

Jay Giedd

List of Publications by Citations

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258
papers

51,836
citations

104
h-index

227
g-index

289
ext. papers

58,138
ext. citations

7.6
avg, IF

7.5
L-index

#	Paper	IF	Citations
258	Brain development during childhood and adolescence: a longitudinal MRI study. <i>Nature Neuroscience</i> , 1999 , 2, 861-3	25.5	3982
257	Dynamic mapping of human cortical development during childhood through early adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8174-9	11.5	3862
256	Why do many psychiatric disorders emerge during adolescence?. <i>Nature Reviews Neuroscience</i> , 2008 , 9, 947-57	13.5	1825
255	Brain development in children and adolescents: insights from anatomical magnetic resonance imaging. <i>Neuroscience and Biobehavioral Reviews</i> , 2006 , 30, 718-29	9	1274
254	Neurodevelopmental trajectories of the human cerebral cortex. <i>Journal of Neuroscience</i> , 2008 , 28, 3586-94	9.6	1179
253	Intellectual ability and cortical development in children and adolescents. <i>Nature</i> , 2006 , 440, 676-9	50.4	1133
252	Attention-deficit/hyperactivity disorder is characterized by a delay in cortical maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 19649-54	11.5	1111
251	Structural magnetic resonance imaging of the adolescent brain. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1021, 77-85	6.5	1079
250	Structural maturation of neural pathways in children and adolescents: in vivo study. <i>Science</i> , 1999 , 283, 1908-11	33.3	1067
249	Structural and functional brain development and its relation to cognitive development. <i>Biological Psychology</i> , 2000 , 54, 241-57	3.2	1053
248	Developmental trajectories of brain volume abnormalities in children and adolescents with attention-deficit/hyperactivity disorder. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 288, 1740-8	27.4	1036
247	Sexual dimorphism of brain developmental trajectories during childhood and adolescence. <i>NeuroImage</i> , 2007 , 36, 1065-73	7.9	953
246	Quantitative magnetic resonance imaging of human brain development: ages 4-18. <i>Cerebral Cortex</i> , 1996 , 6, 551-60	5.1	867
245	A Developmental Functional MRI Study of Prefrontal Activation during Performance of a Go-No-Go Task. <i>Journal of Cognitive Neuroscience</i> , 1997 , 9, 835-47	3.1	857
244	Consensus statement on management of intersex disorders. International Consensus Conference on Intersex. <i>Pediatrics</i> , 2006 , 118, e488-500	7.4	782
243	A.E. Bennett Research Award. Developmental traumatology. Part II: Brain development. <i>Biological Psychiatry</i> , 1999 , 45, 1271-84	7.9	770
242	Brain structural abnormalities in young children with autism spectrum disorder. <i>Neurology</i> , 2002 , 59, 184-92	6.5	744

241	Growth patterns in the developing brain detected by using continuum mechanical tensor maps. <i>Nature</i> , 2000 , 404, 190-3	50.4	690
240	Mapping adolescent brain change reveals dynamic wave of accelerated gray matter loss in very early-onset schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 11650-5	11.5	634
239	Implication of right frontostriatal circuitry in response inhibition and attention-deficit/hyperactivity disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1997 , 36, 374-83	7.2	628
238	Structural MRI of pediatric brain development: what have we learned and where are we going?. <i>Neuron</i> , 2010 , 67, 728-34	13.9	599
237	Quantitative MRI of the temporal lobe, amygdala, and hippocampus in normal human development: ages 4-18 years. <i>Journal of Comparative Neurology</i> , 1996 , 366, 223-30	3.4	596
236	Imaging structural co-variance between human brain regions. <i>Nature Reviews Neuroscience</i> , 2013 , 14, 322-36	13.5	569
235	Morphology and development of the human vocal tract: a study using magnetic resonance imaging. <i>Journal of the Acoustical Society of America</i> , 1999 , 106, 1511-22	2.2	561
234	Neurodevelopmental model of schizophrenia: update 2012. <i>Molecular Psychiatry</i> , 2012 , 17, 1228-38	15.1	527
233	The teen brain: insights from neuroimaging. <i>Journal of Adolescent Health</i> , 2008 , 42, 335-43	5.8	526
232	Longitudinal mapping of cortical thickness and clinical outcome in children and adolescents with attention-deficit/hyperactivity disorder. <i>Archives of General Psychiatry</i> , 2006 , 63, 540-9		509
231	How does your cortex grow?. <i>Journal of Neuroscience</i> , 2011 , 31, 7174-7	6.6	481
230	Statistical approach to segmentation of single-channel cerebral MR images. <i>IEEE Transactions on Medical Imaging</i> , 1997 , 16, 176-86	11.7	418
229	Mapping anatomical correlations across cerebral cortex (MACACC) using cortical thickness from MRI. <i>NeuroImage</i> , 2006 , 31, 993-1003	7.9	415
228	Prevalence of and risk factors for depressive symptoms among young adolescents. <i>JAMA Pediatrics</i> , 2004 , 158, 760-5		413
227	Sexual dimorphism of the developing human brain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1997 , 21, 1185-201	5.5	398
226	Childhood neglect is associated with reduced corpus callosum area. <i>Biological Psychiatry</i> , 2004 , 56, 80-5	7.9	346
225	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
224	Anatomical MRI of the developing human brain: what have we learned?. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2001 , 40, 1012-20	7.2	337

