Jay Giedd

List of Publications by Year in Descending Order

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	Demographic and mental health assessments in the adolescent brain and cognitive development study: Updates and age-related trajectories. *Developmental Cognitive Neuroscience*, **2021**, 52, 101031	5.5	1
257	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. *JAMA Neurology*, **2021**, 78, 578-587	17.2	6
256	Adolescent brain and the natural allure of digital media?. *Dialogues in Clinical Neuroscience*, **2020**, 22, 127-133	5.7	0
255	Altered Sex Chromosome Dosage Induces Coordinated Shifts in Cortical Anatomy and Anatomical Covariance. *Cerebral Cortex*, **2020**, 30, 2215-2228	5.1	7
254	The Dynamic Associations Between Cortical Thickness and General Intelligence are Genetically Mediated. *Cerebral Cortex*, **2019**, 29, 4743-4752	5.1	29
253	A Comprehensive Quantitative Genetic Analysis of Cerebral Surface Area in Youth. *Journal of Neuroscience*, **2019**, 39, 3028-3040	6.6	21
252	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. *NeuroImage*, **2019**, 202, 116091	7.9	184
251	A Ripe Time for Adolescent Research. *Journal of Research on Adolescence*, **2018**, 28, 157-159	3.2	8
250	A Key Characteristic of Sex Differences in the Developing Brain: Greater Variability in Brain Structure of Boys than Girls. *Cerebral Cortex*, **2018**, 28, 2741-2751	5.1	62
249	A multisample study of longitudinal changes in brain network architecture in 4-13-year-old children. *Human Brain Mapping*, **2018**, 39, 157-170	5.9	16
248	The Genetic Contributions to Maturational Coupling in the Human Cerebrum: A Longitudinal Pediatric Twin Imaging Study. *Cerebral Cortex*, **2018**, 28, 3184-3191	5.1	7
247	Phonemic and Semantic Verbal Fluency in Sex Chromosome Aneuploidy: Contrasting the Effects of Supernumerary X versus Y Chromosomes on Performance. *Journal of the International Neuropsychological Society*, **2018**, 24, 917-927	3.1	1
246	Normative brain size variation and brain shape diversity in humans. *Science*, **2018**, 360, 1222-1227	33.3	117
245	Sex-chromosome dosage effects on gene expression in humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 7398-7403	11.5	75
244	Divergence of Age-Related Differences in Social-Communication: Improvements for Typically Developing Youth but Declines for Youth with Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, **2017**, 47, 472-479	4.6	9
243	Empowering Preschool Teachers to Identify Mental Health Problems: A Task-Sharing Intervention in Ethiopia. *Mind, Brain, and Education*, **2017**, 11, 32-42	1.8	8
242	Allometric Analysis Detects Brain Size-Independent Effects of Sex and Sex Chromosome Complement on Human Cerebellar Organization. *Journal of Neuroscience*, **2017**, 37, 5221-5231	6.6	44

241	Influences of Brain Size, Sex, and Sex Chromosome Complement on the Architecture of Human Cortical Folding. *Cerebral Cortex*, **2017**, 27, 5557-5567	5.1	25
240	Through Thick and Thin: a Need to Reconcile Contradictory Results on Trajectories in Human Cortical Development. *Cerebral Cortex*, **2017**, 27, 1472-1481	5.1	125
239	Dissociations in Cortical Morphometry in Youth with Down Syndrome: Evidence for Reduced Surface Area but Increased Thickness. *Cerebral Cortex*, **2016**, 26, 2982-90	5.1	36
238	Longitudinal stability of the folding pattern of the anterior cingulate cortex during development. *Developmental Cognitive Neuroscience*, **2016**, 19, 122-7	5.5	39
237	Cortical thickness change in autism during early childhood. *Human Brain Mapping*, **2016**, 37, 2616-29	5.9	30
236	Globally Divergent but Locally Convergent X- and Y-Chromosome Influences on Cortical Development. *Cerebral Cortex*, **2016**, 26, 70-9	5.1	41
235	An Allometric Analysis of Sex and Sex Chromosome Dosage Effects on Subcortical Anatomy in Humans. *Journal of Neuroscience*, **2016**, 36, 2438-48	6.6	45
234	Altering the course of schizophrenia: progress and perspectives. *Nature Reviews Drug Discovery*, **2016**, 15, 485-515	64.1	284
233	Subtle in-scanner motion biases automated measurement of brain anatomy from in vivo MRI. *Human Brain Mapping*, **2016**, 37, 2385-97	5.9	104
