Francisco Castellanos

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Brain development during childhood and adolescence: a longitudinal MRI study. Nature Neuroscience, 1999, 2, 861-863.	14.8	4,670
2	Toward discovery science of human brain function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4734-4739.	7.1	2,703
3	The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. Molecular Psychiatry, 2014, 19, 659-667.	7.9	1,882
4	Neuroscience of attention-deficit/hyperactivity disorder: the search for endophenotypes. Nature Reviews Neuroscience, 2002, 3, 617-628.	10.2	1,548
5	Situating the default-mode network along a principal gradient of macroscale cortical organization. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12574-12579.	7.1	1,481
6	A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics. NeuroImage, 2013, 76, 183-201.	4.2	1,331
7	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.	7.4	1,298
8	The oscillating brain: Complex and reliable. NeuroImage, 2010, 49, 1432-1445.	4.2	1,239
9	Competition between functional brain networks mediates behavioral variability. NeuroImage, 2008, 39, 527-537.	4.2	1,141
10	Network Centrality in the Human Functional Connectome. Cerebral Cortex, 2012, 22, 1862-1875.	2.9	1,003
11	A Developmental Functional MRI Study of Prefrontal Activation during Performance of a Go-No-Go Task. Journal of Cognitive Neuroscience, 1997, 9, 835-847.	2.3	988
12	Characterizing cognition in ADHD: beyond executive dysfunction. Trends in Cognitive Sciences, 2006, 10, 117-123.	7.8	972
13	Quantitative Brain Magnetic Resonance Imaging in Attention-Deficit Hyperactivity Disorder. Archives of General Psychiatry, 1996, 53, 607.	12.3	965
14	Functional connectivity of default mode network components: Correlation, anticorrelation, and causality. Human Brain Mapping, 2009, 30, 625-637.	3.6	961
15	Precuneus shares intrinsic functional architecture in humans and monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20069-20074.	7.1	857
16	The Resting Brain: Unconstrained yet Reliable. Cerebral Cortex, 2009, 19, 2209-2229.	2.9	824
17	Toward Systems Neuroscience of ADHD: A Meta-Analysis of 55 fMRI Studies. American Journal of Psychiatry, 2012, 169, 1038-1055.	7.2	782
18	Spontaneous attentional fluctuations in impaired states and pathological conditions: A neurobiological hypothesis. Neuroscience and Biobehavioral Reviews, 2007, 31, 977-986.	6.1	780

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19	Cingulate-Precuneus Interactions: A New Locus of Dysfunction in Adult Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2008, 63, 332-337.	1.3	777
20	Implication of Right Frontostriatal Circuitry in Response Inhibition and Attention-Deficit/Hyperactivity Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 1997, 36, 374-383.	0.5	719
21	Reliable intrinsic connectivity networks: Test–retest evaluation using ICA and dual regression approach. Neurolmage, 2010, 49, 2163-2177.	4.2	693
22	Functional connectivity of the human amygdala using resting state fMRI. NeuroImage, 2009, 45, 614-626.	4.2	680
23	Mapping the functional connectivity of anterior cingulate cortex. NeuroImage, 2007, 37, 579-588.	4.2	678
24	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. Frontiers in Neuroscience, 2012, 6, 152.	2.8	667
25	The neural correlates of attention deficit hyperactivity disorder: an ALE meta-analysis. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2006, 47, 1051-1062.	5.2	631
26	Growing Together and Growing Apart: Regional and Sex Differences in the Lifespan Developmental Trajectories of Functional Homotopy. Journal of Neuroscience, 2010, 30, 15034-15043.	3.6	619
27	Longitudinal Mapping of Cortical Thickness and Clinical Outcome in Children and Adolescents With Attention-Deficit/Hyperactivity Disorder. Archives of General Psychiatry, 2006, 63, 540.	12.3	592