223	Quantitative brain magnetic resonance imaging in girls with attention-deficit/hyperactivity disorder. <i>Archives of General Psychiatry</i> , 2001 , 58, 289-95		326
222	Sex differences in the adolescent brain. <i>Brain and Cognition</i> , 2010 , 72, 46-55	2.7	323
221	Dynamic mapping of normal human hippocampal development. <i>Hippocampus</i> , 2006 , 16, 664-72	3.5	323
220	Adolescent maturity and the brain: the promise and pitfalls of neuroscience research in adolescent health policy. <i>Journal of Adolescent Health</i> , 2009 , 45, 216-21	5.8	322
219	Progressive cortical change during adolescence in childhood-onset schizophrenia. A longitudinal magnetic resonance imaging study. <i>Archives of General Psychiatry</i> , 1999 , 56, 649-54		322
218	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. <i>NeuroImage</i> , 2004 , 23 Suppl 1, S2-18	7.9	312
217	The influence of puberty on subcortical brain development. <i>NeuroImage</i> , 2014 , 88, 242-51	7.9	308
216	A unified statistical approach to deformation-based morphometry. <i>NeuroImage</i> , 2001 , 14, 595-606	7.9	308
215	The convergence of maturational change and structural covariance in human cortical networks. <i>Journal of Neuroscience</i> , 2013 , 33, 2889-99	6.6	294
214	Development of the human corpus callosum during childhood and adolescence: a longitudinal MRI study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1999 , 23, 571-88	5.5	294
213	Activation of prefrontal cortex in children during a nonspatial working memory task with functional MRI. <i>NeuroImage</i> , 1995 , 2, 221-9	7.9	291
212	Transitions into underage and problem drinking: developmental processes and mechanisms between 10 and 15 years of age. <i>Pediatrics</i> , 2008 , 121 Suppl 4, S273-89	7.4	290
211	Cerebellum development during childhood and adolescence: a longitudinal morphometric MRI study. <i>NeuroImage</i> , 2010 , 49, 63-70	7.9	286
210	Altering the course of schizophrenia: progress and perspectives. <i>Nature Reviews Drug Discovery</i> , 2016 , 15, 485-515	64.1	284
209	Mental health. Adolescent mental health—opportunity and obligation. <i>Science</i> , 2014 , 346, 547-9	33.3	251
208	Differences in genetic and environmental influences on the human cerebral cortex associated with development during childhood and adolescence. <i>Human Brain Mapping</i> , 2009 , 30, 163-74	5.9	248
207	MRI assessment of children with obsessive-compulsive disorder or tics associated with streptococcal infection. <i>American Journal of Psychiatry</i> , 2000 , 157, 281-3	11.9	244
206	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