232	DUF1220 copy number is linearly associated with increased cognitive function as measured by total IQ and mathematical aptitude scores. *Human Genetics*, **2015**, 134, 67-75	6.3	24
231	Cortical thickness in adolescent marijuana and alcohol users: A three-year prospective study from adolescence to young adulthood. *Developmental Cognitive Neuroscience*, **2015**, 16, 101-109	5.5	70
230	Brain and behavior in 48, XXYY syndrome. *NeuroImage: Clinical*, **2015**, 8, 133-9	5.3	11
229	Child psychiatry branch of the National Institute of Mental Health longitudinal structural magnetic resonance imaging study of human brain development. *Neuropsychopharmacology*, **2015**, 40, 43-9	8.7	208
228	Anatomic Brain Imaging Studies of Normal and Abnormal Brain Development in Children and Adolescents **2015**, 127-196		
227	A case study of brain morphometry in triplets discordant for Down syndrome. *American Journal of Medical Genetics, Part A*, **2015**, 167A, 1107-10	2.5	1
226	Everyday executive functions in Down syndrome from early childhood to young adulthood: evidence for both unique and shared characteristics compared to youth with sex chromosome trisomy (XXX and XXY). *Frontiers in Behavioral Neuroscience*, **2015**, 9, 264	3.5	34
225	Longitudinal cortical development during adolescence and young adulthood in autism spectrum disorder: increased cortical thinning but comparable surface area changes. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2015**, 54, 464-9	7.2	48
224	The amazing teen brain. *Scientific American*, **2015**, 312, 32-7	0.5	50

223	Triangulating the sexually dimorphic brain through high-resolution neuroimaging of murine sex chromosome aneuploidies. *Brain Structure and Function*, **2015**, 220, 3581-93	4	16
222	Adolescent neuroscience of addiction: A new era. *Developmental Cognitive Neuroscience*, **2015**, 16, 192-193	3.3	14
221	The Adolescent Brain: Insights from Neuroimaging. *Research and Perspectives in Endocrine Interactions*, **2015**, 85-96		1
220	Striatal shape abnormalities as novel neurodevelopmental endophenotypes in schizophrenia: a longitudinal study. *Human Brain Mapping*, **2015**, 36, 1458-69	5.9	49
219	Mapping the stability of human brain asymmetry across five sex-chromosome aneuploidies. *Journal of Neuroscience*, **2015**, 35, 140-5	6.6	21
218	Normal Brain Development and Child/Adolescent Policy **2015**, 1721-1735		1
217	The influence of puberty on subcortical brain development. *NeuroImage*, **2014**, 88, 242-51	7.9	308
216	The dynamic role of genetics on cortical patterning during childhood and adolescence. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 6774-9	11.5	76
215	Developmental changes in the structure of the social brain in late childhood and adolescence. *Social Cognitive and Affective Neuroscience*, **2014**, 9, 123-31	4	234
214	Mental health. Adolescent mental health--opportunity and obligation. *Science*, **2014**, 346, 547-9	33.3	251
213	Abnormal cortical growth in schizophrenia targets normative modules of synchronized development. *Biological Psychiatry*, **2014**, 76, 438-46	7.9	84
212	Longitudinal MRI to assess effect of puberty on subcortical brain development: an observational study. *Lancet, The*, **2014**, 383, S52	40	3
211	Brain order disorder 2ndgroup report of f-EEG **2014**,		2
210	Longitudinal four-dimensional mapping of subcortical anatomy in human development. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 1592-7	11.5	213
209	Effects of sex chromosome dosage on corpus callosum morphology in supernumerary sex chromosome aneuploidies. *Biology of Sex Differences*, **2014**, 5, 16	9.3	8
208	Differential tangential expansion as a mechanism for cortical gyrification. *Cerebral Cortex*, **2014**, 24, 2219-28	5.2	109
207	Trail making test performance in youth varies as a function of anatomical coupling between the prefrontal cortex and distributed cortical regions. *Frontiers in Psychology*, **2014**, 5, 496	3.4	16
206	The developmental mismatch in structural brain maturation during adolescence. *Developmental Neuroscience*, **2014**, 36, 147-60	2.2	224

