

Jay Giedd

List of Publications by Year in descending order

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267
papers

63,594
citations

1163

111
h-index

890

242
g-index

289
all docs

289
docs citations

289
times ranked

37499
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain development during childhood and adolescence: a longitudinal MRI study. <i>Nature Neuroscience</i> , 1999, 2, 861-863.	7.1	4,670
2	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, 8174-8179.	3.3	4,590
3	Why do many psychiatric disorders emerge during adolescence?. <i>Nature Reviews Neuroscience</i> , 2008, 9, 947-957.	4.9	2,396
4	Brain development in children and adolescents: Insights from anatomical magnetic resonance imaging. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 718-729.	2.9	1,537
5	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, 19649-19654.	3.3	1,419
6	Neurodevelopmental Trajectories of the Human Cerebral Cortex. <i>Journal of Neuroscience</i> , 2008, 28, 3586-3594.	1.7	1,410
7	Consensus Statement on Management of Intersex Disorders. <i>Pediatrics</i> , 2006, 118, e488-e500.	1.0	1,378
8	Intellectual ability and cortical development in children and adolescents. <i>Nature</i> , 2006, 440, 676-679.	13.7	1,362
9	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.	3.8	1,298
10	Structural Magnetic Resonance Imaging of the Adolescent Brain. <i>Annals of the New York Academy of Sciences</i> , 2004, 1021, 77-85.	1.8	1,284
11	Structural and functional brain development and its relation to cognitive development. <i>Biological Psychology</i> , 2000, 54, 241-257.	1.1	1,222
12	Structural Maturation of Neural Pathways in Children and Adolescents: In Vivo Study. <i>Science</i> , 1999, 283, 1908-1911.	6.0	1,196
13	Sexual dimorphism of brain developmental trajectories during childhood and adolescence. <i>NeuroImage</i> , 2007, 36, 1065-1073.	2.1	1,121
14	A Developmental Functional MRI Study of Prefrontal Activation during Performance of a Go-No-Go Task. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 835-847.	1.1	988
15	Quantitative Magnetic Resonance Imaging of Human Brain Development: Ages 4 to 18. <i>Cerebral Cortex</i> , 1996, 6, 551-559.	1.6	952
16	Developmental traumatology part II: brain development—See accompanying Editorial, in this issue.. <i>Biological Psychiatry</i> , 1999, 45, 1271-1284.	0.7	873
17	Brain structural abnormalities in young children with autism spectrum disorder. <i>Neurology</i> , 2002, 59, 184-192.	1.5	866
18	Imaging structural co-variance between human brain regions. <i>Nature Reviews Neuroscience</i> , 2013, 14, 322-336.	4.9	841

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19	Growth patterns in the developing brain detected by using continuum mechanical tensor maps. <i>Nature</i> , 2000, 404, 190-193.	13.7	781
20	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, 11650-11655.	3.3	742
21	Structural MRI of Pediatric Brain Development: What Have We Learned and Where Are We Going?. <i>Neuron</i> , 2010, 67, 728-734.	3.8	739
22	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, 374-383.	0.3	719
23	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, 1511-1522.	0.5	683
24	Quantitative MRI of the temporal lobe, amygdala, and hippocampus in normal human development: Ages 4-18 years. , 1996, 366, 223-230.		676
25	Neurodevelopmental model of schizophrenia: update 2012. <i>Molecular Psychiatry</i> , 2012, 17, 1228-1238.	4.1	652
26	The Teen Brain: Insights from Neuroimaging. <i>Journal of Adolescent Health</i> , 2008, 42, 335-343.	1.2	639
27	How Does Your Cortex Grow?. <i>Journal of Neuroscience</i> , 2011, 31, 7174-7177.	1.7	613
28	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.	13.8	592
29	Statistical approach to segmentation of single-channel cerebral MR images. <i>IEEE Transactions on Medical Imaging</i> , 1997, 16, 176-186.	5.4	567
30	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	2.1	539
31	Prevalence of and Risk Factors for Depressive Symptoms Among Young Adolescents. <i>JAMA Pediatrics</i> , 2004, 158, 760.	3.6	535
32	Mapping anatomical correlations across cerebral cortex (MACACC) using cortical thickness from MRI. <i>NeuroImage</i> , 2006, 31, 993-1003.	2.1	508
33	Sexual dimorphism of the developing human brain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1997, 21, 1185-1201.	2.5	443
34	Adolescent Maturity and the Brain: The Promise and Pitfalls of Neuroscience Research in Adolescent Health Policy. <i>Journal of Adolescent Health</i> , 2009, 45, 216-221.	1.2	434
35	Sex differences in the adolescent brain. <i>Brain and Cognition</i> , 2010, 72, 46-55.	0.8	424
36	Disrupted Modularity and Local Connectivity of Brain Functional Networks in Childhood-Onset Schizophrenia. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, 147.	1.2	417