205	Cortical morphology in children and adolescents with different apolipoprotein E gene polymorphisms: an observational study. <i>Lancet Neurology, The</i> , 2007 , 6, 494-500	24.1	236
204	A quantitative MRI study of the corpus callosum in children and adolescents. <i>Developmental Brain Research</i> , 1996 , 91, 274-80		236
203	Developmental changes in the structure of the social brain in late childhood and adolescence. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 123-31	4	234
202	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
201	Patterns of coordinated anatomical change in human cortical development: a longitudinal neuroimaging study of maturational coupling. <i>Neuron</i> , 2011 , 72, 873-84	13.9	228
200	Puberty-related influences on brain development. <i>Molecular and Cellular Endocrinology</i> , 2006 , 254-255, 154-62	4.4	228
199	The developmental mismatch in structural brain maturation during adolescence. <i>Developmental Neuroscience</i> , 2014 , 36, 147-60	2.2	224
198	Deformation-based surface morphometry applied to gray matter deformation. <i>NeuroImage</i> , 2003 , 18, 198-213	7.9	223
197	Magnetic resonance imaging of brain anomalies in fetal alcohol syndrome. <i>Pediatrics</i> , 1997 , 99, 232-40	7.4	217
196	Cerebellar development and clinical outcome in attention deficit hyperactivity disorder. <i>American Journal of Psychiatry</i> , 2007 , 164, 647-55	11.9	216
195	Anatomical brain magnetic resonance imaging of typically developing children and adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2009 , 48, 465-470	7.2	214
194	Longitudinal four-dimensional mapping of subcortical anatomy in human development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1592-7	11.5	213
193	Cortical development in typically developing children with symptoms of hyperactivity and impulsivity: support for a dimensional view of attention deficit hyperactivity disorder. <i>American Journal of Psychiatry</i> , 2011 , 168, 143-51	11.9	211
192	Brain imaging of attention deficit/hyperactivity disorder. <i>Annals of the New York Academy of Sciences</i> , 2001 , 931, 33-49	6.5	210
191	Child psychiatry branch of the National Institute of Mental Health longitudinal structural magnetic resonance imaging study of human brain development. <i>Neuropsychopharmacology</i> , 2015 , 40, 43-9	8.7	208
190	Review: magnetic resonance imaging of male/female differences in human adolescent brain anatomy. <i>Biology of Sex Differences</i> , 2012 , 3, 19	9.3	200
189	Longitudinally mapping the influence of sex and androgen signaling on the dynamics of human cortical maturation in adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 16988-93	11.5	197
188	Polymorphisms of the dopamine D4 receptor, clinical outcome, and cortical structure in attention-deficit/hyperactivity disorder. <i>Archives of General Psychiatry</i> , 2007 , 64, 921-31		195

187	Age-related temporal and parietal cortical thinning in autism spectrum disorders. <i>Brain</i> , 2010 , 133, 3745-542	5.4	192
186	Childhood-onset schizophrenia: progressive brain changes during adolescence. <i>Biological Psychiatry</i> , 1999 , 46, 892-8	7.9	188
185	How can drug discovery for psychiatric disorders be improved?. <i>Nature Reviews Drug Discovery</i> , 2007 , 6, 189-201	64.1	186
184	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019 , 202, 116091	7.9	184
183	Controlled stimulant treatment of ADHD and comorbid Tourette syndrome: effects of stimulant and dose. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1997 , 36, 589-96	7.2	175
182	Development of cortical asymmetry in typically developing children and its disruption in attention-deficit/hyperactivity disorder. <i>Archives of General Psychiatry</i> , 2009 , 66, 888-96		168
181	Progressive reduction of temporal lobe structures in childhood-onset schizophrenia. <i>American Journal of Psychiatry</i> , 1998 , 155, 678-85	11.9	167
180	Lack of an association between a dopamine-4 receptor polymorphism and attention-deficit/hyperactivity disorder: genetic and brain morphometric analyses. <i>Molecular Psychiatry</i> , 1998 , 3, 431-4	15.1	161
179	Progressive brain volume loss during adolescence in childhood-onset schizophrenia. <i>American Journal of Psychiatry</i> , 2003 , 160, 2181-9	11.9	157
178	Summary of consensus statement on intersex disorders and their management. International Intersex Consensus Conference. <i>Pediatrics</i> , 2006 , 118, 753-7	7.4	153
177	Childhood-onset schizophrenia: an NIMH study in progress. <i>Schizophrenia Bulletin</i> , 1994 , 20, 697-712	1.3	153
176	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
175	Identification of genetically mediated cortical networks: a multivariate study of pediatric twins and siblings. <i>Cerebral Cortex</i> , 2008 , 18, 1737-47	5.1	139
174	Prenatal growth in humans and postnatal brain maturation into late adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 11366-71	11.5	138
173	Set-shifting in children with autism spectrum disorders: reversal shifting deficits on the Intradimensional/Extradimensional Shift Test correlate with repetitive behaviors. <i>Autism</i> , 2009 , 13, 523-38	6.6	136
172	Dynamically spreading frontal and cingulate deficits mapped in adolescents with schizophrenia. <i>Archives of General Psychiatry</i> , 2006 , 63, 25-34		135
171	Changes in the adolescent brain and the pathophysiology of psychotic disorders. <i>Lancet Psychiatry</i> , 2014 , 1, 549-58	23.3	133
170	Case study: acute basal ganglia enlargement and obsessive-compulsive symptoms in an adolescent boy. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1996 , 35, 913-5	7.2	132