28	Large-scale brain systems in ADHD: beyond the prefrontal–striatal model. Trends in Cognitive Sciences, 2012, 16, 17-26.	7.8	579
29	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. Lancet Psychiatry,the, 2017, 4, 310-319.	7.4	565
30	Expansion of the Human Phenotype Ontology (HPO) knowledge base and resources. Nucleic Acids Research, 2019, 47, D1018-D1027.	14.5	539
31	Etiologic Subtypes of Attention-Deficit/Hyperactivity Disorder: Brain Imaging, Molecular Genetic and Environmental Factors and the Dopamine Hypothesis. Neuropsychology Review, 2007, 17, 39-59.	4.9	510
32	Development of Anterior Cingulate Functional Connectivity from Late Childhood to Early Adulthood. Cerebral Cortex, 2009, 19, 640-657.	2.9	497
33	Clinical and Functional Outcome of Childhood Attention-Deficit/Hyperactivity Disorder 33 Years Later. Archives of General Psychiatry, 2012, 69, 1295.	12.3	483
34	Functional Brain Correlates of Social and Nonsocial Processes in Autism Spectrum Disorders: An Activation Likelihood Estimation Meta-Analysis. Biological Psychiatry, 2009, 65, 63-74.	1.3	480
35	Varieties of Attention-Deficit/Hyperactivity Disorder-Related Intra-Individual Variability. Biological Psychiatry, 2005, 57, 1416-1423.	1.3	471
36	Distinct neural mechanisms of risk and ambiguity: A meta-analysis of decision-making. NeuroImage, 2006, 32, 477-484.	4.2	468

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37	Sexual dimorphism of the developing human brain. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1997, 21, 1185-1201.	4.8	443
38	Reduced default mode network functional connectivity in patients with recurrent major depressive disorder. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9078-9083.	7.1	441
39	Ventral Striatal Hyporesponsiveness During Reward Anticipation in Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2007, 61, 720-724.	1.3	433
40	Toward reliable characterization of functional homogeneity in the human brain: Preprocessing, scan duration, imaging resolution and computational space. NeuroImage, 2013, 65, 374-386.	4.2	428
41	Enhancing studies of the connectome in autism using the autism brain imaging data exchange II. Scientific Data, 2017, 4, 170010.	5.3	422
42	Aberrant Striatal Functional Connectivity in Children with Autism. Biological Psychiatry, 2011, 69, 847-856.	1.3	403
43	Brain development and ADHD. Clinical Psychology Review, 2006, 26, 433-444.	11.4	397
44	Network homogeneity reveals decreased integrity of default-mode network in ADHD. Journal of Neuroscience Methods, 2008, 169, 249-254.	2.5	393
45	Distinct neural signatures detected for ADHD subtypes after controlling for micro-movements in resting state functional connectivity MRI data. Frontiers in Systems Neuroscience, 2012, 6, 80.	2.5	390
46	Imaging human connectomes at the macroscale. Nature Methods, 2013, 10, 524-539.	19.0	384
47	Topological organization of the human brain functional connectome across the lifespan. Developmental Cognitive Neuroscience, 2014, 7, 76-93.	4.0	380
48	Sensorimotor gating in boys with Tourette's syndrome and ADHD: Preliminary results. Biological Psychiatry, 1996, 39, 33-41.	1.3	377
49	Quantitative Brain Magnetic Resonance Imaging in Girls With Attention-Deficit/Hyperactivity Disorder. Archives of General Psychiatry, 2001, 58, 289.	12.3	377
50	An open resource for transdiagnostic research in pediatric mental health and learning disorders. Scientific Data, 2017, 4, 170181.	5.3	375
51	A convergent functional architecture of the insula emerges across imaging modalities. NeuroImage, 2012, 61, 1129-1142.	4.2	351
52	An open science resource for establishing reliability and reproducibility in functional connectomics. Scientific Data, 2014, 1, 140049.	5.3	349
53	Toward a Pathophysiology of Attention-Deficit/Hyperactivint Disorder. Clinical Pediatrics, 1997, 36, 381-393.	0.8	338
