

TomÅ;Å; Paus

List of Publications by Year in descending order

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169
papers

17,920
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53794

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#	ARTICLE	IF	CITATIONS
1	What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the <scp>ENIGMA</scp> Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 56-82.	3.6	67
2	Orbitofrontal cortex volume links polygenic risk for smoking with tobacco use in healthy adolescents. Psychological Medicine, 2022, 52, 1175-1182.	4.5	3
3	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <scp>ENIGMA</scp> adventure. Human Brain Mapping, 2022, 43, 37-55.	3.6	61
4	An overview of the first 5 years of the ENIGMA obsessive-compulsive disorder working group: The power of worldwide collaboration. Human Brain Mapping, 2022, 43, 23-36.	3.6	51
5	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the <scp>ENIGMA</scp> working groups on <scp>CNVs</scp>. Human Brain Mapping, 2022, 43, 300-328.	3.6	30
6	Predicting Depression Onset in Young People Based on Clinical, Cognitive, Environmental, and Neurobiological Data. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 376-384.	1.5	9
7	The genetics of testosterone contributes to "femaleness/maleness" of cardiometabolic traits and type 2 diabetes. International Journal of Obesity, 2022, 46, 235-237.	3.4	6
8	Genomic Studies Across the Lifespan Point to Early Mechanisms Determining Subcortical Volumes. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 616-628.	1.5	1
9	Global urbanicity is associated with brain and behaviour in young people. Nature Human Behaviour, 2022, 6, 279-293.	12.0	24
10	Genetic variation influencing DNA methylation provides insights into molecular mechanisms regulating genomic function. Nature Genetics, 2022, 54, 18-29.	21.4	60
11	Circulating Metabolome and White Matter Hyperintensities in Women and Men. Circulation, 2022, 145, 1040-1052.	1.6	17
12	Prenatal stress and its association with amygdala-related structural covariance patterns in youth. NeuroImage: Clinical, 2022, 34, 102976.	2.7	7
13	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. Biological Psychiatry, 2022, 92, 299-313.	1.3	11
14	Dynamic Structural Brain Changes in Anorexia Nervosa: A Replication Study, Mega-analysis, and Virtual Histology Approach. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 1168-1181.	0.5	15
15	Brain Signatures During Reward Anticipation Predict Persistent Attention-Deficit/Hyperactivity Disorder Symptoms. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 1050-1061.	0.5	6
16	Autistic traits and alcohol use in adolescents within the general population. European Child and Adolescent Psychiatry, 2022, , 1.	4.7	0
17	Editorial: Population Neuroscience of Development and Aging. Frontiers in Systems Neuroscience, 2022, 16, 897943.	2.5	1
18	Bayesian causal network modeling suggests adolescent cannabis use accelerates prefrontal cortical thinning. Translational Psychiatry, 2022, 12, 188.	4.8	7

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19	Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. <i>Molecular Psychiatry</i> , 2021, 26, 3884-3895.	7.9	34
20	A variant near DHCR24 associates with microstructural properties of white matter and peripheral lipid metabolism in adolescents. <i>Molecular Psychiatry</i> , 2021, 26, 3795-3805.	7.9	14
21	Development of Disordered Eating Behaviors and Comorbid Depressive Symptoms in Adolescence: Neural and Psychopathological Predictors. <i>Biological Psychiatry</i> , 2021, 90, 853-862.	1.3	20
22	Reward Versus Nonreward Sensitivity of the Medial Versus Lateral Orbitofrontal Cortex Relates to the Severity of Depressive Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 259-269.	1.5	23
23	Sex continuum in the brain and body during adolescence and psychological traits. <i>Nature Human Behaviour</i> , 2021, 5, 265-272.	12.0	12
24	Effect Sizes of Deletions and Duplications on Autism Risk Across the Genome. <i>American Journal of Psychiatry</i> , 2021, 178, 87-98.	7.2	50
25	Irregular sleep habits, regional grey matter volumes, and psychological functioning in adolescents. <i>PLoS ONE</i> , 2021, 16, e0243720.	2.5	6
26	Are psychotic-like experiences related to a discontinuation of cannabis consumption in young adults?. <i>Schizophrenia Research</i> , 2021, 228, 271-279.	2.0	3
27	Pubertal Testosterone and Brain Response to Faces in Young Adulthood: An Interplay between Organizational and Activational Effects in Young Men. <i>Journal of Neuroscience</i> , 2021, 41, 2990-2999.	3.6	6
28	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021, 11, 182.	4.8	24
29	Endocannabinoid Gene \times Gene Interaction Association to Alcohol Use Disorder in Two Adolescent Cohorts. <i>Frontiers in Psychiatry</i> , 2021, 12, 645746.	2.6	4
30	Orbitofrontal control of conduct problems? Evidence from healthy adolescents processing negative facial affect. <i>European Child and Adolescent Psychiatry</i> , 2021, , 1.	4.7	1
31	Association of Cannabis Use During Adolescence With Neurodevelopment. <i>JAMA Psychiatry</i> , 2021, 78, 1031.	11.0	82
32	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.	21.4	218
33	New insights into the dynamic development of the cerebral cortex in childhood and adolescence: Integrating macro- and microstructural MRI findings. <i>Progress in Neurobiology</i> , 2021, 204, 102109.	5.7	54
34	Immune-Related Genetic Overlap Between Regional Gray Matter Reductions and Psychiatric Symptoms in Adolescents, and Gene-Set Validation in a Translational Model. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 725413.	2.5	4
35	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021, 90, 529-539.	1.3	25
36	Similarity and stability of face network across populations and throughout adolescence and adulthood. <i>NeuroImage</i> , 2021, 244, 118587.	4.2	3

