

# Katya Rubia

## List of Publications by Year in descending order

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212  
papers

25,322  
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3933

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232  
docs citations

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#	ARTICLE	IF	CITATIONS
1	Hypofrontality in Attention Deficit Hyperactivity Disorder During Higher-Order Motor Control: A Study With Functional MRI. <i>American Journal of Psychiatry</i> , 1999, 156, 891-896.	7.2	926
2	Mapping Motor Inhibition: Conjunctive Brain Activations across Different Versions of Go/No-Go and Stop Tasks. <i>NeuroImage</i> , 2001, 13, 250-261.	4.2	869
3	Right inferior prefrontal cortex mediates response inhibition while mesial prefrontal cortex is responsible for error detection. <i>NeuroImage</i> , 2003, 20, 351-358.	4.2	737
4	Meta-analysis of Functional Magnetic Resonance Imaging Studies of Inhibition and Attention in Attention-deficit/Hyperactivity Disorder. <i>JAMA Psychiatry</i> , 2013, 70, 185.	11.0	580
5	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , 2017, 4, 310-319.	7.4	565
6	Progressive increase of frontostriatal brain activation from childhood to adulthood during event-related tasks of cognitive control. <i>Human Brain Mapping</i> , 2006, 27, 973-993.	3.6	527
7	Functional frontalisation with age: mapping neurodevelopmental trajectories with fMRI. <i>Neuroscience and Biobehavioral Reviews</i> , 2000, 24, 13-19.	6.1	502
8	Gray Matter Volume Abnormalities in ADHD: Voxel-Based Meta-Analysis Exploring the Effects of Age and Stimulant Medication. <i>American Journal of Psychiatry</i> , 2011, 168, 1154-1163.	7.2	498
9	Neuroimaging of child abuse: a critical review. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 52.	2.0	492
10	The World Federation of ADHD International Consensus Statement: 208 Evidence-based conclusions about the disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 789-818.	6.1	483
11	Abnormal Brain Activation During Inhibition and Error Detection in Medication-Naive Adolescents With ADHD. <i>American Journal of Psychiatry</i> , 2005, 162, 1067-1075.	7.2	479
12	A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. <i>ELife</i> , 2019, 8, .	6.0	479
13	Neurobiological Circuits Regulating Attention, Cognitive Control, Motivation, and Emotion: Disruptions in Neurodevelopmental Psychiatric Disorders. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2012, 51, 356-367.	0.5	424
14	A review of fronto-striatal and fronto-cortical brain abnormalities in children and adults with Attention Deficit Hyperactivity Disorder (ADHD) and new evidence for dysfunction in adults with ADHD during motivation and attention. <i>Cortex</i> , 2012, 48, 194-215.	2.4	406
15	Linear age-related functional development of right inferior fronto-striato-cerebellar networks during response inhibition and anterior cingulate during error-related processes. <i>Human Brain Mapping</i> , 2007, 28, 1163-1177.	3.6	380
16	Cool-Inferior Frontostriatal Dysfunction in Attention-Deficit/Hyperactivity Disorder Versus Hot-Ventromedial Orbitofrontal-Limbic Dysfunction in Conduct Disorder: A Review. <i>Biological Psychiatry</i> , 2011, 69, e69-e87.	1.3	379
17	Cortical and Subcortical Brain Morphometry Differences Between Patients With Autism Spectrum Disorder and Healthy Individuals Across the Lifespan: Results From the ENIGMA ASD Working Group. <i>American Journal of Psychiatry</i> , 2018, 175, 359-369.	7.2	356
18	Methylphenidate normalises activation and functional connectivity deficits in attention and motivation networks in medication-naïve children with ADHD during a rewarded continuous performance task. <i>Neuropharmacology</i> , 2009, 57, 640-652.	4.1	338