169	Childhood-onset schizophrenia: brain MRI rescan after 2 years of clozapine maintenance treatment. <i>American Journal of Psychiatry</i> , 1996 , 153, 564-6	11.9	129
168	A pediatric twin study of brain morphometry. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006 , 47, 987-93	7.9	126
167	Through Thick and Thin: a Need to Reconcile Contradictory Results on Trajectories in Human Cortical Development. <i>Cerebral Cortex</i> , 2017 , 27, 1472-1481	5.1	125
166	Childhood onset schizophrenia: cortical brain abnormalities as young adults. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006 , 47, 1003-12	7.9	125
165	Comparison of progressive cortical gray matter loss in childhood-onset schizophrenia with that in childhood-onset atypical psychoses. <i>Archives of General Psychiatry</i> , 2004 , 61, 17-22		122
164	Dynamic mapping of cortical development before and after the onset of pediatric bipolar illness. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2007 , 48, 852-62	7.9	119
163	Normative brain size variation and brain shape diversity in humans. <i>Science</i> , 2018 , 360, 1222-1227	33.3	117
162	Quantitative morphology of the cerebellum and fourth ventricle in childhood-onset schizophrenia. <i>American Journal of Psychiatry</i> , 1997 , 154, 1663-9	11.9	115
161	XXY (Klinefelter syndrome): a pediatric quantitative brain magnetic resonance imaging case-control study. <i>Pediatrics</i> , 2007 , 119, e232-40	7.4	114
160	Differential tangential expansion as a mechanism for cortical gyrfication. <i>Cerebral Cortex</i> , 2014 , 24, 2219-28	3.28	109
159	The digital revolution and adolescent brain evolution. <i>Journal of Adolescent Health</i> , 2012 , 51, 101-5	5.8	109
158	Premorbid speech and language impairments in childhood-onset schizophrenia: association with risk factors. <i>American Journal of Psychiatry</i> , 2000 , 157, 794-800	11.9	107
157	Progressive loss of cerebellar volume in childhood-onset schizophrenia. <i>American Journal of Psychiatry</i> , 2003 , 160, 128-33	11.9	105
156	A magnetic resonance imaging study of planum temporale asymmetry in men with developmental dyslexia. <i>Archives of Neurology</i> , 1997 , 54, 1481-9		104
155	Quantitative morphology of the caudate and putamen in patients with cocaine dependence. <i>American Journal of Psychiatry</i> , 2001 , 158, 486-9	11.9	104
154	Subtle in-scanner motion biases automated measurement of brain anatomy from in vivo MRI. <i>Human Brain Mapping</i> , 2016 , 37, 2385-97	5.9	104
153	Three-dimensional brain growth abnormalities in childhood-onset schizophrenia visualized by using tensor-based morphometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 15979-84	11.5	103
152	PANDAS: the search for environmental triggers of pediatric neuropsychiatric disorders. Lessons from rheumatic fever. <i>Journal of Child Neurology</i> , 1998 , 13, 413-23	2.5	103