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37	Genome-wide analysis of gene dosage in 24,092 individuals estimates that 10,000 genes modulate cognitive ability. <i>Molecular Psychiatry</i> , 2021, 26, 2663-2676.	7.9	33
38	Pubertal Testosterone and the Structure of the Cerebral Cortex in Young Men. <i>Cerebral Cortex</i> , 2021, 31, 2812-2821.	2.9	12
39	Linked patterns of biological and environmental covariation with brain structure in adolescence: a population-based longitudinal study. <i>Molecular Psychiatry</i> , 2021, 26, 4905-4918.	7.9	26
40	Characterizing reward system neural trajectories from adolescence to young adulthood. <i>Developmental Cognitive Neuroscience</i> , 2021, 52, 101042.	4.0	8
41	General Psychopathology, Cognition, and the Cerebral Cortex in 10-Year-Old Children: Insights From the Adolescent Brain Cognitive Development Study. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 781554.	2.0	9
42	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020, 25, 584-602.	7.9	49
43	Distinct brain structure and behavior related to ADHD and conduct disorder traits. <i>Molecular Psychiatry</i> , 2020, 25, 3020-3033.	7.9	37
44	Hierarchical associations of alcohol use disorder symptoms in late adolescence with markers during early adolescence. <i>Addictive Behaviors</i> , 2020, 100, 106130.	3.0	3
45	Corticosteroids and Regional Variations in Thickness of the Human Cerebral Cortex across the Lifespan. <i>Cerebral Cortex</i> , 2020, 30, 575-586.	2.9	13
46	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. <i>JAMA Psychiatry</i> , 2020, 77, 420.	11.0	54
47	Identifying biological markers for improved precision medicine in psychiatry. <i>Molecular Psychiatry</i> , 2020, 25, 243-253.	7.9	40
48	Cortical Surfaces Mediate the Relationship Between Polygenic Scores for Intelligence and General Intelligence. <i>Cerebral Cortex</i> , 2020, 30, 2708-2719.	2.9	24
49	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	12.8	61
50	Epigenetic clock as a correlate of anxiety. <i>NeuroImage: Clinical</i> , 2020, 28, 102458.	2.7	13
51	Adiposity-related insulin resistance and thickness of the cerebral cortex in middle-aged adults. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12921.	2.6	9
52	Longitudinal associations between amygdala reactivity and cannabis use in a large sample of adolescents. <i>Psychopharmacology</i> , 2020, 237, 3447-3458.	3.1	7
53	Brain structure and habitat: Do the brains of our children tell us where they have been brought up?. <i>NeuroImage</i> , 2020, 222, 117225.	4.2	8
54	Thickness of the cerebral cortex shows positive association with blood levels of triacylglycerols carrying 18-carbon fatty acids. <i>Communications Biology</i> , 2020, 3, 456.	4.4	11