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19	Structural and Functional Brain Abnormalities in Attention-Deficit/Hyperactivity Disorder and Obsessive-Compulsive Disorder. <i>JAMA Psychiatry</i> , 2016, 73, 815.	11.0	326
20	Neural Correlates of Executive Function in Autistic Spectrum Disorders. <i>Biological Psychiatry</i> , 2006, 59, 7-16.	1.3	302
21	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5154-E5163.	7.1	299
22	Disorder-Specific Dissociation of Orbitofrontal Dysfunction in Boys With Pure Conduct Disorder During Reward and Ventrolateral Prefrontal Dysfunction in Boys With Pure ADHD During Sustained Attention. <i>American Journal of Psychiatry</i> , 2009, 166, 83-94.	7.2	297
23	Anisotropic Kernels for Coordinate-Based Meta-Analyses of Neuroimaging Studies. <i>Frontiers in Psychiatry</i> , 2014, 5, 13.	2.6	286
24	Gray Matter Abnormalities in Childhood Maltreatment: A Voxel-Wise Meta-Analysis. <i>American Journal of Psychiatry</i> , 2014, 171, 854-863.	7.2	284
25	Atomoxetine Modulates Right Inferior Frontal Activation During Inhibitory Control: A Pharmacological Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2009, 65, 550-555.	1.3	274
26	Evidence for a pure time perception deficit in children with ADHD. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2002, 43, 529-542.	5.2	261
27	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , 2019, 176, 531-542.	7.2	261
28	Impulsiveness as a timing disturbance: neurocognitive abnormalities in attention-deficit hyperactivity disorder during temporal processes and normalization with methylphenidate. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1919-1931.	4.0	258
29	Task-Specific Hypoactivation in Prefrontal and Temporoparietal Brain Regions During Motor Inhibition and Task Switching in Medication-Naive Children and Adolescents With Attention Deficit Hyperactivity Disorder. <i>American Journal of Psychiatry</i> , 2006, 163, 1044-1051.	7.2	257
30	Timing deficits in attention-deficit/hyperactivity disorder (ADHD): Evidence from neurocognitive and neuroimaging studies. <i>Neuropsychologia</i> , 2013, 51, 235-266.	1.6	253
31	Impaired response inhibition in obsessive compulsive disorder. <i>European Psychiatry</i> , 2007, 22, 404-410.	0.2	247
32	Exploring the Social Brain in Schizophrenia: Left Prefrontal Underactivation During Mental State Attribution. <i>American Journal of Psychiatry</i> , 2000, 157, 2040-2042.	7.2	235
33	Maturation of limbic corticostriatal activation and connectivity associated with developmental changes in temporal discounting. <i>NeuroImage</i> , 2011, 54, 1344-1354.	4.2	231
34	Neuropsychological analyses of impulsiveness in childhood hyperactivity. <i>British Journal of Psychiatry</i> , 2001, 179, 138-143.	2.8	227
35	Effects of Stimulants on Brain Function in Attention-Deficit/Hyperactivity Disorder: A Systematic Review and Meta-Analysis. <i>Biological Psychiatry</i> , 2014, 76, 616-628.	1.3	226
36	Cognitive Neuroscience of Attention Deficit Hyperactivity Disorder (ADHD) and Its Clinical Translation. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 100.	2.0	216

