Tonya White

List of Publications by Year in descending order

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271 papers

17,720 citations

14655 66 h-index 20358 116 g-index

284 all docs

284 docs citations

times ranked

284

22409 citing authors

#	Article	IF	Citations
1	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. Nature Genetics, 2018, 50, 912-919.	21.4	893
2	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
3	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	2.1	696
4	Genome-wide analysis of insomnia in 1,331,010 individuals identifies new risk loci and functional pathways. Nature Genetics, 2019, 51, 394-403.	21.4	593
5	Meta-analysis of genome-wide association studies for neuroticism in 449,484 individuals identifies novel genetic loci and pathways. Nature Genetics, 2018, 50, 920-927.	21.4	564
6	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. Molecular Psychiatry, 2018, 23, 1261-1269.	7.9	522
7	Best practices in data analysis and sharing in neuroimaging using MRI. Nature Neuroscience, 2017, 20, 299-303.	14.8	482
8	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
9	Enhancing studies of the connectome in autism using the autism brain imaging data exchange II. Scientific Data, 2017, 4, 170010.	5.3	422
10	Association of maternal thyroid function during early pregnancy with offspring IQ and brain morphology in childhood: a population-based prospective cohort study. Lancet Diabetes and Endocrinology,the, 2016, 4, 35-43.	11.4	381
11	The development of gyrification in childhood and adolescence. Brain and Cognition, 2010, 72, 36-45.	1.8	320
12	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5154-E5163.	7.1	299
13	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. American Journal of Psychiatry, 2019, 176, 531-542.	7.2	261
14	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
15	Neurobehavioral evidence for changes in dopamine system activity during adolescence. Neuroscience and Biobehavioral Reviews, 2010, 34, 631-648.	6.1	240
16	Developmental changes in dopamine neurotransmission in adolescence: Behavioral implications and issues in assessment. Brain and Cognition, 2010, 72, 146-159.	1.8	237
17	Dysregulation of working memory and defaultâ€mode networks in schizophrenia using independent component analysis, an fBIRN and MCIC study. Human Brain Mapping, 2009, 30, 3795-3811.	3.6	216
18	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213

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19	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. Nature Neuroscience, 2016, 19, 420-431.	14.8	204
20	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
21	Gyrification abnormalities in childhood- and adolescent-onset schizophrenia. Biological Psychiatry, 2003, 54, 418-426.	1.3	185
22	Functional connectivity predicts gender: Evidence for gender differences in resting brain connectivity. Human Brain Mapping, 2018, 39, 1765-1776.	3.6	181
23	The MCIC Collection: A Shared Repository of Multi-Modal, Multi-Site Brain Image Data from a Clinical Investigation of Schizophrenia. Neuroinformatics, 2013, 11, 367-388.	2.8	168
24	Diffusion Tensor Imaging in Psychiatric Disorders. Topics in Magnetic Resonance Imaging, 2008, 19, 97-109.	1.2	161
25	Air Pollution Exposure During Fetal Life, Brain Morphology, and Cognitive Function in School-Age Children. Biological Psychiatry, 2018, 84, 295-303.	1.3	159
26	Three-way (N-way) fusion of brain imaging data based on mCCA+jlCA and its application to discriminating schizophrenia. NeuroImage, 2013, 66, 119-132.	4.2	154
27	Maternal Use of Selective Serotonin Reuptake Inhibitors, Fetal Growth, and Risk of Adverse Birth Outcomes. Archives of General Psychiatry, 2012, 69, 706-14.	12.3	146
28	What Twin Studies Tell Us About the Heritability of Brain Development, Morphology, and Function: A Review. Neuropsychology Review, 2015, 25, 27-46.	4.9	143
29	Sex and Age Effects of Functional Connectivity in Early Adulthood. Brain Connectivity, 2016, 6, 700-713.	1.7	141
30	Anatomic and Functional Variability: The Effects of Filter Size in Group fMRI Data Analysis. NeuroImage, 2001, 13, 577-588.	4.2	136
31	White Matter Abnormalities in Veterans With Mild Traumatic Brain Injury. American Journal of Psychiatry, 2012, 169, 1284-1291.	7.2	136
32	Effects of olanzapine on cerebellar functional connectivity in schizophrenia measured by fMRI during a simple motor task. Psychological Medicine, 2001, 31, 1065-1078.	4.5	130
33	Paediatric population neuroimaging and the Generation R Study: the second wave. European Journal of Epidemiology, 2018, 33, 99-125.	5.7	129
34	Investigation of relationships between fMRI brain networks in the spectral domain using ICA and Granger causality reveals distinct differences between schizophrenia patients and healthy controls. Neurolmage, 2009, 46, 419-431.	4.2	122
35	Normal Variation in Early Parental Sensitivity Predicts Child Structural Brain Development. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 824-831.e1.	0.5	121
36	Voxel-based Morphometric Multisite Collaborative Study on Schizophrenia. Schizophrenia Bulletin, 2009, 35, 82-95.	4.3	117