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37	The Convergence of Maturation Change and Structural Covariance in Human Cortical Networks. <i>Journal of Neuroscience</i> , 2013, 33, 2889-2899.	1.7	417
38	Altering the course of schizophrenia: progress and perspectives. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 485-515.	21.5	410
39	Childhood neglect is associated with reduced corpus callosum area. <i>Biological Psychiatry</i> , 2004, 56, 80-85.	0.7	407
40	The influence of puberty on subcortical brain development. <i>NeuroImage</i> , 2014, 88, 242-251.	2.1	404
41	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, 1012-1020.	0.3	383
42	Quantitative Brain Magnetic Resonance Imaging in Girls With Attention-Deficit/Hyperactivity Disorder. <i>Archives of General Psychiatry</i> , 2001, 58, 289.	13.8	377
43	Dynamic mapping of normal human hippocampal development. <i>Hippocampus</i> , 2006, 16, 664-672.	0.9	377
44	Cerebellum development during childhood and adolescence: A longitudinal morphometric MRI study. <i>NeuroImage</i> , 2010, 49, 63-70.	2.1	374
45	A Unified Statistical Approach to Deformation-Based Morphometry. <i>NeuroImage</i> , 2001, 14, 595-606.	2.1	372
46	Progressive Cortical Change During Adolescence in Childhood-Onset Schizophrenia. <i>Archives of General Psychiatry</i> , 1999, 56, 649.	13.8	361
47	Adolescent mental health—Opportunity and obligation. <i>Science</i> , 2014, 346, 547-549.	6.0	358
48	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. <i>NeuroImage</i> , 2004, 23, S2-S18.	2.1	356
49	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, 571-588.	2.5	338
50	Activation of Prefrontal Cortex in Children during a Nonspatial Working Memory Task with Functional MRI. <i>NeuroImage</i> , 1995, 2, 221-229.	2.1	333
51	Transitions Into Underage and Problem Drinking: Developmental Processes and Mechanisms Between 10 and 15 Years of Age. <i>Pediatrics</i> , 2008, 121, S273-S289.	1.0	323
52	Developmental changes in the structure of the social brain in late childhood and adolescence. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 123-131.	1.5	318
53	Simple models of human brain functional networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5868-5873.	3.3	303
54	The Developmental Mismatch in Structural Brain Maturation during Adolescence. <i>Developmental Neuroscience</i> , 2014, 36, 147-160.	1.0	295

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55	Patterns of Coordinated Anatomical Change in Human Cortical Development: A Longitudinal Neuroimaging Study of Maturational Coupling. <i>Neuron</i> , 2011, 72, 873-884.	3.8	286
56	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, 163-174.	1.9	284
57	The Anatomical Distance of Functional Connections Predicts Brain Network Topology in Health and Schizophrenia. <i>Cerebral Cortex</i> , 2013, 23, 127-138.	1.6	283
58	MRI Assessment of Children With Obsessive-Compulsive Disorder or Tics Associated With Streptococcal Infection. <i>American Journal of Psychiatry</i> , 2000, 157, 281-283.	4.0	281
59	Cortical morphology in children and adolescents with different apolipoprotein E gene polymorphisms: an observational study. <i>Lancet Neurology</i> , The, 2007, 6, 494-500.	4.9	278
60	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, 1592-1597.	3.3	278
61	A quantitative MRI study of the corpus callosum in children and adolescents. <i>Developmental Brain Research</i> , 1996, 91, 274-280.	2.1	275
62	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, 43-49.	2.8	259
63	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, 143-151.	4.0	258
64	Cerebellar Development and Clinical Outcome in Attention Deficit Hyperactivity Disorder. <i>American Journal of Psychiatry</i> , 2007, 164, 647-655.	4.0	257
65	Brain Imaging of Attention Deficit/Hyperactivity Disorder. <i>Annals of the New York Academy of Sciences</i> , 2001, 931, 33-49.	1.8	256
66	Puberty-related influences on brain development. <i>Molecular and Cellular Endocrinology</i> , 2006, 254-255, 154-162.	1.6	252
67	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.	0.3	249
68	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, 16988-16993.	3.3	247
69	Review: magnetic resonance imaging of male/female differences in human adolescent brain anatomy. <i>Biology of Sex Differences</i> , 2012, 3, 19.	1.8	246
70	Deformation-based surface morphometry applied to gray matter deformation. <i>NeuroImage</i> , 2003, 18, 198-213.	2.1	245
71	Magnetic Resonance Imaging of Brain Anomalies in Fetal Alcohol Syndrome. <i>Pediatrics</i> , 1997, 99, 232-240.	1.0	239
72	Age-related temporal and parietal cortical thinning in autism spectrum disorders. <i>Brain</i> , 2010, 133, 3745-3754.	3.7	229

