
62	Emergence of system roles in normative neurodevelopment. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13681-13686.	3.3	292
63	Quantitative assessment of structural image quality. NeuroImage, 2018, 169, 407-418.	2.1	291
64	Comparative Effect of Atypical and Conventional Antipsychotic Drugs on Neurocognition in First-Episode Psychosis: A Randomized, Double-Blind Trial of Olanzapine Versus Low Doses of Haloperidol. American Journal of Psychiatry, 2004, 161, 985-995.	4.0	289
65	Analysis of brain and cerebrospinal fluid volumes with MR imaging. Part I. Methods, reliability, and validation.. Radiology, 1991, 178, 115-122.	3.6	278
66	Olfactory Dysfunction in Schizophrenia A Qualitative and Quantitative Review. Neuropsychopharmacology, 1999, 21, 325-340.	2.8	275
67	Telling truth from lie in individual subjects with fast event-related fMRI. Human Brain Mapping, 2005, 26, 262-272.	1.9	274
68	Association of Cannabis With Cognitive Functioning in Adolescents and Young Adults. JAMA Psychiatry, 2018, 75, 585.	6.0	273
69	Psychometric properties of the Penn Computerized Neurocognitive Battery.. Neuropsychology, 2015, 29, 235-246.	1.0	272
70	Baby schema modulates the brain reward system in nulliparous women. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9115-9119.	3.3	268
71	The Philadelphia Neurodevelopmental Cohort: A publicly available resource for the study of normal and abnormal brain development in youth. NeuroImage, 2016, 124, 1115-1119.	2.1	268
72	Association Between Age-Related Decline in Brain Dopamine Activity and Impairment in Frontal and Cingulate Metabolism. American Journal of Psychiatry, 2000, 157, 75-80.	4.0	261

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73	Harmonization of large MRI datasets for the analysis of brain imaging patterns throughout the lifespan. NeuroImage, 2020, 208, 116450.	2.1	260
74	Neuropsychological evidence supporting a neurodevelopmental model of schizophrenia: a longitudinal study. Schizophrenia Research, 1997, 24, 289-298.	1.1	259
75	Age-related differences in brain activation during emotional face processing. Neurobiology of Aging, 2003, 24, 285-295.	1.5	258
76	Age-related Volumetric Changes of Brain Gray and White Matter in Healthy Infants and Children. Cerebral Cortex, 2001, 11, 335-342.	1.6	250
77	Working memory for complex figures: An fMRI comparison of letter and fractal n-back tasks.. Neuropsychology, 2002, 16, 370-379.	1.0	250
78	Emotional processing in schizophrenia: Neurobehavioral probes in relation to psychopathology. Schizophrenia Research, 1995, 17, 67-75.	1.1	248
79	Facial emotion discrimination: I. Task construction and behavioral findings in normal subjects. Psychiatry Research, 1992, 42, 231-240.	1.7	246
80	Whole-Brain Morphometric Study of Schizophrenia Revealing a Spatially Complex Set of Focal Abnormalities. Archives of General Psychiatry, 2005, 62, 1218.	13.8	242
81	Analysis of 94 Candidate Genes and 12 Endophenotypes for Schizophrenia From the Consortium on the Genetics of Schizophrenia. American Journal of Psychiatry, 2011, 168, 930-946.	4.0	241
82	Brain Function in Psychiatric Disorders. Archives of General Psychiatry, 1985, 42, 329.	13.8	240
83	Neurocognitive Endophenotypes in a Multiplex Multigenerational Family Study of Schizophrenia. American Journal of Psychiatry, 2007, 164, 813-819.	4.0	236
84	Frontal and Temporal Lobe Brain Volumes in Schizophrenia. Archives of General Psychiatry, 1995, 52, 1061.	13.8	235
85	Age-Related Effects and Sex Differences in Gray Matter Density, Volume, Mass, and Cortical Thickness from Childhood to Young Adulthood. Journal of Neuroscience, 2017, 37, 5065-5073.	1.7	235
86	General and Specific Cognitive Deficits in Schizophrenia: Goliath Defeats David?. Biological Psychiatry, 2008, 64, 823-827.	0.7	232