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37	Differential fractional anisotropy abnormalities in adolescents with ADHD or schizophrenia. Psychiatry Research - Neuroimaging, 2010, 181, 193-198.	1.8	115
38	Methylation Patterns in Whole Blood Correlate With Symptoms in Schizophrenia Patients. Schizophrenia Bulletin, 2014, 40, 769-776.	4.3	115
39	Downstream Effects of Maternal Hypothyroxinemia in Early Pregnancy: Nonverbal IQ and Brain Morphology in School-Age Children. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 2383-2390.	3.6	114
40	Global White Matter Abnormalities in Schizophrenia: A Multisite Diffusion Tensor Imaging Study. Schizophrenia Bulletin, 2011, 37, 222-232.	4.3	113
41	The Generation R Study: A Review of Design, Findings to Date, and a Study of the 5-HTTLPR by Environmental Interaction From Fetal Life Onward. Journal of the American Academy of Child and Adolescent Psychiatry, 2012, 51, 1119-1135.e7.	0.5	111
42	Gyrification and neural connectivity in schizophrenia. Development and Psychopathology, 2011, 23, 339-352.	2.3	107
43	Pediatric population-based neuroimaging and the Generation R Study: the intersection of developmental neuroscience and epidemiology. European Journal of Epidemiology, 2013, 28, 99-111.	5.7	106
44	Prenatal exposure to selective serotonin reuptake inhibitors and social responsiveness symptoms of autism: population-based study of young children. British Journal of Psychiatry, 2014, 205, 95-102.	2.8	104
45	Tracking Brain Development and Dimensional Psychiatric Symptoms in Children: A Longitudinal Population-Based Neuroimaging Study. American Journal of Psychiatry, 2018, 175, 54-62.	7.2	104
46	Brain Volumes and Surface Morphology in Monozygotic Twins. Cerebral Cortex, 2002, 12, 486-493.	2.9	101
47	Noninvasive quantification of ascorbate and glutathione concentration in the elderly human brain. NMR in Biomedicine, 2011, 24, 888-894.	2.8	96
48	Prenatal Tobacco Exposure and Brain Morphology: A Prospective Study in Young Children. Neuropsychopharmacology, 2014, 39, 792-800.	5.4	96
49	Neuropsychological Performance in First-Episode Adolescents with Schizophrenia: A Comparison with First-Episode Adults and Adolescent Control Subjects. Biological Psychiatry, 2006, 60, 463-471.	1.3	95
50	Disruption of hippocampal connectivity in children and adolescents with schizophrenia — A voxel-based diffusion tensor imaging studyâ⁻†. Schizophrenia Research, 2007, 90, 302-307.	2.0	95
51	Prenatal Cannabis and Tobacco Exposure in Relation to Brain Morphology: A Prospective Neuroimaging Study in Young Children. Biological Psychiatry, 2016, 79, 971-979.	1.3	94
52	Connectivity dynamics in typical development and its relationship to autistic traits and autism spectrum disorder. Human Brain Mapping, 2018, 39, 3127-3142.	3.6	94
53	Maternal thyroid function during pregnancy and child brain morphology: a time window-specific analysis of a prospective cohort. Lancet Diabetes and Endocrinology, the, 2019, 7, 629-637.	11.4	94
54	Functional connectivity between parietal and frontal brain regions and intelligence in young children: The Generation R study. Human Brain Mapping, 2013, 34, 3299-3307.	3.6	92