151	Variability of human brain structure size: ages 4-20 years. <i>Psychiatry Research - Neuroimaging</i> , 1997 , 74, 1-12	2.9	102
150	Increased gyrification, but comparable surface area in adolescents with autism spectrum disorders. <i>Brain</i> , 2013 , 136, 1956-67	11.2	100
149	Basal ganglia morphometry and repetitive behavior in young children with autism spectrum disorder. <i>Autism Research</i> , 2011 , 4, 212-20	5.1	100
148	Children with classic congenital adrenal hyperplasia have decreased amygdala volume: potential prenatal and postnatal hormonal effects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 1760-5	5.6	100
147	Cerebellar vermal volumes and behavioral correlates in children with autism spectrum disorder. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 172, 61-7	2.9	97
146	Children experience cognitive decline despite reversal of brain atrophy one year after resolution of Cushing syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 2531-6	5.6	93
145	Anatomic magnetic resonance imaging of the developing child and adolescent brain and effects of genetic variation. <i>Neuropsychology Review</i> , 2010 , 20, 349-61	7.7	89
144	The changing impact of genes and environment on brain development during childhood and adolescence: initial findings from a neuroimaging study of pediatric twins. <i>Development and Psychopathology</i> , 2008 , 20, 1161-75	4.3	89
143	Compared to what? Early brain overgrowth in autism and the perils of population norms. <i>Biological Psychiatry</i> , 2013 , 74, 563-75	7.9	88
142	Corpus callosum morphometrics in young children with autism spectrum disorder. <i>Journal of Autism and Developmental Disorders</i> , 2006 , 36, 733-9	4.6	88
141	Motion artifact in magnetic resonance imaging: implications for automated analysis. <i>NeuroImage</i> , 2002 , 16, 89-92	7.9	86
140	Abnormal cortical growth in schizophrenia targets normative modules of synchronized development. <i>Biological Psychiatry</i> , 2014 , 76, 438-46	7.9	84
139	DUF1220-domain copy number implicated in human brain-size pathology and evolution. <i>American Journal of Human Genetics</i> , 2012 , 91, 444-54	11	83
138	Anatomic brain abnormalities in monozygotic twins discordant for attention deficit hyperactivity disorder. <i>American Journal of Psychiatry</i> , 2003 , 160, 1693-6	11.9	82
137	Regional MRI measurements of the corpus callosum: a methodological and developmental study. <i>Brain and Development</i> , 1996 , 18, 379-88	2.2	79
136	The dynamic role of genetics on cortical patterning during childhood and adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6774-9	11.5	76
135	Sex-chromosome dosage effects on gene expression in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 7398-7403	11.5	75
134	Childhood-onset psychotic disorders: magnetic resonance imaging of volumetric differences in brain structure. <i>American Journal of Psychiatry</i> , 2000 , 157, 1467-74	11.9	74

133	Structural MRI and brain development. <i>International Review of Neurobiology</i> , 2005 , 67, 285-323	4.4	73
132	Review of twin and family studies on neuroanatomic phenotypes and typical neurodevelopment. <i>Twin Research and Human Genetics</i> , 2007 , 10, 683-94	2.2	72
131	Cortical thickness in adolescent marijuana and alcohol users: A three-year prospective study from adolescence to young adulthood. <i>Developmental Cognitive Neuroscience</i> , 2015 , 16, 101-109	5.5	70
130	Automated morphometric study of brain variation in XXY males. <i>NeuroImage</i> , 2004 , 23, 648-53	7.9	70
129	Frequency and severity of enlarged cavum septi pellucidi in childhood-onset schizophrenia. <i>American Journal of Psychiatry</i> , 1998 , 155, 1074-9	11.9	69
128	Reduced brain size and gyrification in the brains of dyslexic patients. <i>Journal of Child Neurology</i> , 2004 , 19, 275-81	2.5	68
127	Smooth pursuit eye movements in childhood-onset schizophrenia: comparison with attention-deficit hyperactivity disorder and normal controls. <i>Biological Psychiatry</i> , 1996 , 40, 1144-54	7.9	65
126	A Key Characteristic of Sex Differences in the Developing Brain: Greater Variability in Brain Structure of Boys than Girls. <i>Cerebral Cortex</i> , 2018 , 28, 2741-2751	5.1	62
125	Reduced gyral width and corpus callosum size in autism: possible macroscopic correlates of a minicolumnopathy. <i>Journal of Autism and Developmental Disorders</i> , 2009 , 39, 751-64	4.6	61
124	Structural brain MRI abnormalities in healthy siblings of patients with childhood-onset schizophrenia. <i>American Journal of Psychiatry</i> , 2003 , 160, 569-71	11.9	59
123	Annual Research Review: Developmental considerations of gene by environment interactions. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2011 , 52, 429-41	7.9	58
122	Morphological alteration of temporal lobe gray matter in dyslexia: an MRI study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2000 , 41, 637-44	7.9	57
121	A multivariate analysis of neuroanatomic relationships in a genetically informative pediatric sample. <i>NeuroImage</i> , 2007 , 35, 70-82	7.9	56
120	Structural brain magnetic resonance imaging of pediatric twins. <i>Human Brain Mapping</i> , 2007 , 28, 474-81	5.9	55
119	Cortical anatomy in human X monosomy. <i>NeuroImage</i> , 2010 , 49, 2915-23	7.9	54
118	Trajectories of anatomic brain development as a phenotype. <i>Novartis Foundation Symposium</i> , 2008 , 289, 101-12; discussion 112-8, 193-5		53
117	Distinct cortical correlates of autistic versus antisocial traits in a longitudinal sample of typically developing youth. <i>Journal of Neuroscience</i> , 2012 , 32, 4856-60	6.6	52
116	Dynamic mapping of hippocampal development in childhood onset schizophrenia. <i>Schizophrenia Research</i> , 2007 , 90, 62-70	3.6	52