205	Anatomical coupling among distributed cortical regions in youth varies as a function of individual differences in vocabulary abilities. *Human Brain Mapping*, **2014**, 35, 1885-95	5.9	17
204	Changes in the adolescent brain and the pathophysiology of psychotic disorders. *Lancet Psychiatry,the*, **2014**, 1, 549-58	23.3	133
203	A case-control study of brain structure and behavioral characteristics in 47,XXX syndrome. *Genes, Brain and Behavior*, **2014**, 13, 841-9	3.6	24
202	Improved corpus callosum area measurements by analysis of adjoining parasagittal slices. *Psychiatry Research - Neuroimaging*, **2013**, 211, 221-5	2.9	6
201	Brain morphological abnormalities in 49,XXXXY syndrome: A pediatric magnetic resonance imaging study. *NeuroImage: Clinical*, **2013**, 2, 197-203	5.3	19
200	The anatomical distance of functional connections predicts brain network topology in health and schizophrenia. *Cerebral Cortex*, **2013**, 23, 127-38	5.1	237
199	Do Social Attribution Skills Improve with Age in Children with High Functioning Autism Spectrum Disorders?. *Research in Autism Spectrum Disorders*, **2013**, 7, 9-16	3	17
198	Compared to what? Early brain overgrowth in autism and the perils of population norms. *Biological Psychiatry*, **2013**, 74, 563-75	7.9	88
197	High resolution whole brain imaging of anatomical variation in XO, XX, and XY mice. *NeuroImage*, **2013**, 83, 962-8	7.9	28
196	The convergence of maturational change and structural covariance in human cortical networks. *Journal of Neuroscience*, **2013**, 33, 2889-99	6.6	294
195	Imaging structural co-variance between human brain regions. *Nature Reviews Neuroscience*, **2013**, 14, 322-36	13.5	569
194	Quantitative morphology of the corpus callosum in obsessive-compulsive disorder. *Psychiatry Research - Neuroimaging*, **2013**, 212, 1-6	2.9	8
193	Increased gyrification, but comparable surface area in adolescents with autism spectrum disorders. *Brain*, **2013**, 136, 1956-67	11.2	100
192	Mapping cortical anatomy in preschool aged children with autism using surface-based morphometry. *NeuroImage: Clinical*, **2012**, 2, 111-9	5.3	32
191	Delayed white matter growth trajectory in young nonpsychotic siblings of patients with childhood-onset schizophrenia. *Archives of General Psychiatry*, **2012**, 69, 875-84		26
190	Autism risk gene MET variation and cortical thickness in typically developing children and adolescents. *Autism Research*, **2012**, 5, 434-9	5.1	29
189	Neurodevelopmental model of schizophrenia: update 2012. *Molecular Psychiatry*, **2012**, 17, 1228-38	15.1	527
188	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. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2012**, 53, 1072-81	7.9	48

187	The digital revolution and adolescent brain evolution. *Journal of Adolescent Health*, **2012**, 51, 101-5	5.8	109
186	Simple models of human brain functional networks. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 5868-73	11.5	232
185	DUF1220-domain copy number implicated in human brain-size pathology and evolution. *American Journal of Human Genetics*, **2012**, 91, 444-54	11	83
184	A magnetization transfer imaging study of corpus callosum myelination in young children with autism. *Biological Psychiatry*, **2012**, 72, 215-20	7.9	35
183	The discovery of population differences in network community structure: new methods and applications to brain functional networks in schizophrenia. *NeuroImage*, **2012**, 59, 3889-900	7.9	149
182	Review: magnetic resonance imaging of male/female differences in human adolescent brain anatomy. *Biology of Sex Differences*, **2012**, 3, 19	9.3	200
181	Allelic variation within the putative autism spectrum disorder risk gene homeobox A1 and cerebellar maturation in typically developing children and adolescents. *Autism Research*, **2012**, 5, 93-100	5.1	9
180	Parental age effects on cortical morphology in offspring. *Cerebral Cortex*, **2012**, 22, 1256-62	5.1	16
179	Prenatal growth in humans and postnatal brain maturation into late adolescence. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 11366-71	11.5	138