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73	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.	13.8	219
74	How can drug discovery for psychiatric disorders be improved?. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 189-201.	21.5	217
75	Controlled Stimulant Treatment of ADHD and Comorbid Tourette's Syndrome: Effects of Stimulant and Dose. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 1997, 36, 589-596.	0.3	215
76	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.	13.8	205
77	Childhood-onset schizophrenia: progressive brain changes during adolescence. <i>Biological Psychiatry</i> , 1999, 46, 892-898.	0.7	202
78	Summary of Consensus Statement on Intersex Disorders and Their Management. <i>Pediatrics</i> , 2006, 118, 753-757.	1.0	200
79	The discovery of population differences in network community structure: New methods and applications to brain functional networks in schizophrenia. <i>NeuroImage</i> , 2012, 59, 3889-3900.	2.1	195
80	Normative brain size variation and brain shape diversity in humans. <i>Science</i> , 2018, 360, 1222-1227.	6.0	194
81	Progressive Brain Volume Loss During Adolescence in Childhood-Onset Schizophrenia. <i>American Journal of Psychiatry</i> , 2003, 160, 2181-2189.	4.0	183
82	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, 431-434.	4.1	180
83	Childhood-Onset Schizophrenia: An NIMH Study in Progress. <i>Schizophrenia Bulletin</i> , 1994, 20, 697-712.	2.3	179
84	Progressive Reduction of Temporal Lobe Structures in Childhood-Onset Schizophrenia. <i>American Journal of Psychiatry</i> , 1998, 155, 678-685.	4.0	177
85	Changes in the adolescent brain and the pathophysiology of psychotic disorders. <i>Lancet Psychiatry</i> , 2014, 1, 549-558.	3.7	177
86	Brain Development, IX. <i>American Journal of Psychiatry</i> , 1999, 156, 4-4.	4.0	175
87	Through Thick and Thin: a Need to Reconcile Contradictory Results on Trajectories in Human Cortical Development. <i>Cerebral Cortex</i> , 2017, 27, bhv301.	1.6	171
88	Identification of Genetically Mediated Cortical Networks: A Multivariate Study of Pediatric Twins and Siblings. <i>Cerebral Cortex</i> , 2008, 18, 1737-1747.	1.6	170
89	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, 11366-11371.	3.3	167
90	Set-shifting in children with autism spectrum disorders. <i>Autism</i> , 2009, 13, 523-538.	2.4	159