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55	Maternal use of antidepressant or anxiolytic medication during pregnancy and childhood neurodevelopmental outcomes: a systematic review. European Child and Adolescent Psychiatry, 2014, 23, 973-992.	4.7	87
56	MTHFR 677C â†' T genotype disrupts prefrontal function in schizophrenia through an interaction with COMT 158Val â†' Met. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17573-17578.	7.1	86
57	A CCA+ICA based model for multi-task brain imaging data fusion and its application to schizophrenia. NeuroImage, 2010, 51, 123-134.	4.2	86
58	Gestational vitamin D deficiency and autism spectrum disorder. BJPsych Open, 2017, 3, 85-90.	0.7	86
59	Incidental Findings on Brain Imaging in the General Pediatric Population. New England Journal of Medicine, 2017, 377, 1593-1595.	27.0	83
60	The bidirectional association between sleep problems and autism spectrum disorder: a population-based cohort study. Molecular Autism, 2018, 9, 8.	4.9	83
61	Adaptation and adjustment in children of transsexual parents. European Child and Adolescent Psychiatry, 2007, 16, 215-221.	4.7	81
62	Insensitive parenting may accelerate the development of the amygdala–medial prefrontal cortex circuit. Development and Psychopathology, 2017, 29, 505-518.	2.3	79
63	Prenatal folate, homocysteine and vitamin B ₁₂ levels and child brain volumes, cognitive development and psychological functioning: the Generation R Study. British Journal of Nutrition, 2019, 122, S1-S9.	2.3	75
64	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	14.8	75
65	White matter integrity and cognitive performance in school-age children: A population-based neuroimaging study. Neurolmage, 2015, 119, 119-128.	4.2	74
66	The COMT Val108/158Met polymorphism and medial temporal lobe volumetry in patients with schizophrenia and healthy adults. NeuroImage, 2010, 53, 992-1000.	4.2	70
67	Data sharing and privacy issues in neuroimaging research: Opportunities, obstacles, challenges, and monsters under the bed. Human Brain Mapping, 2022, 43, 278-291.	3.6	70
68	Limbic Structures and Networks in Children and Adolescents With Schizophrenia. Schizophrenia Bulletin, 2007, 34, 18-29.	4.3	69
69	Cortical Morphology in 6- to 10-Year Old Children With Autistic Traits: A Population-Based Neuroimaging Study. American Journal of Psychiatry, 2015, 172, 479-486.	7.2	69
70	White matter â€~potholes' in early-onset schizophrenia: A new approach to evaluate white matter microstructure using diffusion tensor imaging. Psychiatry Research - Neuroimaging, 2009, 174, 110-115.	1.8	68
71	Maternal urinary iodine concentration in pregnancy and children's cognition: results from a population-based birth cohort in an iodine-sufficient area. BMJ Open, 2014, 4, e005520-e005520.	1.9	68
72	Polygenic scores for schizophrenia and educational attainment are associated with behavioural problems in early childhood in the general population. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2018, 59, 39-47.	5.2	68