178	Distinct cortical correlates of autistic versus antisocial traits in a longitudinal sample of typically developing youth. *Journal of Neuroscience*, **2012**, 32, 4856-60	6.6	52
177	Reply to Segal: Are relationships between birth weight and intelligence quotient variation within twin pairs modulated by patterns of handedness discordance?. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, E3294-E3294	11.5	1
176	Developmental trajectories of the corpus callosum in attention-deficit/hyperactivity disorder. *Biological Psychiatry*, **2011**, 69, 839-46	7.9	43
175	Catechol-o-methyl transferase (COMT) val158met polymorphism and adolescent cortical development in patients with childhood-onset schizophrenia, their non-psychotic siblings, and healthy controls. *NeuroImage*, **2011**, 57, 1517-23	7.9	39
174	Patterns of coordinated anatomical change in human cortical development: a longitudinal neuroimaging study of maturational coupling. *Neuron*, **2011**, 72, 873-84	13.9	228
173	Sex Chromosome Aneuploidies: A Window for Examining the Effects of the X and Y Chromosomes on Speech, Language, and Social Development. *International Review of Research in Developmental Disabilities*, **2011**, 40, 139-180	1	6
172	Common functional polymorphisms of DISC1 and cortical maturation in typically developing children and adolescents. *Molecular Psychiatry*, **2011**, 16, 917-26	15.1	38
171	Annual Research Review: Developmental considerations of gene by environment interactions. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2011**, 52, 429-41	7.9	58
170	Basal ganglia morphometry and repetitive behavior in young children with autism spectrum disorder. *Autism Research*, **2011**, 4, 212-20	5.1	100

169	Cortical development in typically developing children with symptoms of hyperactivity and impulsivity: support for a dimensional view of attention deficit hyperactivity disorder. *American Journal of Psychiatry*, **2011**, 168, 143-51	11.9	211
168	How does your cortex grow?. *Journal of Neuroscience*, **2011**, 31, 7174-7	6.6	481
167	Executive function in young males with Klinefelter (XXY) syndrome with and without comorbid attention-deficit/hyperactivity disorder. *Journal of the International Neuropsychological Society*, **2011**, 17, 522-30	3.1	35
166	Are there differences in brain morphometry between twins and unrelated singletons? A pediatric MRI study. *Genes, Brain and Behavior*, **2010**, 9, 288-95	3.6	19
165	Disrupted modularity and local connectivity of brain functional networks in childhood-onset schizophrenia. *Frontiers in Systems Neuroscience*, **2010**, 4, 147	3.5	338
164	Longitudinally mapping the influence of sex and androgen signaling on the dynamics of human cortical maturation in adolescence. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 16988-93	11.5	197
163	Age-related temporal and parietal cortical thinning in autism spectrum disorders. *Brain*, **2010**, 133, 3745-54	11.2	192
162	[PL6]: Neuroimaging of human development and neurodevelopmental disorders. *International Journal of Developmental Neuroscience*, **2010**, 28, 640-641	2.7	1
161	Sex differences in the adolescent brain. *Brain and Cognition*, **2010**, 72, 46-55	2.7	323
160	Structural MRI of pediatric brain development: what have we learned and where are we going?. *Neuron*, **2010**, 67, 728-34	13.9	599
159	Cerebellum development during childhood and adolescence: a longitudinal morphometric MRI study. *NeuroImage*, **2010**, 49, 63-70	7.9	286
158	Cortical anatomy in human X monosomy. *NeuroImage*, **2010**, 49, 2915-23	7.9	54
157	Corpus Callosum Shape Analysis with Application to Dyslexia. *Translational Neuroscience*, **2010**, 1, 124-130	1.2	12
156	A bivariate twin study of regional brain volumes and verbal and nonverbal intellectual skills during childhood and adolescence. *Behavior Genetics*, **2010**, 40, 125-34	3.2	23
155	A twin study of intracerebral volumetric relationships. *Behavior Genetics*, **2010**, 40, 114-24	3.2	27
154	Basal ganglia MR relaxometry in obsessive-compulsive disorder: T2 depends upon age of symptom onset. *Brain Imaging and Behavior*, **2010**, 4, 35-45	4.1	13