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91	Subtle in-scanner motion biases automated measurement of brain anatomy from in vivo MRI. <i>Human Brain Mapping</i> , 2016, 37, 2385-2397.	1.9	154
92	Dynamically Spreading Frontal and Cingulate Deficits Mapped in Adolescents With Schizophrenia. <i>Archives of General Psychiatry</i> , 2006, 63, 25.	13.8	153
93	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, 913-915.	0.3	151
94	Childhood-onset schizophrenia: brain MRI rescan after 2 years of clozapine maintenance treatment. <i>American Journal of Psychiatry</i> , 1996, 153, 564-566.	4.0	142
95	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, 852-862.	3.1	142
96	Childhood onset schizophrenia: cortical brain abnormalities as young adults. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006, 47, 1003-1012.	3.1	141
97	A pediatric twin study of brain morphometry. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006, 47, 987-993.	3.1	140
98	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.	3.3	139
99	Differential Tangential Expansion as a Mechanism for Cortical Gyrfication. <i>Cerebral Cortex</i> , 2014, 24, 2219-2228.	1.6	136
100	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.	13.8	134
101	Quantitative Morphology of the Cerebellum and Fourth Ventricle in Childhood-Onset Schizophrenia. <i>American Journal of Psychiatry</i> , 1997, 154, 1663-1669.	4.0	132
102	Basal ganglia morphometry and repetitive behavior in young children with autism spectrum disorder. <i>Autism Research</i> , 2011, 4, 212-220.	2.1	131
103	The Digital Revolution and Adolescent Brain Evolution. <i>Journal of Adolescent Health</i> , 2012, 51, 101-105.	1.2	131
104	XXY (Klinefelter Syndrome): A Pediatric Quantitative Brain Magnetic Resonance Imaging Case-Control Study. <i>Pediatrics</i> , 2007, 119, e232-e240.	1.0	130
105	Increased gyrfication, but comparable surface area in adolescents with autism spectrum disorders. <i>Brain</i> , 2013, 136, 1956-1967.	3.7	129
106	Premorbid Speech and Language Impairments in Childhood-Onset Schizophrenia: Association With Risk Factors. <i>American Journal of Psychiatry</i> , 2000, 157, 794-800.	4.0	128
107	Quantitative Morphology of the Caudate and Putamen in Patients With Cocaine Dependence. <i>American Journal of Psychiatry</i> , 2001, 158, 486-489.	4.0	125
108	A Magnetic Resonance Imaging Study of Planum Temporale Asymmetry in Men With Developmental Dyslexia. <i>Archives of Neurology</i> , 1997, 54, 1481-1489.	4.9	123

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109	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, 1760-1765.	1.8	123
110	Variability of human brain structure size: ages 4–20 years. <i>Psychiatry Research - Neuroimaging</i> , 1997, 74, 1-12.	0.9	121
111	Progressive Loss of Cerebellar Volume in Childhood-Onset Schizophrenia. <i>American Journal of Psychiatry</i> , 2003, 160, 128-133.	4.0	121
112	Cerebellar vermal volumes and behavioral correlates in children with autism spectrum disorder. <i>Psychiatry Research - Neuroimaging</i> , 2009, 172, 61-67.	0.9	121
113	Topical Review: PANDAS: The Search for Environmental Triggers of Pediatric Neuropsychiatric Disorders. Lessons from Rheumatic Fever. <i>Journal of Child Neurology</i> , 1998, 13, 413-423.	0.7	117
114	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, 2531-2536.	1.8	113
115	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, 15979-15984.	3.3	113
116	DUF1220-Domain Copy Number Implicated in Human Brain-Size Pathology and Evolution. <i>American Journal of Human Genetics</i> , 2012, 91, 444-454.	2.6	113
117	Motion Artifact in Magnetic Resonance Imaging: Implications for Automated Analysis. <i>NeuroImage</i> , 2002, 16, 89-92.	2.1	110
118	Compared to What? Early Brain Overgrowth in Autism and the Perils of Population Norms. <i>Biological Psychiatry</i> , 2013, 74, 563-575.	0.7	107
119	Corpus Callosum Morphometrics in Young Children with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2006, 36, 733-739.	1.7	106
120	Abnormal Cortical Growth in Schizophrenia Targets Normative Modules of Synchronized Development. <i>Biological Psychiatry</i> , 2014, 76, 438-446.	0.7	106
121	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, 1161-1175.	1.4	105
122	Anatomic Brain Abnormalities in Monozygotic Twins Discordant for Attention Deficit Hyperactivity Disorder. <i>American Journal of Psychiatry</i> , 2003, 160, 1693-1696.	4.0	102
123	Anatomic Magnetic Resonance Imaging of the Developing Child and Adolescent Brain and Effects of Genetic Variation. <i>Neuropsychology Review</i> , 2010, 20, 349-361.	2.5	96
124	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.	1.6	95
125	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, 6774-6779.	3.3	93
126	Regional MRI measurements of the corpus callosum: a methodological and developmental study. <i>Brain and Development</i> , 1996, 18, 379-388.	0.6	90