54	Development of the human corpus callosum during childhood and adolescence: A longitudinal MRI study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1999, 23, 571-588.	4.8	338

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55	Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. NeuroImage, 2010, 50, 1690-1701.	4.2	331
56	Unraveling the Miswired Connectome: A Developmental Perspective. Neuron, 2014, 83, 1335-1353.	8.1	299
57	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
58	Shared and Distinct Intrinsic Functional Network Centrality in Autism and Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2013, 74, 623-632.	1.3	295
59	Clinical applications of the functional connectome. NeuroImage, 2013, 80, 527-540.	4.2	288
60	Inscapes : A movie paradigm to improve compliance in functional magnetic resonance imaging. NeuroImage, 2015, 122, 222-232.	4.2	281
61	Rumination and the default mode network: Meta-analysis of brain imaging studies and implications for depression. Neurolmage, 2020, 206, 116287.	4.2	280
62	Temporal and probabilistic discounting of rewards in children and adolescents: Effects of age and ADHD symptoms. Neuropsychologia, 2006, 44, 2092-2103.	1.6	276
63	A quantitative MRI study of the corpus callosum in children and adolescents. Developmental Brain Research, 1996, 91, 274-280.	1.7	275
64	Cognitive neuroscience of attention deficit hyperactivity disorder and hyperkinetic disorder. Current Opinion in Neurobiology, 1998, 8, 263-271.	4.2	271
65	Regional Variation in Interhemispheric Coordination of Intrinsic Hemodynamic Fluctuations. Journal of Neuroscience, 2008, 28, 13754-13764.	3.6	271
66	l-Dopa Modulates Functional Connectivity in Striatal Cognitive and Motor Networks: A Double-Blind Placebo-Controlled Study. Journal of Neuroscience, 2009, 29, 7364-7378.	3.6	268
67	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
68	Brain Imaging of Attention Deficit/Hyperactivity Disorder. Annals of the New York Academy of Sciences, 2001, 931, 33-49.	3.8	256
69	Personality Is Reflected in the Brain's Intrinsic Functional Architecture. PLoS ONE, 2011, 6, e27633.	2.5	254
70	Making data sharing work: The FCP/INDI experience. NeuroImage, 2013, 82, 683-691.	4.2	252
71	Characterizing variation in the functional connectome: promise and pitfalls. Trends in Cognitive Sciences, 2012, 16, 181-188.	7.8	248
72	A common variant of the latrophilin 3 gene, LPHN3, confers susceptibility to ADHD and predicts effectiveness of stimulant medication. Molecular Psychiatry, 2010, 15, 1053-1066.	7.9	245

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73	The balance between feeling and knowing: affective and cognitive empathy are reflected in the brain's intrinsic functional dynamics. Social Cognitive and Affective Neuroscience, 2012, 7, 727-737.	3.0	237
74	Resting-State Functional Connectivity Indexes Reading Competence in Children and Adults. Journal of Neuroscience, 2011, 31, 8617-8624.	3.6	234
75	Intrinsic Functional Connectivity of Amygdala-Based Networks in Adolescent Generalized Anxiety Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 290-299.e2.	0.5	224
76	Entrainment of neural oscillations as a modifiable substrate of attention. Trends in Cognitive Sciences, 2014, 18, 300-309.	7.8	223
77	Ageâ€related nonâ€Gaussian diffusion patterns in the prefrontal brain. Journal of Magnetic Resonance Imaging, 2008, 28, 1345-1350.	3.4	221
78	Age of Methylphenidate Treatment Initiation in Children With ADHD and Later Substance Abuse: Prospective Follow-Up Into Adulthood. American Journal of Psychiatry, 2008, 165, 604-609.	7.2	220
79	Polymorphisms of the Dopamine D4 Receptor, Clinical Outcome, and Cortical Structure in Attention-Deficit/Hyperactivity Disorder. Archives of General Psychiatry, 2007, 64, 921.	12.3	219
80	Controlled Stimulant Treatment of ADHD and Comorbid Tourette's Syndrome: Effects of Stimulant and Dose. Journal of the American Academy of Child and Adolescent Psychiatry, 1997, 36, 589-596.	0.5	215