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37	The neurobiology of Meditation and its clinical effectiveness in psychiatric disorders. <i>Biological Psychology</i> , 2009, 82, 1-11.	2.2	214
38	Meta-analysis of fMRI studies of timing in attention-deficit hyperactivity disorder (ADHD). <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 2248-2256.	6.1	209
39	Reduced activation and inter-regional functional connectivity of fronto-striatal networks in adults with childhood Attention-Deficit Hyperactivity Disorder (ADHD) and persisting symptoms during tasks of motor inhibition and cognitive switching. <i>Journal of Psychiatric Research</i> , 2010, 44, 629-639.	3.1	204
40	Striatal Dopamine Transporter Alterations in ADHD: Pathophysiology or Adaptation to Psychostimulants? A Meta-Analysis. <i>American Journal of Psychiatry</i> , 2012, 169, 264-272.	7.2	198
41	Functional brain imaging across development. <i>European Child and Adolescent Psychiatry</i> , 2013, 22, 719-731.	4.7	197
42	Induction of Psychosis by $\delta^9$ -Tetrahydrocannabinol Reflects Modulation of Prefrontal and Striatal Function During Attentional Salience Processing. <i>Archives of General Psychiatry</i> , 2012, 69, 27.	12.3	193
43	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). <i>Brain</i> , 2020, 143, 1674-1685.	7.6	188
44	Neural Basis of $\delta^9$ -Tetrahydrocannabinol and Cannabidiol: Effects During Response Inhibition. <i>Biological Psychiatry</i> , 2008, 64, 966-973.	1.3	179
45	Performance of Children with Attention Deficit Hyperactivity Disorder (ADHD) on a Test Battery of Impulsiveness. <i>Child Neuropsychology</i> , 2007, 13, 276-304.	1.3	177
46	Inhibitory dysfunction in hyperactive boys. <i>Behavioural Brain Research</i> , 1998, 94, 25-32.	2.2	174
47	Neuroelectric mapping reveals precursor of stop failures in children with attention deficits. <i>Behavioural Brain Research</i> , 1998, 94, 111-125.	2.2	168
48	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019, 10, 4958.	12.8	167
49	An fMRI study of reduced left prefrontal activation in schizophrenia during normal inhibitory function. <i>Schizophrenia Research</i> , 2001, 52, 47-55.	2.0	163
50	Reliability and plasticity of response inhibition and interference control. <i>Brain and Cognition</i> , 2013, 81, 82-94.	1.8	162
51	Dissociated Functional Brain Abnormalities of Inhibition in Boys With Pure Conduct Disorder and in Boys With Pure Attention Deficit Hyperactivity Disorder. <i>American Journal of Psychiatry</i> , 2008, 165, 889-897.	7.2	154
52	Motor timing deficits in community and clinical boys with hyperactive behavior: the effect of methylphenidate on motor timing. <i>Journal of Abnormal Child Psychology</i> , 2003, 31, 301-313.	3.5	153
53	Temporal Lobe Dysfunction in Medication-Naïve Boys With Attention-Deficit/Hyperactivity Disorder During Attention Allocation and Its Relation to Response Variability. <i>Biological Psychiatry</i> , 2007, 62, 999-1006.	1.3	152
54	Methylphenidate Normalizes Fronto-Striatal Underactivation During Interference Inhibition in Medication-Naïve Boys with Attention-Deficit Hyperactivity Disorder. <i>Neuropsychopharmacology</i> , 2011, 36, 1575-1586.	5.4	149