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73	<i>MB-COMT</i> promoter DNA methylation is associated with working-memory processing in schizophrenia patients and healthy controls. Epigenetics, 2014, 9, 1101-1107.	2.7	65
74	Variations in the Catechol O-methyltransferase Polymorphism and Prefrontally Guided Behaviors in Adolescents. Biological Psychiatry, 2007, 61, 626-632.	1.3	61
75	Restingâ€state networks in 6â€toâ€10 year old children. Human Brain Mapping, 2016, 37, 4286-4300.	3.6	59
76	Beyond Bonferroni revisited: concerns over inflated false positive research findings in the fields of conservation genetics, biology, and medicine. Conservation Genetics, 2019, 20, 927-937.	1.5	59
77	Adherence and psychopathology in children and adolescents with cystic fibrosis. European Child and Adolescent Psychiatry, 2009, 18, 96-104.	4.7	54
78	Prefrontal Inefficiency Is Associated With Polygenic Risk for Schizophrenia. Schizophrenia Bulletin, 2014, 40, 1263-1271.	4.3	53
79	Exposure to Maternal Depressive Symptoms in Fetal Life or Childhood and Offspring Brain Development: A Population-Based Imaging Study. American Journal of Psychiatry, 2019, 176, 702-710.	7.2	53
80	Charting brain growth in tandem with brain templates at school age. Science Bulletin, 2020, 65, 1924-1934.	9.0	52
81	Automated quality assessment of structural magnetic resonance images in children: Comparison with visual inspection and surfaceâ€based reconstruction. Human Brain Mapping, 2018, 39, 1218-1231.	3.6	51
82	Candidate CSPG4 mutations and induced pluripotent stem cell modeling implicate oligodendrocyte progenitor cell dysfunction in familial schizophrenia. Molecular Psychiatry, 2019, 24, 757-771.	7.9	51
83	Oculomotor and manual indexes of incidental and intentional spatial sequence learning during middle childhood and adolescence. Journal of Experimental Child Psychology, 2007, 96, 107-130.	1.4	50
84	Nutritional Status Affects Cortical Folding: Lessons Learned From Anorexia Nervosa. Biological Psychiatry, 2018, 84, 692-701.	1.3	49
85	Identification of Imaging Biomarkers in Schizophrenia: A Coefficient-constrained Independent Component Analysis of the Mind Multi-site Schizophrenia Study. Neuroinformatics, 2010, 8, 213-229.	2.8	47
86	Brain morphology of childhood aggressive behavior: A multi-informant study in school-age children. Cognitive, Affective and Behavioral Neuroscience, 2015, 15, 564-577.	2.0	46
87	PRENATAL EXPOSURE TO MATERNAL AND PATERNAL DEPRESSIVE SYMPTOMS AND BRAIN MORPHOLOGY: A POPULATION-BASED PROSPECTIVE NEUROIMAGING STUDY IN YOUNG CHILDREN. Depression and Anxiety, 2016, 33, 658-666.	4.1	46
88	Frequent Bullying Involvement and Brain Morphology in Children. Frontiers in Psychiatry, 2019, 10, 696.	2.6	46
89	The Schizophrenia Prodrome. American Journal of Psychiatry, 2006, 163, 376-380.	7.2	44
90	Oculomotor and Pupillometric Indices of Pro- and Antisaccade Performance in Youth-Onset Psychosis and Attention Deficit/Hyperactivity Disorder. Schizophrenia Bulletin, 2010, 36, 1167-1186.	4.3	44

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91	Does function follow form?: Methods to fuse structural and functional brain images show decreased linkage in schizophrenia. Neurolmage, 2010, 49, 2626-2637.	4.2	44
92	The Developmental Course of Sleep Disturbances Across Childhood Relates to Brain Morphology at Age 7: The Generation R Study. Sleep, 2017, 40, .	1.1	43
93	A Comparative Pilot Study of Second-Generation Antipsychotics in Children and Adolescents with Schizophrenia-Spectrum Disorders. Journal of Child and Adolescent Psychopharmacology, 2008, 18, 317-326.	1.3	41
94	Disconnection due to white matter hyperintensities is associated with lower cognitive scores. NeuroImage, 2018, 183, 745-756.	4.2	41
95	Brain Connectivity and Gyrification as Endophenotypes for Schizophrenia: Weight of the Evidence. Current Topics in Medicinal Chemistry, 2012, 12, 2393-2403.	2.1	40
96	Common Polygenic Variations for Psychiatric Disorders and Cognition in Relation to Brain Morphology in the General Pediatric Population. Journal of the American Academy of Child and Adolescent Psychiatry, 2019, 58, 600-607.	0.5	40
97	Striatal function in relation to negative symptoms in schizophrenia. Psychological Medicine, 2012, 42, 267-282.	4.5	39
98	Geometric computation of human gyrification indexes from magnetic resonance images. Human Brain Mapping, 2013, 34, 1230-1244.	3.6	39
99	Air pollution exposure during pregnancy and childhood and brain morphology in preadolescents. Environmental Research, 2021, 198, 110446.	7.5	39
100	Cognitive functioning in children with internalising, externalising and dysregulation problems: a population-based study. European Child and Adolescent Psychiatry, 2017, 26, 445-456.	4.7	38
101	White matter alterations in anorexia nervosa: Evidence from a voxel-based meta-analysis. Neuroscience and Biobehavioral Reviews, 2019, 100, 285-295.	6.1	38
102	Disrupted Functional Brain Connectivity during Verbal Working Memory in Children and Adolescents with Schizophrenia. Cerebral Cortex, 2011, 21, 510-518.	2.9	36
103	Spatial Characteristics of White Matter Abnormalities in Schizophrenia. Schizophrenia Bulletin, 2013, 39, 1077-1086.	4.3	36
104	Divergent structural brain abnormalities between different genetic subtypes of children with Prader–Willi syndrome. Journal of Neurodevelopmental Disorders, 2013, 5, 31.	3.1	35
105	Smoking status as a potential confounder in the study of brain structure in schizophrenia. Journal of Psychiatric Research, 2014, 50, 84-91.	3.1	35
106	The association of gender, age, and intelligence with neuropsychological functioning in young typically developing children: The Generation R study. Applied Neuropsychology: Child, 2017, 6, 22-40.	1.4	34
107	Infant muscle tone and childhood autistic traits: A longitudinal study in the general population. Autism Research, 2017, 10, 757-768.	3.8	34
108	Prenatal exposure to maternal and paternal depressive symptoms and white matter microstructure in children. Depression and Anxiety, 2018, 35, 321-329.	4.1	34