81	A preliminary study of functional connectivity in comorbid adolescent depression. Neuroscience Letters, 2009, 460, 227-231.	2.1	209
82	Reduced Interhemispheric Resting State Functional Connectivity in Cocaine Addiction. Biological Psychiatry, 2011, 69, 684-692.	1.3	209
83	Relationship Between Cingulo-Insular Functional Connectivity and Autistic Traits in Neurotypical Adults. American Journal of Psychiatry, 2009, 166, 891-899.	7.2	205
84	Examining Autistic Traits in Children with ADHD: Does the Autism Spectrum Extend to ADHD?. Journal of Autism and Developmental Disorders, 2011, 41, 1178-1191.	2.7	203
85	Childhood-onset schizophrenia: progressive brain changes during adolescence. Biological Psychiatry, 1999, 46, 892-898.	1.3	202
86	Broca's region: linking human brain functional connectivity data and nonâ€human primate tracing anatomy studies. European Journal of Neuroscience, 2010, 32, 383-398.	2.6	193
87	Attention-Deficit/Hyperactivity Disorder in a Population Isolate: Linkage to Loci at 4q13.2, 5q33.3, 11q22, and 17p11. American Journal of Human Genetics, 2004, 75, 998-1014.	6.2	192
88	Linking inter-individual differences in neural activation and behavior to intrinsic brain dynamics. NeuroImage, 2011, 54, 2950-2959.	4.2	192
89	Individual differences in functional connectivity during naturalistic viewing conditions. NeuroImage, 2017, 157, 521-530.	4.2	190
90	Striatum-Based Circuitry of Adolescent Depression and Anhedonia. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 628-641.e13.	0.5	184

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91	Lack of an association between a dopamine-4 receptor polymorphism and attention-deficit/hyperactivity disorder: genetic and brain morphometric analyses. Molecular Psychiatry, 1998, 3, 431-434.	7.9	180
92	Support for association between ADHD and two candidate genes:NET1andDRD1. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2005, 134B, 67-72.	1.7	180
93	Progressive Reduction of Temporal Lobe Structures in Childhood-Onset Schizophrenia. American Journal of Psychiatry, 1998, 155, 678-685.	7.2	177
94	Brain Gray Matter Deficits at 33-Year Follow-up in Adults With Attention-Deficit/Hyperactivity Disorder Established in Childhood. Archives of General Psychiatry, 2011, 68, 1122.	12.3	174
95	Metaâ€analysis of genomeâ€wide linkage scans of attention deficit hyperactivity disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 1392-1398.	1.7	160
96	A multivariate distance-based analytic framework for connectome-wide association studies. NeuroImage, 2014, 93, 74-94.	4.2	158
97	Preliminary evidence of altered gray and white matter microstructural development in the frontal lobe of adolescents with attentionâ€deficit hyperactivity disorder: A diffusional kurtosis imaging study. Journal of Magnetic Resonance Imaging, 2011, 33, 17-23.	3.4	154
98	The Extrinsic and Intrinsic Functional Architectures of the Human Brain Are Not Equivalent. Cerebral Cortex, 2013, 23, 223-229.	2.9	149
99	Movies in the magnet: Naturalistic paradigms in developmental functional neuroimaging. Developmental Cognitive Neuroscience, 2019, 36, 100600.	4.0	146
100	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3–90 years. Human Brain Mapping, 2022, 43, 431-451.	3.6	143
101	Residual functional connectivity in the split-brain revealed with resting-state functional MRI. NeuroReport, 2008, 19, 703-709.	1.2	142
102	The Age at Onset of Attention Deficit Hyperactivity Disorder. American Journal of Psychiatry, 2010, 167, 14-16.	7.2	138
103	Amygdalofrontal Functional Disconnectivity and Aggression in Schizophrenia. Schizophrenia Bulletin, 2010, 36, 1020-1028.	4.3	136
104	Involvement of the anterior thalamic radiation in boys with high functioning autism spectrum disorders: A Diffusion Tensor Imaging study. Brain Research, 2011, 1417, 77-86.	2.2	136