87	Neural substrates for functionally discriminating self-face from personally familiar faces. Human Brain Mapping, 2006, 27, 91-98.	1.9	229
88	Functional Maturation of the Executive System during Adolescence. Journal of Neuroscience, 2013, 33, 16249-16261.	1.7	225
89	Heterogeneous impact of motion on fundamental patterns of developmental changes in functional connectivity during youth. NeuroImage, 2013, 83, 45-57.	2.1	223
90	Lateral asymmetry in intensity of emotional expression. Neuropsychologia, 1978, 16, 473-481.	0.7	221

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91	Facial recognition deficits and cognition in schizophrenia. Schizophrenia Research, 2004, 68, 27-35.	1.1	217
92	Self-deception, other-deception, and self-reported psychopathology.. Journal of Consulting and Clinical Psychology, 1979, 47, 213-215.	1.6	214
93	Limbic Activation Associated With Misidentification of Fearful Faces and Flat Affect in Schizophrenia. Archives of General Psychiatry, 2007, 64, 1356.	13.8	213
94	Common and Dissociable Dysfunction of the Reward System in Bipolar and Unipolar Depression. Neuropsychopharmacology, 2015, 40, 2258-2268.	2.8	210
95	MUSE: MUlti-atlas region Segmentation utilizing Ensembles of registration algorithms and parameters, and locally optimal atlas selection. NeuroImage, 2016, 127, 186-195.	2.1	210
96	Automated Facial Action Coding System for dynamic analysis of facial expressions in neuropsychiatric disorders. Journal of Neuroscience Methods, 2011, 200, 237-256.	1.3	209
97	Regional Brain Function in Schizophrenia. Archives of General Psychiatry, 1987, 44, 119.	13.8	208
98	Facial emotion recognition in schizophrenia:When and why does it go awry?. Schizophrenia Research, 2007, 94, 253-263.	1.1	208
99	The Philadelphia Neurodevelopmental Cohort: constructing a deep phenotyping collaborative. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2015, 56, 1356-1369.	3.1	208
100	Neurocognitive Growth Charting in Psychosis Spectrum Youths. JAMA Psychiatry, 2014, 71, 366.	6.0	206
101	Cognitive task effects on hemispheric blood flow in humans: Evidence for individual differences in hemispheric activation*1. Brain and Language, 1980, 9, 78-92.	0.8	202
102	The impact of quality assurance assessment on diffusion tensor imaging outcomes in a large-scale population-based cohort. NeuroImage, 2016, 125, 903-919.	2.1	202
103	Varenicline Improves Mood and Cognition During Smoking Abstinence. Biological Psychiatry, 2009, 65, 144-149.	0.7	199
104	Imaging Patterns of Brain Development and their Relationship to Cognition. Cerebral Cortex, 2015, 25, 1676-1684.	1.6	196
105	Flat Affect in Schizophrenia: Relation to Emotion Processing and Neurocognitive Measures. Schizophrenia Bulletin, 2006, 32, 279-287.	2.3	195
106	Normative brain size variation and brain shape diversity in humans. Science, 2018, 360, 1222-1227.	6.0	194
107	Functional MRI reveals left amygdala activation during emotion. Psychiatry Research - Neuroimaging, 1997, 76, 75-82.	0.9	193
108	Facial emotion discrimination: III. Behavioral findings in schizophrenia. Psychiatry Research, 1992, 42, 253-265.	1.7	191

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109	Common and Dissociable Mechanisms of Executive System Dysfunction Across Psychiatric Disorders in Youth. American Journal of Psychiatry, 2016, 173, 517-526.	4.0	191
110	Impairment in the Specificity of Emotion Processing in Schizophrenia. American Journal of Psychiatry, 2006, 163, 442-447.	4.0	190
111	Differences in facial expressions of four universal emotions. Psychiatry Research, 2004, 128, 235-244.	1.7	189
112	Age and Regional Cerebral Blood Flow at Rest and During Cognitive Activity. Archives of General Psychiatry, 1987, 44, 617.	13.8	186