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55	Cellular correlates of cortical thinning throughout the lifespan. Scientific Reports, 2020, 10, 21803.	3.3	80
56	Cognitive and brain development is independently influenced by socioeconomic status and polygenic scores for educational attainment. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12411-12418.	7.1	66
57	Age-Related Changes of Peak Width Skeletonized Mean Diffusivity (PSMD) Across the Adult Lifespan: A Multi-Cohort Study. Frontiers in Psychiatry, 2020, 11, 342.	2.6	26
58	Consensus Parameter: Research Methodologies to Evaluate Neurodevelopmental Effects of Pubertal Suppression in Transgender Youth. Transgender Health, 2020, 5, 246-257.	2.5	22
59	Assessment of Neurobiological Mechanisms of Cortical Thinning During Childhood and Adolescence and Their Implications for Psychiatric Disorders. JAMA Psychiatry, 2020, 77, 1127.	11.0	40
60	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
61	Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. Cerebral Cortex, 2020, 30, 4121-4139.	2.9	16
62	Examination of the neural basis of psychotic-like experiences in adolescence during processing of emotional faces. Scientific Reports, 2020, 10, 5164.	3.3	7
63	The IMAGEN study: a decade of imaging genetics in adolescents. Molecular Psychiatry, 2020, 25, 2648-2671.	7.9	46
64	Virtual histology of multi-modal magnetic resonance imaging of cerebral cortex in young men. Neurolmage, 2020, 218, 116968.	4.2	37
65	Cannabinoids and psychotic symptoms: A potential role for a genetic variant in the P2X purinoceptor 7 (P2RX7) gene. Brain, Behavior, and Immunity, 2020, 88, 573-581.	4.1	14
66	Estimated Prevalence of Nonverbal Learning Disability Among North American Children and Adolescents. JAMA Network Open, 2020, 3, e202551.	5.9	10
67	Neurobehavioural characterisation and stratification of reinforcement-related behaviour. Nature Human Behaviour, 2020, 4, 544-558.	12.0	15
68	Association of Genetic and Phenotypic Assessments With Onset of Disordered Eating Behaviors and Comorbid Mental Health Problems Among Adolescents. JAMA Network Open, 2020, 3, e2026874.	5.9	26
69	Predicting change trajectories of neuroticism from baseline brain structure using whole brain analyses and latent growth curve models in adolescents. Scientific Reports, 2020, 10, 1207.	3.3	3
70	Population neuroimaging: generation of a comprehensive data resource within the ALSPAC pregnancy and birth cohort. Wellcome Open Research, 2020, 5, 203.	1.8	12
71	Donor-Specific Transcriptomic Analysis of Alzheimer's Disease-Associated Hypometabolism Highlights a Unique Donor, Ribosomal Proteins and Microglia. ENeuro, 2020, 7, ENEURO.0255-20.2020.	1.9	5
72	The initiation of cannabis use in adolescence is predicted by sex-specific psychosocial and neurobiological features. European Journal of Neuroscience, 2019, 50, 2346-2356.	2.6	32

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73	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285.	4.4	27
74	Novel Genetic Locus of Visceral Fat and Systemic Inflammation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3735-3742.	3.6	11
75	Sex Differences in Blood Pressure Hemodynamics in Middle-Aged Adults With Overweight and Obesity. <i>Hypertension</i> , 2019, 74, 407-412.	2.7	8
76	Error processing in the adolescent brain: Age-related differences in electrophysiology, behavioral adaptation, and brain morphology. <i>Developmental Cognitive Neuroscience</i> , 2019, 38, 100665.	4.0	28
77	Quantifying performance of machine learning methods for neuroimaging data. <i>NeuroImage</i> , 2019, 199, 351-365.	4.2	120
78	White matter microstructure is associated with hyperactive/inattentive symptomatology and polygenic risk for attention-deficit/hyperactivity disorder in a population-based sample of adolescents. <i>Neuropsychopharmacology</i> , 2019, 44, 1597-1603.	5.4	22
79	Amygdalar reactivity is associated with prefrontal cortical thickness in a large population-based sample of adolescents. <i>PLoS ONE</i> , 2019, 14, e0216152.	2.5	5
80	Low Smoking Exposure, the Adolescent Brain, and the Modulating Role of CHRNA5 Polymorphisms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 672-679.	1.5	15
81	The Cortical Neuroimmune Regulator TANK Affects Emotional Processing and Enhances Alcohol Drinking: A Translational Study. <i>Cerebral Cortex</i> , 2019, 29, 1736-1751.	2.9	10
82	The Superoanterior Fasciculus (SAF): A Novel White Matter Pathway in the Human Brain?. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 24.	1.7	22
83	Brain Age in Early Stages of Bipolar Disorders or Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 190-198.	4.3	94
84	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
85	Epigenetic Loci of Blood Pressure. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002341.	3.6	3
86	Effect modification of <i>FADS2</i> polymorphisms on the association between breastfeeding and intelligence: results from a collaborative meta-analysis. <i>International Journal of Epidemiology</i> , 2019, 48, 45-57.	1.9	5
87	Association of a Schizophrenia-Risk Nonsynonymous Variant With Putamen Volume in Adolescents. <i>JAMA Psychiatry</i> , 2019, 76, 435.	11.0	51
88	Grey Matter Volume Differences Associated with Extremely Low Levels of Cannabis Use in Adolescence. <i>Journal of Neuroscience</i> , 2019, 39, 1817-1827.	3.6	70
89	Mapping adolescent reward anticipation, receipt, and prediction error during the monetary incentive delay task. <i>Human Brain Mapping</i> , 2019, 40, 262-283.	3.6	69
90	Ventromedial Prefrontal Volume in Adolescence Predicts Hyperactive/Inattentive Symptoms in Adulthood. <i>Cerebral Cortex</i> , 2019, 29, 1866-1874.	2.9	16