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55	Tryptophan depletion reduces right inferior prefrontal activation during response inhibition in fast, event-related fMRI. <i>Psychopharmacology</i> , 2005, 179, 791-803.	3.1	148
56	Disorder-specific inferior prefrontal hypofunction in boys with pure attention-deficit/hyperactivity disorder compared to boys with pure conduct disorder during cognitive flexibility. <i>Human Brain Mapping</i> , 2010, 31, 1823-1833.	3.6	148
57	Investigation of cool and hot executive function in ODD/CD independently of ADHD. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2011, 52, 1035-1043.	5.2	148
58	Neural correlates of reward in autism. <i>British Journal of Psychiatry</i> , 2008, 192, 19-24.	2.8	142
59	The effects of prefrontal cortex transcranial direct current stimulation (tDCS) on food craving and temporal discounting in women with frequent food cravings. <i>Appetite</i> , 2014, 78, 55-62.	3.7	142
60	Methylphenidate Normalizes Frontocingulate Underactivation During Error Processing in Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2011, 70, 255-262.	1.3	140
61	Brain activation in paediatric obsessive-compulsive disorder during tasks of inhibitory control. <i>British Journal of Psychiatry</i> , 2008, 192, 25-31.	2.8	138
62	Comparative meta-analyses of brain structural and functional abnormalities during cognitive control in attention-deficit/hyperactivity disorder and autism spectrum disorder. <i>Psychological Medicine</i> , 2020, 50, 894-919.	4.5	138
63	Neural correlates of switching set as measured in fast, event-related functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 2004, 21, 247-256.	3.6	136
64	Comparative Multimodal Meta-analysis of Structural and Functional Brain Abnormalities in Autism Spectrum Disorder and Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2017, 82, 83-102.	1.3	136
65	Towards an understanding of unique and shared pathways in the psychopathophysiology of ADHD. <i>Developmental Science</i> , 2005, 8, 132-140.	2.4	135
66	Meta-Analysis of fMRI Studies of Disruptive Behavior Disorders. <i>American Journal of Psychiatry</i> , 2016, 173, 1119-1130.	7.2	133
67	Effects of age and sex on developmental neural networks of visual-spatial attention allocation. <i>NeuroImage</i> , 2010, 51, 817-827.	4.2	132
68	A right hemispheric frontocerebellar network for time discrimination of several hundreds of milliseconds. <i>NeuroImage</i> , 2003, 20, 344-350.	4.2	128
69	Response Inhibition and Reward Response Bias Mediate the Predictive Relationships Between Impulsivity and Sensation Seeking and Common and Unique Variance in Conduct Disorder and Substance Misuse. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 140-155.	2.4	128
70	Frontal lobe structure and executive function in migraine patients. <i>Neuroscience Letters</i> , 2008, 440, 92-96.	2.1	127
71	The dynamic approach to neurodevelopmental psychiatric disorders: use of fMRI combined with neuropsychology to elucidate the dynamics of psychiatric disorders, exemplified in ADHD and schizophrenia. <i>Behavioural Brain Research</i> , 2002, 130, 47-56.	2.2	126
72	Sahaja Yoga Meditation as a Family Treatment Programme for Children with Attention Deficit-Hyperactivity Disorder. <i>Clinical Child Psychology and Psychiatry</i> , 2004, 9, 479-497.	1.6	126

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73	Shared and disorder-specific prefrontal abnormalities in boys with pure attention-deficit/hyperactivity disorder compared to boys with pure CD during interference inhibition and attention allocation. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2009, 50, 669-678.	5.2	125
74	Prefrontal involvement in temporal bridging and timing movement. <i>Neuropsychologia</i> , 1998, 36, 1283-1293.	1.6	124
75	Associations between trait impulsivity and prepotent response inhibition. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012, 34, 1016-1032.	1.3	124
76	Disorder-specific dysfunction in right inferior prefrontal cortex during two inhibition tasks in boys with attention-deficit hyperactivity disorder compared to boys with obsessive-compulsive disorder. <i>Human Brain Mapping</i> , 2010, 31, 287-299.	3.6	122
77	Error Processing and Inhibitory Control in Obsessive-Compulsive Disorder: A Meta-analysis Using Statistical Parametric Maps. <i>Biological Psychiatry</i> , 2019, 85, 713-725.	1.3	122
78	Reduced activation in lateral prefrontal cortex and anterior cingulate during attention and cognitive control functions in medication-naïve adolescents with depression compared to controls. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2009, 50, 307-316.	5.2	121
79	Sex-dependent age modulation of frontostriatal and temporo-parietal activation during cognitive control. <i>NeuroImage</i> , 2009, 48, 223-236.	4.2	121
80	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020, 177, 834-843.	7.2	120
81	A functional magnetic resonance imaging study of inhibitory control in obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 202-209.	1.8	114
82	Synchronization, Anticipation, and Consistency in Motor Timing of Children with Dimensionally Defined Attention Deficit Hyperactivity Behaviour. <i>Perceptual and Motor Skills</i> , 1999, 89, 1237-1258.	1.3	113
83	Effects of age and gender on neural networks of motor response inhibition: From adolescence to mid-adulthood. <i>NeuroImage</i> , 2013, 83, 690-703.	4.2	109
84	Pattern classification of response inhibition in ADHD: Toward the development of neurobiological markers for ADHD. <i>Human Brain Mapping</i> , 2014, 35, 3083-3094.	3.6	104
85	Imaging the ADHD brain: disorder-specificity, medication effects and clinical translation. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 519-538.	2.8	103
86	The neural correlates of cognitive time management: a review. <i>Acta Neurobiologiae Experimentalis</i> , 2004, 64, 329-40.	0.7	101
87	Real-time fMRI neurofeedback in adolescents with attention deficit hyperactivity disorder. <i>Human Brain Mapping</i> , 2017, 38, 3190-3209.	3.6	99
88	Neural and Psychological Maturation of Decision-making in Adolescence and Young Adulthood. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1807-1823.	2.3	98
89	Dissociable functional connectivity changes during the Stroop task relating to risk, resilience and disease expression in bipolar disorder. <i>NeuroImage</i> , 2011, 57, 576-582.	4.2	93
90	Right Ventromedial and Dorsolateral Prefrontal Cortices Mediate Adaptive Decisions under Ambiguity by Integrating Choice Utility and Outcome Evaluation. <i>Journal of Neuroscience</i> , 2009, 29, 11020-11028.	3.6	91