115	Brain development in healthy, hyperactive, and psychotic children. <i>Archives of Neurology</i> , 2002 , 59, 1244-8		52
114	Brain development, IX: human brain growth. <i>American Journal of Psychiatry</i> , 1999 , 156, 4	11.9	52
113	Effects of sex chromosome aneuploidies on brain development: evidence from neuroimaging studies. <i>Developmental Disabilities Research Reviews</i> , 2009 , 15, 318-27		51
112	The amazing teen brain. <i>Scientific American</i> , 2015 , 312, 32-7	0.5	50
111	A case of pediatric autoimmune neuropsychiatric disorders associated with streptococcal infections. <i>American Journal of Psychiatry</i> , 1998 , 155, 1592-8	11.9	50
110	Clinical and neurobiological correlates of cytogenetic abnormalities in childhood-onset schizophrenia. <i>American Journal of Psychiatry</i> , 1999 , 156, 1575-9	11.9	50
109	Striatal shape abnormalities as novel neurodevelopmental endophenotypes in schizophrenia: a longitudinal study. <i>Human Brain Mapping</i> , 2015 , 36, 1458-69	5.9	49
108	Variance decomposition of MRI-based covariance maps using genetically informative samples and structural equation modeling. <i>NeuroImage</i> , 2009 , 47, 56-64	7.9	49
107	Longitudinal cortical development during adolescence and young adulthood in autism spectrum disorder: increased cortical thinning but comparable surface area changes. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015 , 54, 464-9	7.2	48
106	Dosage effects of X and Y chromosomes on language and social functioning in children with supernumerary sex chromosome aneuploidies: implications for idiopathic language impairment and autism spectrum disorders. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2012 , 53, 1072-81	7.9	48
105	Corpus callosum development in childhood-onset schizophrenia. <i>Schizophrenia Research</i> , 2003 , 62, 105-146		46
104	An Allometric Analysis of Sex and Sex Chromosome Dosage Effects on Subcortical Anatomy in Humans. <i>Journal of Neuroscience</i> , 2016 , 36, 2438-48	6.6	45
103	Allometric Analysis Detects Brain Size-Independent Effects of Sex and Sex Chromosome Complement on Human Cerebellar Organization. <i>Journal of Neuroscience</i> , 2017 , 37, 5221-5231	6.6	44
102	Children and adolescents with psychotic disorder not otherwise specified: a 2- to 8-year follow-up study. <i>Comprehensive Psychiatry</i> , 2001 , 42, 319-25	7.3	44
101	Developmental trajectories of the corpus callosum in attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2011 , 69, 839-46	7.9	43
100	Quantitative magnetic resonance imaging of the corpus callosum in childhood onset schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 1997 , 68, 77-86	2.9	43
99	Globally Divergent but Locally Convergent X- and Y-Chromosome Influences on Cortical Development. <i>Cerebral Cortex</i> , 2016 , 26, 70-9	5.1	41
98	Childhood-onset schizophrenia: biological markers in relation to clinical characteristics. <i>American Journal of Psychiatry</i> , 1997 , 154, 64-8	11.9	40

97	Longitudinal stability of the folding pattern of the anterior cingulate cortex during development. <i>Developmental Cognitive Neuroscience</i> , 2016 , 19, 122-7	5.5	39
96	Catechol-o-methyl transferase (COMT) val158met polymorphism and adolescent cortical development in patients with childhood-onset schizophrenia, their non-psychotic siblings, and healthy controls. <i>NeuroImage</i> , 2011 , 57, 1517-23	7.9	39
95	Common functional polymorphisms of DISC1 and cortical maturation in typically developing children and adolescents. <i>Molecular Psychiatry</i> , 2011 , 16, 917-26	15.1	38
94	Dissociations in Cortical Morphometry in Youth with Down Syndrome: Evidence for Reduced Surface Area but Increased Thickness. <i>Cerebral Cortex</i> , 2016 , 26, 2982-90	5.1	36
93	A magnetization transfer imaging study of corpus callosum myelination in young children with autism. <i>Biological Psychiatry</i> , 2012 , 72, 215-20	7.9	35
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