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91	Predicting development of adolescent drinking behaviour from whole brain structure at 14 years of age. <i>ELife</i> , 2019, 8, .	6.0	22
92	Maternal smoking during pregnancy and offspring overweight: is there a dose-response relationship? An individual patient data meta-analysis. <i>International Journal of Obesity</i> , 2018, 42, 1249-1264.	3.4	41
93	Neural circuitry underlying sustained attention in healthy adolescents and in ADHD symptomatology. <i>NeuroImage</i> , 2018, 169, 395-406.	4.2	47
94	Inter-Regional Variations in Gene Expression and Age-Related Cortical Thinning in the Adolescent Brain. <i>Cerebral Cortex</i> , 2018, 28, 1272-1281.	2.9	25
95	Measuring and Estimating the Effect Sizes of Copy Number Variants on General Intelligence in Community-Based Samples. <i>JAMA Psychiatry</i> , 2018, 75, 447.	11.0	77
96	Associations between prenatal, childhood, and adolescent stress and variations in white-matter properties in young men. <i>NeuroImage</i> , 2018, 182, 389-397.	4.2	33
97	Imaging microstructure in the living human brain: A viewpoint. <i>NeuroImage</i> , 2018, 182, 3-7.	4.2	17
98	Methylation of <i>OPRL1</i> mediates the effect of psychosocial stress on binge drinking in adolescents. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 650-658.	5.2	10
99	Cell-Specific Gene-Expression Profiles and Cortical Thickness in the Human Brain. <i>Cerebral Cortex</i> , 2018, 28, 3267-3277.	2.9	99
100	Genetic risk for schizophrenia and autism, social impairment and developmental pathways to psychosis. <i>Translational Psychiatry</i> , 2018, 8, 204.	4.8	16
101	COMT Val158Met Polymorphism and Social Impairment Interactively Affect Attention-Deficit Hyperactivity Symptoms in Healthy Adolescents. <i>Frontiers in Genetics</i> , 2018, 9, 284.	2.3	7
102	Epigenetic variance in dopamine D2 receptor: a marker of IQ malleability?. <i>Translational Psychiatry</i> , 2018, 8, 169.	4.8	23
103	GWAS of lifetime cannabis use reveals new risk loci, genetic overlap with psychiatric traits, and a causal effect of schizophrenia liability. <i>Nature Neuroscience</i> , 2018, 21, 1161-1170.	14.8	436
104	A neurobiological pathway to smoking in adolescence: TTC12-ANKK1-DRD2 variants and reward response. <i>European Neuropsychopharmacology</i> , 2018, 28, 1103-1114.	0.7	12
105	Cohort Profile: The Saguenay Youth Study (SYS). <i>International Journal of Epidemiology</i> , 2017, 46, dyw023.	1.9	47
106	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	4.2	173
107	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
108	Inattention and Reaction Time Variability Are Linked to Ventromedial Prefrontal Volume in Adolescents. <i>Biological Psychiatry</i> , 2017, 82, 660-668.	1.3	38