153	Increased white matter gyral depth in dyslexia: implications for corticocortical connectivity. *Journal of Autism and Developmental Disorders*, **2010**, 40, 21-9	4.6	19
152	Anatomic magnetic resonance imaging of the developing child and adolescent brain and effects of genetic variation. *Neuropsychology Review*, **2010**, 20, 349-61	7.7	89

151	A case study of a multiply talented savant with an autism spectrum disorder: neuropsychological functioning and brain morphometry. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2009**, 364, 1425-32	5.8	34
150	Cerebellar vermal volumes and behavioral correlates in children with autism spectrum disorder. *Psychiatry Research - Neuroimaging*, **2009**, 172, 61-7	2.9	97
149	Differences in genetic and environmental influences on the human cerebral cortex associated with development during childhood and adolescence. *Human Brain Mapping*, **2009**, 30, 163-74	5.9	248
148	Effects of sex chromosome aneuploidies on brain development: evidence from neuroimaging studies. *Developmental Disabilities Research Reviews*, **2009**, 15, 318-27		51
147	Reduced gyral window and corpus callosum size in autism: possible macroscopic correlates of a minicolumnopathy. *Journal of Autism and Developmental Disorders*, **2009**, 39, 751-64	4.6	61
146	Effects of the Val158Met catechol-O-methyltransferase polymorphism on cortical structure in children and adolescents. *Molecular Psychiatry*, **2009**, 14, 348-9	15.1	32
145	Adolescent maturity and the brain: the promise and pitfalls of neuroscience research in adolescent health policy. *Journal of Adolescent Health*, **2009**, 45, 216-21	5.8	322
144	Linking adolescent sleep, brain maturation, and behavior. *Journal of Adolescent Health*, **2009**, 45, 319-20	5.8	21
143	Set-shifting in children with autism spectrum disorders: reversal shifting deficits on the Intradimensional/Extradimensional Shift Test correlate with repetitive behaviors. *Autism*, **2009**, 13, 523-38	6.6	136
142	Variance decomposition of MRI-based covariance maps using genetically informative samples and structural equation modeling. *NeuroImage*, **2009**, 47, 56-64	7.9	49
141	Anatomical brain magnetic resonance imaging of typically developing children and adolescents. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2009**, 48, 465-470	7.2	214
140	Journal of the American Academy of Child & Adolescent Psychiatry. In this issue. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2009**, 48, 677-678	7.2	
139	Development of cortical asymmetry in typically developing children and its disruption in attention-deficit/hyperactivity disorder. *Archives of General Psychiatry*, **2009**, 66, 888-96		168
138	Transitions into underage and problem drinking: summary of developmental processes and mechanisms: ages 10-15. *Alcohol Research*, **2009**, 32, 30-40		24
137	Neurostructural Endophenotypes In Autism Spectrum Disorder **2009**, 145-169		1
136	Why do many psychiatric disorders emerge during adolescence?. *Nature Reviews Neuroscience*, **2008**, 9, 947-57	13.5	1825
135	The teen brain: insights from neuroimaging. *Journal of Adolescent Health*, **2008**, 42, 335-43	5.8	526
134	Neurodevelopmental trajectories of the human cerebral cortex. *Journal of Neuroscience*, **2008**, 28, 3586-94	6.6	1179

133	Three-dimensional brain growth abnormalities in childhood-onset schizophrenia visualized by using tensor-based morphometry. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 15979-84	11.5	103
132	Identification of genetically mediated cortical networks: a multivariate study of pediatric twins and siblings. *Cerebral Cortex*, **2008**, 18, 1737-47	5.1	139
131	The changing impact of genes and environment on brain development during childhood and adolescence: initial findings from a neuroimaging study of pediatric twins. *Development and Psychopathology*, **2008**, 20, 1161-75	4.3	89
130	Transitions into underage and problem drinking: developmental processes and mechanisms between 10 and 15 years of age. *Pediatrics*, **2008**, 121 Suppl 4, S273-89	7.4	290
129	Trajectories of anatomic brain development as a phenotype. *Novartis Foundation Symposium*, **2008**, 289, 101-12; discussion 112-8, 193-5		53