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109	A multicohort, longitudinal study of cerebellar development in attention deficit hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2018, 59, 1114-1123.	5.2	34
110	Structural and Diffusion Tensor Imaging of the Fornix in Childhood- and Adolescent-Onset Schizophrenia. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 826-832.	0.5	33
111	Cortical thickness and inattention/hyperactivity symptoms in young children: a population-based study. Psychological Medicine, 2014, 44, 3203-3213.	4.5	33
112	Prematurity, Opioid Exposure and Neonatal Pain: Do They Affect the Developing Brain?. Neonatology, 2015, 108, 8-15.	2.0	33
113	White matter lesions relate to tract-specific reductions in functional connectivity. Neurobiology of Aging, 2017, 51, 97-103.	3.1	33
114	Memory deficits following neonatal critical illness: a common neurodevelopmental pathway. The Lancet Child and Adolescent Health, 2018, 2, 281-289.	5.6	32
115	Exposure to Air Pollution during Pregnancy and Childhood, and White Matter Microstructure in Preadolescents. Environmental Health Perspectives, 2020, 128, 27005.	6.0	32
116	Reduced Cortical Complexity in Children with Prader-Willi Syndrome and Its Association with Cognitive Impairment and Developmental Delay. PLoS ONE, 2014, 9, e107320.	2.5	32
117	Incidental and intentional sequence learning in youth-onset psychosis and attention-deficit/hyperactivity disorder (ADHD) Neuropsychology, 2009, 23, 445-459.	1.3	31
118	Brain connectivity during verbal working memory in children and adolescents. Human Brain Mapping, 2014, 35, 698-711.	3.6	31
119	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. Nature Communications, 2018, 9, 3945.	12.8	31
120	Executive functioning and neurodevelopmental disorders in early childhood: a prospective population-based study. Child and Adolescent Psychiatry and Mental Health, 2019, 13, 38.	2.5	31
121	White Matter Microstructure and the General Psychopathology Factor in Children. Journal of the American Academy of Child and Adolescent Psychiatry, 2020, 59, 1285-1296.	0.5	31
122	Regulation of cognitive resources during an n-back task in youth-onset psychosis and attention-deficit/hyperactivity disorder (ADHD). International Journal of Psychophysiology, 2009, 73, 294-307.	1.0	30
123	Shared and Nonshared Symptoms in Youth-Onset Psychosis and ADHD. Journal of Attention Disorders, 2010, 14, 121-131.	2.6	30
124	Time of Acquisition and Network Stability in Pediatric Resting-State Functional Magnetic Resonance Imaging. Brain Connectivity, 2014, 4, 417-427.	1.7	30
125	Associations of White Matter Integrity and Cortical Thickness in Patients With Schizophrenia and Healthy Controls. Schizophrenia Bulletin, 2014, 40, 665-674.	4.3	30
126	Prenatal exposure to selective serotonin reuptake inhibitors and non-verbal cognitive functioning in childhood. Journal of Psychopharmacology, 2017, 31, 346-355.	4.0	30