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109	Identifying disordered eating behaviours in adolescents: how do parent and adolescent reports differ by sex and age?. European Child and Adolescent Psychiatry, 2017, 26, 691-701.	4.7	48
110	Studying neuroanatomy using MRI. Nature Neuroscience, 2017, 20, 314-326.	14.8	220
111	Brain substrates of reward processing and the μ -opioid receptor: a pathway into pain?. Pain, 2017, 158, 212-219.	4.2	26
112	Functional Neuroimaging Predictors of Self-Reported Psychotic Symptoms in Adolescents. American Journal of Psychiatry, 2017, 174, 566-575.	7.2	32
113	Overdominant Effect of a <i>CHRNA4</i> Polymorphism on Cingulo-Opercular Network Activity and Cognitive Control. Journal of Neuroscience, 2017, 37, 9657-9666.	3.6	16
114	Income inequality, gene expression, and brain maturation during adolescence. Scientific Reports, 2017, 7, 7397.	3.3	21
115	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. American Journal of Human Genetics, 2017, 101, 888-902.	6.2	154
116	Sex differences in the adolescent brain and body: Findings from the saguenay youth study. Journal of Neuroscience Research, 2017, 95, 362-370.	2.9	42
117	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. Brain Imaging and Behavior, 2017, 11, 1497-1514.	2.1	144
118	A general psychopathology factor (P factor) in children: Structural model analysis and external validation through familial risk and child global executive function.. Journal of Abnormal Psychology, 2017, 126, 137-148.	1.9	189
119	GABRB1 Single Nucleotide Polymorphism Associated with Altered Brain Responses (but not) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj in Behavioral Neuroscience, 2017, 11, 24.	2.0	9
120	The Influence of Study-Level Inference Models and Study Set Size on Coordinate-Based fMRI Meta-Analyses. Frontiers in Neuroscience, 2017, 11, 745.	2.8	14
121	Polygenic Risk of Psychosis and Ventral Striatal Activation During Reward Processing in Healthy Adolescents. JAMA Psychiatry, 2016, 73, 852.	11.0	40
122	Sex-related differences in frequency and perception of stressful life events during adolescence. Zeitschrift Fur Gesundheitswissenschaften, 2016, 24, 365-374.	1.6	3
123	Prediction of alcohol drinking in adolescents: Personality-traits, behavior, brain responses, and genetic variations in the context of reward sensitivity. Biological Psychology, 2016, 118, 79-87.	2.2	49
124	Age- and sex-related variations in vocal-tract morphology and voice acoustics during adolescence. Hormones and Behavior, 2016, 81, 84-96.	2.1	58
125	Ventral Striatum Connectivity During Reward Anticipation in Adolescent Smokers. Developmental Neuropsychology, 2016, 41, 6-21.	1.4	20
126	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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127	The role of the cannabinoid receptor in adolescentsâ€™ processing of facial expressions. European Journal of Neuroscience, 2016, 43, 98-105.	2.6	5
128	Predictive utility of the NEO-FFI for later substance experiences among 16-year-old adolescents. Zeitschrift Fur Gesundheitswissenschaften, 2016, 24, 489-495.	1.6	0
129	The structure of psychopathology in adolescence and its common personality and cognitive correlates.. Journal of Abnormal Psychology, 2016, 125, 1039-1052.	1.9	217
130	Glycerophosphocholine Metabolites and Cardiovascular Disease Risk Factors in Adolescents. Circulation, 2016, 134, 1629-1636.	1.6	55
131	Puberty and testosterone shape the corticospinal tract during male adolescence. Brain Structure and Function, 2016, 221, 1083-1094.	2.3	30
132	Co-ordinated structural and functional covariance in the adolescent brain underlies face processing performance. Social Cognitive and Affective Neuroscience, 2016, 11, 556-568.	3.0	13
133	Neural basis of reward anticipation and its genetic determinants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3879-3884.	7.1	53
134	ISDN2014_0320: Testosterone shapes the corticospinal tract during adolescence. International Journal of Developmental Neuroscience, 2015, 47, 98-98.	1.6	0
135	Incomplete Hippocampal Inversion: A Comprehensive MRI Study of Over 2000 Subjects. Frontiers in Neuroanatomy, 2015, 9, 160.	1.7	47
136	A FreeSurfer view of the cortical transcriptome generated from the Allen Human Brain Atlas. Frontiers in Neuroscience, 2015, 9, 323.	2.8	93
137	Robust regression for large-scale neuroimaging studies. NeuroImage, 2015, 111, 431-441.	4.2	14
138	Correlated gene expression supports synchronous activity in brain networks. Science, 2015, 348, 1241-1244.	12.6	532
139	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
140	Neurodevelopmental Trajectories, Disconnection, and Schizophrenia Risk. JAMA Psychiatry, 2015, 72, 943.	11.0	10
141	Rsu1 regulates ethanol consumption in <i>Drosophila</i> and humans. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4085-93.	7.1	57
142	Early Cannabis Use, Polygenic Risk Score for Schizophrenia and Brain Maturation in Adolescence. JAMA Psychiatry, 2015, 72, 1002.	11.0	156
143	Cannabis use in early adolescence: Evidence of amygdala hypersensitivity to signals of threat. Developmental Cognitive Neuroscience, 2015, 16, 63-70.	4.0	54
144	Personality, Attentional Biases towards Emotional Faces and Symptoms of Mental Disorders in an Adolescent Sample. PLoS ONE, 2015, 10, e0128271.	2.5	10