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91	Neuro-anatomic evidence for the maturational delay hypothesis of ADHD. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19663-19664.	7.1	90
92	Shared and Drug-Specific Effects of Atomoxetine and Methylphenidate on Inhibitory Brain Dysfunction in Medication-Naive ADHD Boys. Cerebral Cortex, 2014, 24, 174-185.	2.9	89
93	Fronto-Striato-Cerebellar Dysregulation in Adolescents with Depression During Motivated Attention. Biological Psychiatry, 2012, 71, 59-67.	1.3	87
94	Disorder-specific functional abnormalities during temporal discounting in youth with Attention Deficit Hyperactivity Disorder (ADHD), Autism and comorbid ADHD and Autism. Psychiatry Research - Neuroimaging, 2014, 223, 113-120.	1.8	87
95	Disorder-Specific Predictive Classification of Adolescents with Attention Deficit Hyperactivity Disorder (ADHD) Relative to Autism Using Structural Magnetic Resonance Imaging. PLoS ONE, 2013, 8, e63660.	2.5	85
96	Functional connectivity changes associated with fMRI neurofeedback of right inferior frontal cortex in adolescents with ADHD. NeuroImage, 2019, 188, 43-58.	4.2	84
97	Disorder-specific dysfunctions in patients with attention-deficit/hyperactivity disorder compared to patients with obsessive-compulsive disorder during interference inhibition and attention allocation. Human Brain Mapping, 2011, 32, 601-611.	3.6	81
98	Fronto-striatal underactivation during interference inhibition and attention allocation in grown up children with attention deficit/hyperactivity disorder and persistent symptoms. Psychiatry Research - Neuroimaging, 2011, 193, 17-27.	1.8	80
99	Reduced activation in right lateral prefrontal cortex and anterior cingulate gyrus in medication-naïve adolescents with attention deficit hyperactivity disorder during time discrimination. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2008, 49, 977-985.	5.2	78
100	Developmental effects of reward on sustained attention networks. NeuroImage, 2011, 56, 1693-1704.	4.2	75
101	Increased Grey Matter Associated with Long-Term Sahaja Yoga Meditation: A Voxel-Based Morphometry Study. PLoS ONE, 2016, 11, e0150757.	2.5	72
102	Altered functional neuroanatomy of response inhibition in adolescent males who were born very preterm. Developmental Medicine and Child Neurology, 2006, 48, 265-271.	2.1	70
103	Neural Correlates of Error Processing in Young People With a History of Severe Childhood Abuse: An fMRI Study. American Journal of Psychiatry, 2015, 172, 892-900.	7.2	66
104	A Randomised Controlled Trial of Neuronavigated Repetitive Transcranial Magnetic Stimulation (rTMS) in Anorexia Nervosa. PLoS ONE, 2016, 11, e0148606.	2.5	66
105	Familial and disease specific abnormalities in the neural correlates of the Stroop Task in Bipolar Disorder. NeuroImage, 2011, 56, 1677-1684.	4.2	64
106	Structural and functional brain imaging in adult attention-deficit/hyperactivity disorder. Expert Review of Neurotherapeutics, 2010, 10, 603-620.	2.8	63
107	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. Human Brain Mapping, 2022, 43, 37-55.	3.6	61
108	Heterozygous PAX6 mutation, adult brain structure and fronto-striato-thalamic function in a human family. European Journal of Neuroscience, 2004, 19, 1505-1512.	2.6	59