113	Approaches to cognitive remediation of neuropsychological deficits in schizophrenia: a review and meta-analysis. Neuropsychology Review, 2001, 11, 197-210.	2.5	185
114	Event-Related fMRI of Frontotemporal Activity During Word Encoding and Recognition in Schizophrenia. American Journal of Psychiatry, 2004, 161, 1004-1015.	4.0	185
115	Leftward asymmetry in relative fiber density of the arcuate fasciculus. NeuroReport, 2005, 16, 791-794.	0.6	184
116	MRI signatures of brain age and disease over the lifespan based on a deep brain network and 14â€‰468 individuals worldwide. Brain, 2020, 143, 2312-2324.	3.7	183
117	Psychosocial versus physiological stress â€" Meta-analyses on deactivations and activations of the neural correlates of stress reactions. NeuroImage, 2015, 119, 235-251.	2.1	179
118	The psychosis spectrum in a young U.S. community sample: findings from the Philadelphia Neurodevelopmental Cohort. World Psychiatry, 2014, 13, 296-305.	4.8	178
119	Self-face recognition and theory of mind in patients with schizophrenia and first-degree relatives. Schizophrenia Research, 2006, 88, 151-160.	1.1	173
120	Mood effects on limbic blood flow correlate with emotional self-rating: A PET study with oxygen-15 labeled water. Psychiatry Research - Neuroimaging, 1995, 61, 265-283.	0.9	171
121	Amygdala activation and facial expressions: Explicit emotion discrimination versus implicit emotion processing. Neuropsychologia, 2007, 45, 2369-2377.	0.7	171
122	Memory deficits before and after temporal lobectomy: Effect of laterality and age of onset. Brain and Cognition, 1989, 9, 191-200.	0.8	170
123	Explicit identification and implicit recognition of facial emotions: I. Age effects in males and females across 10 decades. Journal of Clinical and Experimental Neuropsychology, 2009, 31, 257-277.	0.8	170
124	Hemispheric asymmetries in processing emotional expressions. Neuropsychologia, 1983, 21, 555-565.	0.7	169
125	Working memory deficits predict short-term smoking resumption following brief abstinence. Drug and Alcohol Dependence, 2010, 106, 61-64.	1.6	169
126	Impact of puberty on the evolution of cerebral perfusion during adolescence. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8643-8648.	3.3	169

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127	Amygdala activity to fear and anger in healthy young males is associated with testosterone. Psychoneuroendocrinology, 2009, 34, 687-693.	1.3	166
128	Effects of Emotional Discrimination Tasks on Cerebral Blood Flow: Regional Activation and Its Relation to Performance. Brain and Cognition, 1994, 25, 271-286.	0.8	165
129	The Effect of Anxiety on Cortical Cerebral Blood Flow and Metabolism. Journal of Cerebral Blood Flow and Metabolism, 1987, 7, 173-177.	2.4	164
130	Handedness, sex, and eyedness as moderating variables in the relation between hypnotic susceptibility and functional brain asymmetry.. Journal of Abnormal Psychology, 1974, 83, 635-643.	2.0	163
131	Modeling Deficits From Early Auditory Information Processing to Psychosocial Functioning in Schizophrenia. JAMA Psychiatry, 2017, 74, 37.	6.0	163
132	Volunteers for Biomedical Research. Archives of General Psychiatry, 1991, 48, 1022.	13.8	162
133	Individual Variation in Functional Topography of Association Networks in Youth. Neuron, 2020, 106, 340-353.e8.	3.8	162
134	Parallel loss of presynaptic and postsynaptic dopamine markers in normal aging. Annals of Neurology, 1998, 44, 143-147.	2.8	160
135	Two distinct neuroanatomical subtypes of schizophrenia revealed using machine learning. Brain, 2020, 143, 1027-1038.	3.7	158
136	Standardized mood induction with happy and sad facial expressions. Psychiatry Research, 1994, 51, 19-31.	1.7	157
137	Computerized Neurocognitive Scanning: II. The Profile of Schizophrenia. Neuropsychopharmacology, 2001, 25, 777-788.	2.8	157