128	XXY (Klinefelter syndrome): a pediatric quantitative brain magnetic resonance imaging case-control study. *Pediatrics*, **2007**, 119, e232-40	7.4	114
127	Dynamic mapping of hippocampal development in childhood onset schizophrenia. *Schizophrenia Research*, **2007**, 90, 62-70	3.6	52
126	Structural brain magnetic resonance imaging of pediatric twins. *Human Brain Mapping*, **2007**, 28, 474-81	5.9	55
125	How can drug discovery for psychiatric disorders be improved?. *Nature Reviews Drug Discovery*, **2007**, 6, 189-201	64.1	186
124	Dynamic mapping of cortical development before and after the onset of pediatric bipolar illness. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2007**, 48, 852-62	7.9	119
123	Cortical morphology in children and adolescents with different apolipoprotein E gene polymorphisms: an observational study. *Lancet Neurology, The*, **2007**, 6, 494-500	24.1	236
122	Attention-deficit/hyperactivity disorder is characterized by a delay in cortical maturation. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 19649-54	11.5	1111
121	Cerebellar development and clinical outcome in attention deficit hyperactivity disorder. *American Journal of Psychiatry*, **2007**, 164, 647-55	11.9	216
120	Polymorphisms of the dopamine D4 receptor, clinical outcome, and cortical structure in attention-deficit/hyperactivity disorder. *Archives of General Psychiatry*, **2007**, 64, 921-31		195
119	Review of twin and family studies on neuroanatomic phenotypes and typical neurodevelopment. *Twin Research and Human Genetics*, **2007**, 10, 683-94	2.2	72
118	A multivariate analysis of neuroanatomic relationships in a genetically informative pediatric sample. *NeuroImage*, **2007**, 35, 70-82	7.9	56
117	Sexual dimorphism of brain developmental trajectories during childhood and adolescence. *NeuroImage*, **2007**, 36, 1065-73	7.9	953
116	Brain development in children and adolescents: insights from anatomical magnetic resonance imaging. *Neuroscience and Biobehavioral Reviews*, **2006**, 30, 718-29	9	1274

115	Dynamic mapping of normal human hippocampal development. *Hippocampus*, **2006**, 16, 664-72	3.5	323
114	Summary of consensus statement on intersex disorders and their management. International Intersex Consensus Conference. *Pediatrics*, **2006**, 118, 753-7	7.4	153
113	Longitudinal mapping of cortical thickness and clinical outcome in children and adolescents with attention-deficit/hyperactivity disorder. *Archives of General Psychiatry*, **2006**, 63, 540-9		509
112	Dynamically spreading frontal and cingulate deficits mapped in adolescents with schizophrenia. *Archives of General Psychiatry*, **2006**, 63, 25-34		135
111	Mapping anatomical correlations across cerebral cortex (MACACC) using cortical thickness from MRI. *NeuroImage*, **2006**, 31, 993-1003	7.9	415
110	Consensus statement on management of intersex disorders. International Consensus Conference on Intersex. *Pediatrics*, **2006**, 118, e488-500	7.4	782
109	Puberty-related influences on brain development. *Molecular and Cellular Endocrinology*, **2006**, 254-255, 154-62	4.4	228
108	Childhood onset schizophrenia: cortical brain abnormalities as young adults. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2006**, 47, 1003-12	7.9	125
107	A pediatric twin study of brain morphometry. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2006**, 47, 987-93	7.9	126
106	Intellectual ability and cortical development in children and adolescents. *Nature*, **2006**, 440, 676-9	50.4	1133
105	Corpus callosum morphometrics in young children with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, **2006**, 36, 733-9	4.6	88
104	Structural MRI and brain development. *International Review of Neurobiology*, **2005**, 67, 285-323	4.4	73
103	Individual and population penalized regression splines for accelerated longitudinal designs. *Biometrics*, **2005**, 61, 1037-48	1.8	21
102	Magnetic resonance imaging study of brain asymmetries in dyslexic patients. *Journal of Child Neurology*, **2005**, 20, 842-7	2.5	9
101	Children experience cognitive decline despite reversal of brain atrophy one year after resolution of Cushing syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 2531-6	5.6	93