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109	Real-time fMRI neurofeedback to down-regulate superior temporal gyrus activity in patients with schizophrenia and auditory hallucinations: a proof-of-concept study. <i>Translational Psychiatry</i> , 2018, 8, 46.	4.8	58
110	Abnormal Functional Activation and Maturation of Fronto-Striato-Temporal and Cerebellar Regions During Sustained Attention in Autism Spectrum Disorder. <i>American Journal of Psychiatry</i> , 2014, 171, 1107-1116.	7.2	57
111	Conduct Problems in Adolescence: Three Domains of Inhibition and Effect of Gender. <i>Developmental Neuropsychology</i> , 2006, 30, 659-695.	1.4	56
112	Methylphenidate Effects on Neural Activity During Response Inhibition in Healthy Humans. <i>Cerebral Cortex</i> , 2013, 23, 1179-1189.	2.9	55
113	Methylphenidate Effects on Prefrontal Functioning During Attentional-Capture and Response Inhibition. <i>Biological Psychiatry</i> , 2012, 72, 142-149.	1.3	54
114	Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder Symptoms Are Stratified by MAOA Genotype. <i>Biological Psychiatry</i> , 2013, 74, 607-614.	1.3	54
115	Sex Differences in COMT Polymorphism Effects on Prefrontal Inhibitory Control in Adolescence. <i>Neuropsychopharmacology</i> , 2014, 39, 2560-2569.	5.4	53
116	The neural basis of response inhibition and attention allocation as mediated by gestational age. <i>Human Brain Mapping</i> , 2009, 30, 1038-1050.	3.6	51
117	Gray Matter and Functional Connectivity in Anterior Cingulate Cortex are Associated with the State of Mental Silence During Sahaja Yoga Meditation. <i>Neuroscience</i> , 2018, 371, 395-406.	2.3	51
118	Inferior Frontal Cortex Modulation with an Acute Dose of Heroin During Cognitive Control. <i>Neuropsychopharmacology</i> , 2013, 38, 2231-2239.	5.4	50
119	Noninvasive brain stimulation in children and adults with attention-deficit/hyperactivity disorder: a systematic review and meta-analysis. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E14-E33.	2.4	50
120	Response inhibition and serotonin in autism: a functional MRI study using acute tryptophan depletion. <i>Brain</i> , 2014, 137, 2600-2610.	7.6	48
121	Inverse fluoxetine effects on inhibitory brain activation in non-comorbid boys with ADHD and with ASD. <i>Psychopharmacology</i> , 2015, 232, 2071-2082.	3.1	46
122	Inverse Effect of Fluoxetine on Medial Prefrontal Cortex Activation During Reward Reversal in ADHD and Autism. <i>Cerebral Cortex</i> , 2015, 25, 1757-1770.	2.9	41
123	Neurofunctional Effects of Methylphenidate and Atomoxetine in Boys with Attention-Deficit/Hyperactivity Disorder During Time Discrimination. <i>Biological Psychiatry</i> , 2013, 74, 615-622.	1.3	40
124	Analysis of structural brain asymmetries in attention-deficit/hyperactivity disorder in 39 datasets. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 1202-1219.	5.2	40
125	Time estimation as a neuronal network property. <i>NeuroReport</i> , 1997, 8, 1273-1276.	1.2	39
126	Aberrant structural connectivity in childhood maltreatment: A meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 406-414.	6.1	39