138	The face in the crowd effect: Anger superiority when using real faces and multiple identities.. Emotion, 2010, 10, 141-146.	1.5	157
139	Sex differences in brain and behavior in adolescence: Findings from the Philadelphia Neurodevelopmental Cohort. Neuroscience and Biobehavioral Reviews, 2016, 70, 159-170.	2.9	157
140	Burden of Environmental Adversity Associated With Psychopathology, Maturation, and Brain Behavior Parameters in Youths. JAMA Psychiatry, 2019, 76, 966.	6.0	157
141	Facial emotion recognition and amygdala activation are associated with menstrual cycle phase. Psychoneuroendocrinology, 2008, 33, 1031-1040.	1.3	156
142	The effects of right and left hemiparkinsonism on prosody. Brain and Language, 1989, 36, 193-207.	0.8	154
143	Validation of mismatch negativity and P3a for use in multi-site studies of schizophrenia: Characterization of demographic, clinical, cognitive, and functional correlates in COGS-2. Schizophrenia Research, 2015, 163, 63-72.	1.1	154
144	Gender differences in the clinical expression of schizophrenia. Schizophrenia Research, 1992, 7, 225-231.	1.1	151

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145	Association of DNA Methylation Differences With Schizophrenia in an Epigenome-Wide Association Study. JAMA Psychiatry, 2016, 73, 506.	6.0	151
146	The impact of facial emotional expressions on behavioral tendencies in women and men.. Journal of Experimental Psychology: Human Perception and Performance, 2010, 36, 500-507.	0.7	150
147	Reduced Gray Matter Volume in Schizophrenia. Archives of General Psychiatry, 1999, 56, 905.	13.8	149
148	Social Cognition Deficits Among Individuals at Familial High Risk for Schizophrenia. Schizophrenia Bulletin, 2010, 36, 1081-1088.	2.3	149
149	Relations among clinical scales in schizophrenia. American Journal of Psychiatry, 1991, 148, 472-478.	4.0	147
150	Assessment of NMDA receptor NR1 subunit hypofunction in mice as a model for schizophrenia. Genes, Brain and Behavior, 2009, 8, 661-675.	1.1	147
151	Language Before and After Temporal Lobectomy: Specificity of Acute Changes and Relation to Early Risk Factors. Epilepsia, 1995, 36, 1071-1077.	2.6	146
152	Clinical subtypes of schizophrenia: differences in brain and CSF volume. American Journal of Psychiatry, 1994, 151, 343-350.	4.0	144
153	A meta-analysis of emotion perception and functional outcomes in schizophrenia. Schizophrenia Research, 2012, 137, 203-211.	1.1	144
154	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 431-451.	1.9	143
155	P50 abnormalities in schizophrenia: relationship to clinical and neuropsychological indices of attention. Schizophrenia Research, 1998, 33, 157-167.	1.1	142
156	Developmental increases in white matter network controllability support a growing diversity of brain dynamics. Nature Communications, 2017, 8, 1252.	5.8	140
157	Working memory for complex figures: an fMRI comparison of letter and fractal n-back tasks. Neuropsychology, 2002, 16, 370-9.	1.0	140
158	The modular organization of human anatomical brain networks: Accounting for the cost of wiring. Network Neuroscience, 2017, 1, 42-68.	1.4	136
159	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	6.0	136
160	Schizophrenia throughout life: sex differences in severity and profile of symptoms. Schizophrenia Research, 1996, 21, 1-12.	1.1	135
161	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. NeuroImage, 2020, 218, 116956.	2.1	135
162	The Consortium on the Genetics of Endophenotypes in Schizophrenia: Model Recruitment, Assessment, and Endophenotyping Methods for a Multisite Collaboration. Schizophrenia Bulletin, 2006, 33, 33-48.	2.3	134

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163	Neurocognition in Schizophrenia. Current Topics in Behavioral Neurosciences, 2010, 4, 373-390.	0.8	133