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127	Parental and social factors in relation to child psychopathology, behavior, and cognitive function. Translational Psychiatry, 2020, 10, 80.	4.8	29
128	Neonatal critical illness and development: white matter and hippocampus alterations in schoolâ€age neonatal extracorporeal membrane oxygenation survivors. Developmental Medicine and Child Neurology, 2017, 59, 304-310.	2.1	28
129	Associations of physical activity and screen time with white matter microstructure in children from the general population. Neurolmage, 2020, 205, 116258.	4.2	28
130	Clinical and neurocognitive course in earlyâ€onset psychosis: a longitudinal study of adolescents with schizophreniaâ€spectrum disorders*. Microbial Biotechnology, 2008, 2, 169-177.	1.7	27
131	Cigarette smoking and white matter microstructure in schizophrenia. Psychiatry Research - Neuroimaging, 2012, 201, 152-158.	1.8	27
132	Preserved white matter microstructure in young patients with anorexia nervosa?. Human Brain Mapping, 2016, 37, 4069-4083.	3.6	27
133	Myelination-related genes are associated with decreased white matter integrity in schizophrenia. European Journal of Human Genetics, 2016, 24, 381-386.	2.8	27
134	Infant brain structures, executive function, and attention deficit/hyperactivity problems at preschool age. A prospective study. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2013, 54, 96-104.	5.2	26
135	Pain Insensitivity Syndrome Misinterpreted as Inflicted Burns. Pediatrics, 2014, 133, e1381-e1387.	2.1	26
136	Embracing diversity and inclusivity in an academic setting: Insights from the Organization for Human Brain Mapping. Neurolmage, 2021, 229, 117742.	4.2	25
137	Nonverbal intelligence in young children with dysregulation: the Generation R Study. European Child and Adolescent Psychiatry, 2014, 23, 1061-1070.	4.7	24
138	White matter microstructure in children with autistic traits. Psychiatry Research - Neuroimaging, 2017, 263, 127-134.	1.8	23
139	Maternal depressive symptoms during pregnancy are associated with amygdala hyperresponsivity in children. European Child and Adolescent Psychiatry, 2018, 27, 57-64.	4.7	23
140	Brain Development and Stochastic Processes During Prenatal and Early Life: You Can't Lose It if You've Never Had It; But It's Better to Have It and Lose It, ThanÂNever to Have Had It at All. Journal of the American Academy of Child and Adolescent Psychiatry, 2019, 58, 1042-1050.	0.5	23
141	Divided attention in youth-onset psychosis and attention deficit/hyperactivity disorder Journal of Abnormal Psychology, 2008, 117, 881-895.	1.9	22
142	A Data-Driven Investigation of Gray Matter–Function Correlations in Schizophrenia during a Working Memory Task. Frontiers in Human Neuroscience, 2011, 5, 71.	2.0	22
143	White matter microstructure correlates of age, sex, handedness and motor ability in a population-based sample of 3031 school-age children. Neurolmage, 2021, 227, 117643.	4.2	22
144	Increased anterior cingulate and temporal lobe activity during visuospatial working memory in children and adolescents with schizophrenia. Schizophrenia Research, 2011, 125, 118-128.	2.0	21