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127	Neurofunctional abnormalities in antisocial spectrum: A meta-analysis of fMRI studies on Five distinct neurocognitive research domains. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 168-183.	6.1	38
128	Shared and disorder-specific task-positive and default mode network dysfunctions during sustained attention in paediatric Attention-Deficit/Hyperactivity Disorder and obsessive/compulsive disorder. <i>NeuroImage: Clinical</i> , 2017, 15, 181-193.	2.7	36
129	Methylphenidate and atomoxetine normalise fronto-parietal underactivation during sustained attention in ADHD adolescents. <i>European Neuropsychopharmacology</i> , 2019, 29, 1102-1116.	0.7	36
130	Identifying mechanisms that underlie links between <i>COMT</i> genotype and aggression in male adolescents with ADHD. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 472-480.	5.2	35
131	Brain abnormalities in attention-deficit hyperactivity disorder: a review. <i>Revista De Neurologia</i> , 2014, 58 Suppl 1, S3-16.	7.8	35
132	Reduced functional connectivity of fronto-parietal sustained attention networks in severe childhood abuse. <i>PLoS ONE</i> , 2017, 12, e0188744.	2.5	33
133	Functional Development of Fronto-Striato-Parietal Networks Associated with Time Perception. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 136.	2.0	32
134	Predictive Neurofunctional Markers of Attention-Deficit/Hyperactivity Disorder Based on Pattern Classification of Temporal Processing. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 569-578.e1.	0.5	31
135	Frontostriatal Dysfunction During Decision Making in Attention-Deficit/Hyperactivity Disorder and Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 694-703.	1.5	31
136	Testing the specificity of executive functioning impairments in adolescents with ADHD, ODD/CD and ASD. <i>European Child and Adolescent Psychiatry</i> , 2018, 27, 899-908.	4.7	31
137	Inattentive/overactive children with histories of profound institutional deprivation compared with standard ADHD cases: a brief report. <i>Child: Care, Health and Development</i> , 2008, 34, 596-602.	1.7	30
138	Abnormal Centroparietal ERP Response in Predominantly Medication-Naive Adolescent Boys With ADHD During Both Response Inhibition and Execution. <i>Journal of Clinical Neurophysiology</i> , 2012, 29, 181-189.	1.7	29
139	Neurofunctional Abnormalities during Sustained Attention in Severe Childhood Abuse. <i>PLoS ONE</i> , 2016, 11, e0165547.	2.5	29
140	Shared and Disorder-Specific Neurocomputational Mechanisms of Decision-Making in Autism Spectrum Disorder and Obsessive-Compulsive Disorder. <i>Cerebral Cortex</i> , 2017, 27, 5804-5816.	2.9	29
141	Monitoring the Neural Activity of the State of Mental Silence While Practicing <i>Sahaja</i> Yoga Meditation. <i>Journal of Alternative and Complementary Medicine</i> , 2015, 21, 175-179.	2.1	27
142	Neural dysfunction during temporal discounting in paediatric Attention-Deficit/Hyperactivity Disorder and Obsessive-Compulsive Disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017, 269, 97-105.	1.8	27
143	Anterior insula hyperactivation in ADHD when faced with distracting negative stimuli. <i>Human Brain Mapping</i> , 2018, 39, 2972-2986.	3.6	27
144	Effects of computerized cognitive training as add-on treatment to stimulants in ADHD: a pilot fMRI study. <i>Brain Imaging and Behavior</i> , 2020, 14, 1933-1944.	2.1	27

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145	5-HT, prefrontal function and aging: fMRI of inhibition and acute tryptophan depletion. <i>Neurobiology of Aging</i> , 2009, 30, 1135-1146.	3.1	26
146	Abnormal functional activation and maturation of ventromedial prefrontal cortex and cerebellum during temporal discounting in autism spectrum disorder. <i>Human Brain Mapping</i> , 2017, 38, 5343-5355.	3.6	26
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