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127	Structural MRI and Brain Development. <i>International Review of Neurobiology</i> , 2005, 67, 285-323.	0.9	86
128	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.	1.9	86
129	Childhood-Onset Psychotic Disorders: Magnetic Resonance Imaging of Volumetric Differences in Brain Structure. <i>American Journal of Psychiatry</i> , 2000, 157, 1467-1474.	4.0	85
130	Frequency and Severity of Enlarged Cavum Septi Pellucidi in Childhood-Onset Schizophrenia. <i>American Journal of Psychiatry</i> , 1998, 155, 1074-1079.	4.0	80
131	Reduced Brain Size and Gyrfication in the Brains of Dyslexic Patients. <i>Journal of Child Neurology</i> , 2004, 19, 275-281.	0.7	79
132	Automated morphometric study of brain variation in XXY males. <i>NeuroImage</i> , 2004, 23, 648-653.	2.1	79
133	Review of Twin and Family Studies on Neuroanatomic Phenotypes and Typical Neurodevelopment. <i>Twin Research and Human Genetics</i> , 2007, 10, 683-694.	0.3	76
134	Reduced Gyral Window and Corpus Callosum Size in Autism: Possible Macroscopic Correlates of a Minicolumnopathy. <i>Journal of Autism and Developmental Disorders</i> , 2009, 39, 751-764.	1.7	76
135	Children and adolescents with psychotic disorder not otherwise specified: A 2- to 8-year follow-up study. <i>Comprehensive Psychiatry</i> , 2001, 42, 319-325.	1.5	75
136	Smooth pursuit eye movements in childhood-onset schizophrenia: Comparison with attention-deficit hyperactivity disorder and normal controls. <i>Biological Psychiatry</i> , 1996, 40, 1144-1154.	0.7	74
137	Annual Research Review: Developmental considerations of gene by environment interactions. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2011, 52, 429-441.	3.1	72
138	Globally Divergent but Locally Convergent X- and Y-Chromosome Influences on Cortical Development. <i>Cerebral Cortex</i> , 2016, 26, 70-79.	1.6	71
139	Structural Brain MRI Abnormalities in Healthy Siblings of Patients With Childhood-Onset Schizophrenia. <i>American Journal of Psychiatry</i> , 2003, 160, 569-571.	4.0	69
140	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, 464-469.	0.3	68
141	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, 637-644.	3.1	66
142	Structural brain magnetic resonance imaging of pediatric twins. <i>Human Brain Mapping</i> , 2007, 28, 474-481.	1.9	65
143	Striatal shape abnormalities as novel neurodevelopmental endophenotypes in schizophrenia: A longitudinal study. <i>Human Brain Mapping</i> , 2015, 36, 1458-1469.	1.9	65
144	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.	1.7	65

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145	Quantitative magnetic resonance imaging of the corpus callosum in childhood onset schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 1997, 68, 77-86.	0.9	64
146	An Allometric Analysis of Sex and Sex Chromosome Dosage Effects on Subcortical Anatomy in Humans. <i>Journal of Neuroscience</i> , 2016, 36, 2438-2448.	1.7	64
147	A multivariate analysis of neuroanatomic relationships in a genetically informative pediatric sample. <i>NeuroImage</i> , 2007, 35, 70-82.	2.1	63
148	The Amazing Teen Brain. <i>Scientific American</i> , 2015, 312, 32-37.	1.0	63
149	Longitudinal stability of the folding pattern of the anterior cingulate cortex during development. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 122-127.	1.9	62
150	Distinct Cortical Correlates of Autistic versus Antisocial Traits in a Longitudinal Sample of Typically Developing Youth. <i>Journal of Neuroscience</i> , 2012, 32, 4856-4860.	1.7	61
151	A Case of Pediatric Autoimmune Neuropsychiatric Disorders Associated With Streptococcal Infections. <i>American Journal of Psychiatry</i> , 1998, 155, 1592-1598.	4.0	59
152	Clinical and Neurobiological Correlates of Cytogenetic Abnormalities in Childhood-Onset Schizophrenia. <i>American Journal of Psychiatry</i> , 1999, 156, 1575-1579.	4.0	59
153	Dynamic mapping of hippocampal development in childhood onset schizophrenia. <i>Schizophrenia Research</i> , 2007, 90, 62-70.	1.1	59
154	Cortical anatomy in human X monosomy. <i>NeuroImage</i> , 2010, 49, 2915-2923.	2.1	59
155	Variance decomposition of MRI-based covariance maps using genetically informative samples and structural equation modeling. <i>NeuroImage</i> , 2009, 47, 56-64.	2.1	58
156	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, 1072-1081.	3.1	58
157	Brain Development in Healthy, Hyperactive, and Psychotic Children. <i>Archives of Neurology</i> , 2002, 59, 1244.	4.9	57
158	Dissociations in Cortical Morphometry in Youth with Down Syndrome: Evidence for Reduced Surface Area but Increased Thickness. <i>Cerebral Cortex</i> , 2016, 26, 2982-2990.	1.6	56
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