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145	A Genome-Wide Association Study Suggests Novel Loci Associated with a Schizophrenia-Related Brain-Based Phenotype. PLoS ONE, 2013, 8, e64872.	2.5	21
146	Prenatal exposure to anxiolytic and hypnotic medication in relation to behavioral problems in childhood: A population-based cohort study. Neurotoxicology and Teratology, 2017, 61, 58-65.	2.4	21
147	Neurobiologic Correlates of Attention and Memory Deficits Following Critical Illness in Early Life*. Critical Care Medicine, 2017, 45, 1742-1750.	0.9	21
148	A prospective study of fetal head growth, autistic traits and autism spectrum disorder. Autism Research, 2018, 11, 602-612.	3.8	21
149	Association of Genetic Risk for Schizophrenia and Bipolar Disorder With Infant Neuromotor Development. JAMA Psychiatry, 2018, 75, 96.	11.0	21
150	Brain Morphology Associated With Obsessive-Compulsive Symptoms in 2,551 Children From the General Population. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 470-478.	0.5	21
151	Editors' Note and Special Communication: Research Priorities in Child and Adolescent Mental Health Emerging From the COVID-19 Pandemic. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 544-554.e8.	0.5	21
152	Affective Bias and Response Modulation Following Tyrosine Depletion in Healthy Adults. Neuropsychopharmacology, 2006, 31, 2523-2536.	5.4	20
153	Associations of maternal folic acid supplementation and folate concentrations during pregnancy with foetal and child head growth: the Generation R Study. European Journal of Nutrition, 2017, 56, 65-75.	4.6	20
154	Maternal prepregnancy body mass index and offspring white matter microstructure: results from three birth cohorts. International Journal of Obesity, 2019, 43, 1995-2006.	3.4	20
155	Trajectories of Social Withdrawal and Cognitive Decline in the Schizophrenia Prodrome. Clinical Schizophrenia and Related Psychoses, 2011, 4, 229-238.	1.4	20
156	Structural Brain Connectivity in Childhood Disruptive Behavior Problems: A Multidimensional Approach. Biological Psychiatry, 2019, 85, 336-344.	1.3	19
157	Observed infant-parent attachment and brain morphology in middle childhood– A population-based study. Developmental Cognitive Neuroscience, 2019, 40, 100724.	4.0	19
158	DREAM. Neuroinformatics, 2021, 19, 529-545.	2.8	19
159	Maternal polyunsaturated fatty acids during pregnancy and offspring brain development in childhood. American Journal of Clinical Nutrition, 2021, 114, 124-133.	4.7	19
160	The thalamus and its subnuclei—a gateway to obsessive-compulsive disorder. Translational Psychiatry, 2022, 12, 70.	4.8	19
161	Naltrexone Treatment for a 3-Year-Old Boy With Self-Injurious Behavior. American Journal of Psychiatry, 2000, 157, 1574-1582.	7.2	18
162	Neuroimaging, Pain Sensitivity, and Neuropsychological Functioning in School-Age Neonatal Extracorporeal Membrane Oxygenation Survivors Exposed to Opioids and Sedatives. Pediatric Critical Care Medicine, 2015, 16, 652-662.	0.5	18

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163	Maternal folate levels during pregnancy and offspring brain development in late childhood. Clinical Nutrition, 2021, 40, 3391-3400.	5.0	18
164	Verbal and visuospatial working memory development and deficits in children and adolescents with schizophrenia. Microbial Biotechnology, 2010, 4, 305-313.	1.7	17
165	Early childhood aggression trajectories. International Journal of Behavioral Development, 2015, 39, 221-234.	2.4	17
166	Environment and Brain Development: Challenges in the Global Context. Neuroepidemiology, 2016, 46, 79-82.	2.3	17
167	Altered functional resting-state hypothalamic connectivity and abnormal pituitary morphology in children with Prader-Willi syndrome. Journal of Neurodevelopmental Disorders, 2017, 9, 12.	3.1	16
168	Aberrant White Matter Microstructure in Children and Adolescents With the Subtype of Prader–Willi Syndrome at High Risk for Psychosis. Schizophrenia Bulletin, 2017, 43, 1090-1099.	4.3	16
169	Socialization of prosocial behavior: Gender differences in the mediating role of child brain volume. Child Neuropsychology, 2018, 24, 723-733.	1.3	16
170	Interaction of schizophrenia polygenic risk and cortisol level on pre-adolescent brain structure. Psychoneuroendocrinology, 2019, 101, 295-303.	2.7	16
171	Autistic traits and neuropsychological performance in 6- to-10-year-old children: a population-based study. Child Neuropsychology, 2019, 25, 352-369.	1.3	16
172	Reproducibility in the absence of selective reporting: AnÂillustration from largeâ€scale brain asymmetry research. Human Brain Mapping, 2022, 43, 244-254.	3.6	16
173	Childhood sleep disturbances and white matter microstructure in preadolescence. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2019, 60, 1242-1250.	5.2	15
174	Prenatal Maternal Stress and Child IQ. Child Development, 2020, 91, 347-365.	3.0	15
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