105	Decomposing Intra-Subject Variability in Children with Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2008, 64, 607-614.	1.3	133
106	Intrinsic Functional Connectivity in Attention-Deficit/Hyperactivity Disorder: A Science in Development. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 253-261.	1.5	132
107	"Multidimensionally Impaired Disorderâ€: Is It a Variant of Very Early-Onset Schizophrenia?. Journal of the American Academy of Child and Adolescent Psychiatry, 1998, 37, 91-99.	0.5	130
108	Connectivity trajectory across lifespan differentiates the precuneus from the default network. NeuroImage, 2014, 89, 45-56.	4.2	128

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109	Reading Networks at Rest. Cerebral Cortex, 2010, 20, 2549-2559.	2.9	126
110	Variability of human brain structure size: ages 4–20 years. Psychiatry Research - Neuroimaging, 1997, 74, 1-12.	1.8	121
111	Progressive Loss of Cerebellar Volume in Childhood-Onset Schizophrenia. American Journal of Psychiatry, 2003, 160, 128-133.	7.2	121
112	A Functional Magnetic Resonance Imaging Investigation of Uncertainty in Adolescents with Anxiety Disorders. Biological Psychiatry, 2008, 63, 563-568.	1.3	121
113	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. American Journal of Psychiatry, 2020, 177, 834-843.	7.2	120
114	Trends in the Prevalence and Incidence of Attention-Deficit/Hyperactivity Disorder Among Adults and Children of Different Racial and Ethnic Groups. JAMA Network Open, 2019, 2, e1914344.	5.9	118
115	Cerebrospinal Fluid Homovanillic Acid Predicts Behavioral Response to Stimulants in 45 Boys with Attention Deficit/Hyperactivity Disorder. Neuropsychopharmacology, 1996, 14, 125-137.	5.4	117
116	Top-Down Dysregulation—From ADHD to Emotional Instability. Frontiers in Behavioral Neuroscience, 2016, 10, 70.	2.0	116
117	White Matter Alterations at 33-Year Follow-Up in Adults with Childhood Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2013, 74, 591-598.	1.3	114
118	Neurobiology of Attention Deficit Hyperactivity Disorder. Child and Adolescent Psychiatric Clinics of North America, 2008, 17, 285-307.	1.9	111
119	Symptomatology of autism spectrum disorder in a population with neurofibromatosis type 1. Developmental Medicine and Child Neurology, 2013, 55, 131-138.	2.1	109
120	Attention deficit/hyperactivity disorder: characteristics, interventions and models. Neurotoxicology and Teratology, 2000, 22, 631-651.	2.4	108
121	Executive Function Oculomotor Tasks in Girls With ADHD. Journal of the American Academy of Child and Adolescent Psychiatry, 2000, 39, 644-650.	0.5	108
122	Brain iron levels in attention-deficit/hyperactivity disorder: A pilot MRI study. World Journal of Biological Psychiatry, 2012, 13, 223-231.	2.6	108
123	Abnormal Amygdala Functional Connectivity Associated With Emotional Lability in Children With Attention-Deficit/Hyperactivity Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2014, 53, 351-361.e1.	0.5	108
124	Contribution of LPHN3 to the genetic susceptibility to ADHD in adulthood: a replication study. Genes, Brain and Behavior, 2011, 10, 149-157.	2.2	103
125	Anatomic Brain Abnormalities in Monozygotic Twins Discordant for Attention Deficit Hyperactivity Disorder. American Journal of Psychiatry, 2003, 160, 1693-1696.	7.2	102
126	Naloxone-induced suppression of food intake in normal and hypothalamic obese rats. Pharmacology Biochemistry and Behavior, 1979, 11, 729-732.	2.9	100

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127	Genetic and Environmental Contributions to Functional Connectivity Architecture of the Human Brain. Cerebral Cortex, 2016, 26, 2341-2352.	2.9	100
128	Cortical Signatures of Dyslexia and Remediation: An Intrinsic Functional Connectivity Approach. PLoS ONE, 2013, 8, e55454.	2.5	99
129	ADHD in Girls: Clinical Comparability of a Research Sample. Journal of the American Academy of Child and Adolescent Psychiatry, 1999, 38, 40-47.	0.5	98