100	Prevalence of and risk factors for depressive symptoms among young adolescents. *JAMA Pediatrics*, **2004**, 158, 760-5		413
99	Reduced brain size and gyrification in the brains of dyslexic patients. *Journal of Child Neurology*, **2004**, 19, 275-81	2.5	68
98	Dynamic mapping of human cortical development during childhood through early adulthood. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 8174-9	11.5	3862

97	Structural magnetic resonance imaging of the adolescent brain. *Annals of the New York Academy of Sciences*, **2004**, 1021, 77-85	6.5	1079
96	Effects of hormones and sex chromosomes on stress-influenced regions of the developing pediatric brain. *Annals of the New York Academy of Sciences*, **2004**, 1032, 231-3	6.5	25
95	Childhood neglect is associated with reduced corpus callosum area. *Biological Psychiatry*, **2004**, 56, 80-5	7.9	346
94	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. *NeuroImage*, **2004**, 23 Suppl 1, S2-18	7.9	312
93	Automated morphometric study of brain variation in XXY males. *NeuroImage*, **2004**, 23, 648-53	7.9	70
92	Comparison of progressive cortical gray matter loss in childhood-onset schizophrenia with that in childhood-onset atypical psychoses. *Archives of General Psychiatry*, **2004**, 61, 17-22		122
91	Brain development in healthy children and adolescents: magnetic resonance imaging studies **2004**, 35-44		5
90	Progressive brain volume loss during adolescence in childhood-onset schizophrenia. *American Journal of Psychiatry*, **2003**, 160, 2181-9	11.9	157
89	Progressive loss of cerebellar volume in childhood-onset schizophrenia. *American Journal of Psychiatry*, **2003**, 160, 128-33	11.9	105
88	Anatomic brain abnormalities in monozygotic twins discordant for attention deficit hyperactivity disorder. *American Journal of Psychiatry*, **2003**, 160, 1693-6	11.9	82
87	The anatomy of mentalization: a view from developmental neuroimaging. *Bulletin of the Menninger Clinic*, **2003**, 67, 132-42	1.3	19
86	Structural brain MRI abnormalities in healthy siblings of patients with childhood-onset schizophrenia. *American Journal of Psychiatry*, **2003**, 160, 569-71	11.9	59
85	Corpus callosum development in childhood-onset schizophrenia. *Schizophrenia Research*, **2003**, 62, 105-14	3.6	46
84	Deformation-based surface morphometry applied to gray matter deformation. *NeuroImage*, **2003**, 18, 198-213	7.9	223
83	Children with classic congenital adrenal hyperplasia have decreased amygdala volume: potential prenatal and postnatal hormonal effects. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 1760-5	5.6	100
82	The epigenesis of planum temporale asymmetry in twins. *Cerebral Cortex*, **2002**, 12, 749-55	5.1	35
81	Developmental trajectories of brain volume abnormalities in children and adolescents with attention-deficit/hyperactivity disorder. *JAMA - Journal of the American Medical Association*, **2002**, 288, 1740-8	27.4	1036
80	Brain development in healthy, hyperactive, and psychotic children. *Archives of Neurology*, **2002**, 59, 1244-8		52

79	Brain structural abnormalities in young children with autism spectrum disorder. *Neurology*, **2002**, 59, 184-92	6.5	744
78	Motion artifact in magnetic resonance imaging: implications for automated analysis. *NeuroImage*, **2002**, 16, 89-92	7.9	86
77	Adolescent Brain Maturation **2002**, 13-20		1
76	Brain imaging of attention deficit/hyperactivity disorder. *Annals of the New York Academy of Sciences*, **2001**, 931, 33-49	6.5	210
75	Effects of image orientation on the comparability of pediatric brain volumes using three-dimensional MR data. *Journal of Computer Assisted Tomography*, **2001**, 25, 452-7	2.2	17
74	Brain imaging in normal and abnormal brain development: new perspectives for child psychiatry. *Clinical Neuroscience Research*, **2001**, 1, 283-290		20
73	Mapping adolescent brain change reveals dynamic wave of accelerated gray matter loss in very early-onset schizophrenia. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 11650-5	11.5	634
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