164	Neuropsychological deficits among patients with late-onset minor and major depression. Archives of Clinical Neuropsychology, 2003, 18, 529-549.	0.3	132
165	Patterns of coordinated cortical remodeling during adolescence and their associations with functional specialization and evolutionary expansion. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3527-3532.	3.3	130
166	Regional Brain Function in Schizophrenia. Archives of General Psychiatry, 1987, 44, 126.	13.8	129
167	Characterization of sexual dimorphism in the human corpus callosum. NeuroImage, 2003, 20, 512-519.	2.1	129
168	Effect of Schizophrenia on Frontotemporal Activity During Word Encoding and Recognition: A PET Cerebral Blood Flow Study. American Journal of Psychiatry, 2001, 158, 1114-1125.	4.0	128
169	Brain Function in Psychiatric Disorders. Archives of General Psychiatry, 1983, 40, 1250.	13.8	127
170	QSIPrep: an integrative platform for preprocessing and reconstructing diffusion MRI data. Nature Methods, 2021, 18, 775-778.	9.0	127
171	Being right is its own reward: Load and performance related ventral striatum activation to correct responses during a working memory task in youth. NeuroImage, 2012, 61, 723-729.	2.1	126
172	Cerebral activation, as measured by subjects' lateral eye movements, is influenced by experimenter location. Neuropsychologia, 1975, 13, 35-44.	0.7	125
173	A sexually dimorphic ratio of orbitofrontal to amygdala volume is altered in schizophrenia. Biological Psychiatry, 2004, 55, 512-517.	0.7	125
174	Comparison of the continuous performance test with and without working memory demands in healthy controls and patients with schizophrenia. Schizophrenia Research, 2001, 48, 307-316.	1.1	123
175	Sensory Contributions to Impaired Emotion Processing in Schizophrenia. Schizophrenia Bulletin, 2009, 35, 1095-1107.	2.3	123
176	Development and Validation of the <I>Cognition</I> Test Battery for Spaceflight. Aerospace Medicine and Human Performance, 2015, 86, 942-952.	0.2	122
177	Establishing a link between sex-related differences in the structural connectome and behaviour. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150111.	1.8	121
178	Prefrontal cortical thinning links to negative symptoms in schizophrenia via the ENIGMA consortium. Psychological Medicine, 2018, 48, 82-94.	2.7	121
179	Self-Deception, Self-Confrontation, and Consciousness. , 1978, , 139-197.		121
180	Effects of the Î±4Î²2 Partial Agonist Varenicline on Brain Activity and Working Memory in Abstinent Smokers. Biological Psychiatry, 2010, 67, 715-721.	0.7	119

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181	Multisite Machine Learning Analysis Provides a Robust Structural Imaging Signature of Schizophrenia Detectable Across Diverse Patient Populations and Within Individuals. Schizophrenia Bulletin, 2018, 44, 1035-1044.	2.3	118
182	Association among income loss, financial strain and depressive symptoms during COVID-19: Evidence from two longitudinal studies. Journal of Affective Disorders, 2021, 291, 1-8.	2.0	117
183	Structural Brain Abnormalities in Youth With Psychosis Spectrum Symptoms. JAMA Psychiatry, 2016, 73, 515.	6.0	116
184	Sex differences in neuroanatomical and clinical correlations in schizophrenia. American Journal of Psychiatry, 1996, 153, 799-805.	4.0	115
185	Abnormal Auditory N100 Amplitude: A Heritable Endophenotype in First-Degree Relatives of Schizophrenia Probands. Biological Psychiatry, 2008, 64, 1051-1059.	0.7	115
186	Genome-Wide Linkage Analyses of 12 Endophenotypes for Schizophrenia From the Consortium on the Genetics of Schizophrenia. American Journal of Psychiatry, 2013, 170, 521-532.	4.0	114
187	Acute naming deficits following dominant temporal lobectomy. Neurology, 1990, 40, 1509-1509.	1.5	113
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