130	Strengthening Connections: Functional Connectivity and Brain Plasticity. Neuropsychology Review, 2014, 24, 63-76.	4.9	98
131	Research Review: Diffusion tensor imaging studies of attentionâ€deficit/hyperactivity disorder: metaâ€analyses and reflections on head motion. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2018, 59, 193-202.	5.2	98
132	Assessment of the impact of shared brain imaging data on the scientific literature. Nature Communications, 2018, 9, 2818.	12.8	95
133	Default mode network abnormalities in idiopathic generalized epilepsy. Epilepsy and Behavior, 2012, 23, 353-359.	1.7	94
134	Imaging Normal and Abnormal Brain Development: New Perspectives for Child Psychiatry. Australian and New Zealand Journal of Psychiatry, 2001, 35, 272-281.	2.3	92
135	Fronto-Temporal Spontaneous Resting State Functional Connectivity in Pediatric Bipolar Disorder. Biological Psychiatry, 2010, 68, 839-846.	1.3	91
136	Obesity in Men With Childhood ADHD: A 33-Year Controlled, Prospective, Follow-up Study. Pediatrics, 2013, 131, e1731-e1738.	2.1	90
137	APOE*E2 allele delays age of onset in PSEN1 E280A Alzheimer's disease. Molecular Psychiatry, 2016, 21, 916-924.	7.9	89
138	Neural and behavioral correlates of expectancy violations in attention-deficit hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2007, 48, 881-889.	5.2	88
139	An fMRI examination of developmental differences in the neural correlates of uncertainty and decision-making. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2006, 47, 1023-1030.	5.2	84
140	Systematic Review and Meta-analysis: Resting-State Functional Magnetic Resonance Imaging Studies of Attention-Deficit/Hyperactivity Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 61-75.	0.5	83
141	Does Childhood Attention-Deficit/Hyperactivity Disorder Predict Risk-Taking and Medical Illnesses in Adulthood?. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 153-162.e4.	0.5	82
142	Disrupted intrinsic functional brain topology in patients with major depressive disorder. Molecular Psychiatry, 2021, 26, 7363-7371.	7.9	82
143	The Restless Brain: Attention-Deficit Hyperactivity Disorder, Resting—State Functional Connectivity, and Intrasubject Variability. Canadian Journal of Psychiatry, 2009, 54, 665-672.	1.9	80
144	Dimensional Brain-Behavior Relationships in Children with Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2012, 71, 434-442.	1.3	80

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145	Recent advances in structural and functional brain imaging studies of attention-deficit/hyperactivity disorder. Current Psychiatry Reports, 2007, 9, 401-407.	4.5	78
146	Neurologic Examination Abnormalities in Children with Bipolar Disorder or Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2005, 58, 517-524.	1.3	76
147	Altered resting-state dynamic functional brain networks in major depressive disorder: Findings from the REST-meta-MDD consortium. NeuroImage: Clinical, 2020, 26, 102163.	2.7	76
148	Greater male than female variability in regional brain structure across the lifespan. Human Brain Mapping, 2022, 43, 470-499.	3.6	76
149	Smooth pursuit eye movements in childhood-onset schizophrenia: Comparison with attention-deficit hyperactivity disorder and normal controls. Biological Psychiatry, 1996, 40, 1144-1154.	1.3	74
150	Double-Blind, Placebo-Controlled Study of Single-Dose Amphetamine Formulations in ADHD. Journal of the American Academy of Child and Adolescent Psychiatry, 2001, 40, 1268-1276.	0.5	74
151	Data-Driven Phenotypic Categorization for Neurobiological Analyses: Beyond DSM-5 Labels. Biological Psychiatry, 2017, 81, 484-494.	1.3	74
152	Latent Class Subtyping of Attention-Deficit/Hyperactivity Disorder and Comorbid Conditions. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 797-807.	0.5	73