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145	Positive Association of Video Game Playing with Left Frontal Cortical Thickness in Adolescents. PLoS ONE, 2014, 9, e91506.	2.5	70
146	Testosterone Trajectories and Reference Ranges in a Large Longitudinal Sample of Male Adolescents. PLoS ONE, 2014, 9, e108838.	2.5	40
147	Machine learning patterns for neuroimaging-genetic studies in the cloud. Frontiers in Neuroinformatics, 2014, 8, 31.	2.5	11
148	Sex Differences in COMT Polymorphism Effects on Prefrontal Inhibitory Control in Adolescence. Neuropsychopharmacology, 2014, 39, 2560-2569.	5.4	53
149	DRD2/ANKK1 Polymorphism Modulates the Effect of Ventral Striatal Activation on Working Memory Performance. Neuropsychopharmacology, 2014, 39, 2357-2365.	5.4	31
150	Global Genetic Variations Predict Brain Response to Faces. PLoS Genetics, 2014, 10, e1004523.	3.5	18
151	Changes in the adolescent brain and the pathophysiology of psychotic disorders. Lancet Psychiatry, the, 2014, 1, 549-558.	7.4	177
152	Estimating volumes of the pituitary gland from T1-weighted magnetic-resonance images: Effects of age, puberty, testosterone, and estradiol. NeuroImage, 2014, 94, 216-221.	4.2	44
153	Adiposity is associated with structural properties of the adolescent brain. NeuroImage, 2014, 103, 192-201.	4.2	21
154	No Differences in Hippocampal Volume between Carriers and Non-Carriers of the ApoE ϵ 4 and ϵ 2 Alleles in Young Healthy Adolescents. Journal of Alzheimer's Disease, 2014, 40, 37-43.	2.6	51
155	Neuropsychosocial profiles of current and future adolescent alcohol misusers. Nature, 2014, 512, 185-189.	27.8	368
156	Oxytocin Receptor Genotype Modulates Ventral Striatal Activity to Social Cues and Response to Stressful Life Events. Biological Psychiatry, 2014, 76, 367-376.	1.3	53
157	Randomized parcellation based inference. NeuroImage, 2014, 89, 203-215.	4.2	13
158	Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder Symptoms Are Stratified by MAOA Genotype. Biological Psychiatry, 2013, 74, 607-614.	1.3	54
159	Height-based Indices of Pubertal Timing in Male Adolescents. International Journal of Developmental Sciences, 2013, 7, 105-116.	0.5	7
160	Some Thoughts on the Relationship of Developmental Science and Population Neuroscience. International Journal of Developmental Sciences, 2012, 6, 9-11.	0.5	2
161	Creating probabilistic maps of the face network in the adolescent brain: A multicentre functional MRI study. Human Brain Mapping, 2012, 33, 938-957.	3.6	67
162	Sex differences in the human brain. Progress in Brain Research, 2010, 186, 13-28.	1.4	111

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163	Why do many psychiatric disorders emerge during adolescence?. Nature Reviews Neuroscience, 2008, 9, 947-957.	10.2	2,396
164	Brain Size and Folding of the Human Cerebral Cortex. Cerebral Cortex, 2008, 18, 2352-2357.	2.9	209
165	Growth of White Matter in the Adolescent Brain: Role of Testosterone and Androgen Receptor. Journal of Neuroscience, 2008, 28, 9519-9524.	3.6	292
166	Brain Networks Involved in Viewing Angry Hands or Faces. Cerebral Cortex, 2006, 16, 1087-1096.	2.9	232
167	Mapping brain maturation and cognitive development during adolescence. Trends in Cognitive Sciences, 2005, 9, 60-68.	7.8	1,079
168	Brain development during childhood and adolescence: a longitudinal MRI study. Nature Neuroscience, 1999, 2, 861-863.	14.8	4,670
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