153	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3–90 years. Human Brain Mapping, 2022, 43, 452-469.	3.6	72
154	Neuroimaging of Attention-Deficit/Hyperactivity Disorder: Current Neuroscience-Informed Perspectives for Clinicians. Current Psychiatry Reports, 2012, 14, 568-578.	4.5	70
155	Attention-Deficit/Hyperactivity Disorder and Comorbid Disruptive Behavior Disorders: Evidence of Pleiotropy and New Susceptibility Loci. Biological Psychiatry, 2007, 61, 1329-1339.	1.3	69
156	Cognitive variability in adults with ADHD and AS: Disentangling the roles of executive functions and social cognition. Research in Developmental Disabilities, 2013, 34, 817-830.	2.2	69
157	Speechâ€production measures of speech perception: Rapid shadowing of VCV syllables. Journal of the Acoustical Society of America, 1980, 67, 1349-1356.	1.1	68
158	Altered performance on an ocular fixation task in attention-deficit/hyperactivity disorder. Biological Psychiatry, 2001, 50, 633-635.	1.3	68
159	Cannabinoid treatment for autism: a proof-of-concept randomized trial. Molecular Autism, 2021, 12, 6.	4.9	68
160	Multimodal MR Imaging of Brain Iron in Attention Deficit Hyperactivity Disorder: A Noninvasive Biomarker That Responds to Psychostimulant Treatment?. Radiology, 2014, 272, 524-532.	7.3	66
161	A Meta-Analysis of Neuropsychological Functioning in Patients with Early Onset Schizophrenia and Pediatric Bipolar Disorder. Journal of Clinical Child and Adolescent Psychology, 2011, 40, 266-280.	3.4	65
162	The relationship between ADHD and obesity: implications for therapy. Expert Review of Neurotherapeutics, 2014, 14, 473-479.	2.8	65

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163	Differential Development of Human Brain White Matter Tracts. PLoS ONE, 2011, 6, e23437.	2.5	64
164	Short-term test–retest reliability of resting state fMRI metrics in children with and without attention-deficit/hyperactivity disorder. Developmental Cognitive Neuroscience, 2015, 15, 83-93.	4.0	64
165	Aberrant development of intrinsic brain activity in a rat model of caregiver maltreatment of offspring. Translational Psychiatry, 2017, 7, e1005-e1005.	4.8	63
166	Pedigree disequilibrium test (PDT) replicates association and linkage between DRD4 and ADHD in multigenerational and extended pedigrees from a genetic isolate. Molecular Psychiatry, 2004, 9, 252-259.	7.9	61
167	A Randomized, Double-Blind, Placebo-Controlled Trial of Metoclopramide for the Treatment of Tourette's Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2005, 44, 640-646.	0.5	61
168	Large-scale brain functional network topology disruptions underlie symptom heterogeneity in children with attention-deficit/hyperactivity disorder. NeuroImage: Clinical, 2019, 21, 101600.	2.7	61
169	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
170	Molecular genetic studies of ADHD: 1991 to 2004. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 551-565.	1.7	60
171	A Case of Pediatric Autoimmune Neuropsychiatric Disorders Associated With Streptococcal Infections. American Journal of Psychiatry, 1998, 155, 1592-1598.	7.2	59
172	Annual Research Review: Discovery science strategies in studies of the pathophysiology of child and adolescent psychiatric disorders ―promises and limitations. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 421-439.	5.2	58
173	Altered default network resting state functional connectivity in patients with a first episode of psychosis. Schizophrenia Research, 2012, 139, 13-18.	2.0	56
174	Resting State Functional Connectivity Correlates of Inhibitory Control in Children with Attention-Deficit/Hyperactivity Disorder. Frontiers in Psychiatry, 2011, 2, 83.	2.6	56
175	Effects of caffeine on development and behavior in infancy and childhood: a review of the published literature. Food and Chemical Toxicology, 2002, 40, 1235-1242.	3.6	55
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