Katya Rubia

List of Publications by Citations

203 papers	19,499 citations	81 h-index	138 g-index
232 ext. papers	22,734 ext. citations	5.3 avg, IF	7 L-index

#	Paper	IF	Citations
203	Hypofrontality in attention deficit hyperactivity disorder during higher-order motor control: a study with functional MRI. *American Journal of Psychiatry*, **1999**, 156, 891-6	11.9	800
202	Mapping motor inhibition: conjunctive brain activations across different versions of go/no-go and stop tasks. *NeuroImage*, **2001**, 13, 250-61	7.9	785
201	Right inferior prefrontal cortex mediates response inhibition while mesial prefrontal cortex is responsible for error detection. *NeuroImage*, **2003**, 20, 351-8	7.9	639
200	Progressive increase of frontostriatal brain activation from childhood to adulthood during event-related tasks of cognitive control. *Human Brain Mapping*, **2006**, 27, 973-93	5.9	458
199	Functional frontalisation with age: mapping neurodevelopmental trajectories with fMRI. *Neuroscience and Biobehavioral Reviews*, **2000**, 24, 13-9	9	443
198	Meta-analysis of functional magnetic resonance imaging studies of inhibition and attention in attention-deficit/hyperactivity disorder: exploring task-specific, stimulant medication, and age effects. *JAMA Psychiatry*, **2013**, 70, 185-98	14.5	430
197	Abnormal brain activation during inhibition and error detection in medication-naive adolescents with ADHD. *American Journal of Psychiatry*, **2005**, 162, 1067-75	11.9	415
196	Gray matter volume abnormalities in ADHD: voxel-based meta-analysis exploring the effects of age and stimulant medication. *American Journal of Psychiatry*, **2011**, 168, 1154-63	11.9	406
195	Neuroimaging of child abuse: a critical review. *Frontiers in Human Neuroscience*, **2012**, 6, 52	3.3	378
194	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	23.3	354
193	Linear age-correlated functional development of right inferior fronto-striato-cerebellar networks during response inhibition and anterior cingulate during error-related processes. *Human Brain Mapping*, **2007**, 28, 1163-77	5.9	339
192	Neurobiological circuits regulating attention, cognitive control, motivation, and emotion: disruptions in neurodevelopmental psychiatric disorders. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2012**, 51, 356-67	7.2	326
191	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. *Cortex*, **2012**, 48, 194-215	3.8	317
190	"Cool" inferior frontostriatal dysfunction in attention-deficit/hyperactivity disorder versus "hot" ventromedial orbitofrontal-limbic dysfunction in conduct disorder: a review. *Biological Psychiatry*, **2011**, 69, e69-87	7.9	305
189	Methylphenidate normalises activation and functional connectivity deficits in attention and motivation networks in medication-naïve children with ADHD during a rewarded continuous performance task. *Neuropharmacology*, **2009**, 57, 640-52	5.5	286
188	Neural correlates of executive function in autistic spectrum disorders. *Biological Psychiatry*, **2006**, 59, 7-16	7.9	260
187	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. *American Journal of Psychiatry*, **2009**, 166, 83-94	11.9	259

186	A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. *ELife*, **2019**, 8,	8.9	234
185	Atomoxetine modulates right inferior frontal activation during inhibitory control: a pharmacological functional magnetic resonance imaging study. *Biological Psychiatry*, **2009**, 65, 550-5	7.9	232
184	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. *American Journal of Psychiatry*, **2006**, 163, 1044-51	11.9	230
183	Evidence for a pure time perception deficit in children with ADHD. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2002**, 43, 529-42	7.9	223
182	Impulsiveness as a timing disturbance: neurocognitive abnormalities in attention-deficit hyperactivity disorder during temporal processes and normalization with methylphenidate. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2009**, 364, 1919-31	5.8	217
181	Exploring the social brain in schizophrenia: left prefrontal underactivation during mental state attribution. *American Journal of Psychiatry*, **2000**, 157, 2040-2	11.9	211
180	Structural and Functional Brain Abnormalities in Attention-Deficit/Hyperactivity Disorder and Obsessive-Compulsive Disorder: A Comparative Meta-analysis. *JAMA Psychiatry*, **2016**, 73, 815-825	14.5	210
179	Neuropsychological analyses of impulsiveness in childhood hyperactivity. *British Journal of Psychiatry*, **2001**, 179, 138-43	5.4	204
178	Gray matter abnormalities in childhood maltreatment: a voxel-wise meta-analysis. *American Journal of Psychiatry*, **2014**, 171, 854-63	11.9	202
177	Timing deficits in attention-deficit/hyperactivity disorder (ADHD): evidence from neurocognitive and neuroimaging studies. *Neuropsychologia*, **2013**, 51, 235-66	3.2	199
176	Impaired response inhibition in obsessive compulsive disorder. *European Psychiatry*, **2007**, 22, 404-10	6	199
175	Maturation of limbic corticostriatal activation and connectivity associated with developmental changes in temporal discounting. *NeuroImage*, **2011**, 54, 1344-54	7.9	198
174	Anisotropic kernels for coordinate-based meta-analyses of neuroimaging studies. *Frontiers in Psychiatry*, **2014**, 5, 13	5	192
173	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. *American Journal of Psychiatry*, **2018**, 175, 359-369	11.9	188
172	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	11.5	182
171	Effects of stimulants on brain function in attention-deficit/hyperactivity disorder: a systematic review and meta-analysis. *Biological Psychiatry*, **2014**, 76, 616-28	7.9	180
170	The neurobiology of Meditation and its clinical effectiveness in psychiatric disorders. *Biological Psychology*, **2009**, 82, 1-11	3.2	170
169	Meta-analysis of fMRI studies of timing in attention-deficit hyperactivity disorder (ADHD). *Neuroscience and Biobehavioral Reviews*, **2012**, 36, 2248-56	9	166

168	Induction of psychosis by Δ9-tetrahydrocannabinol reflects modulation of prefrontal and striatal function during attentional salience processing. *Archives of General Psychiatry*, **2012**, 69, 27-36		165
167	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. *Journal of Psychiatric Research*, **2010**, 44, 629-39	5.2	164
166	Neural basis of Delta-9-tetrahydrocannabinol and cannabidiol: effects during response inhibition. *Biological Psychiatry*, **2008**, 64, 966-73	7.9	159
165	Inhibitory dysfunction in hyperactive boys. *Behavioural Brain Research*, **1998**, 94, 25-32	3.4	154
164	Neuroelectric mapping reveals precursor of stop failures in children with attention deficits. *Behavioural Brain Research*, **1998**, 94, 111-25	3.4	153
163	Functional brain imaging across development. *European Child and Adolescent Psychiatry*, **2013**, 22, 719-31	5.5	152
162	An fMRI study of reduced left prefrontal activation in schizophrenia during normal inhibitory function. *Schizophrenia Research*, **2001**, 52, 47-55	3.6	152
161	Performance of children with attention deficit hyperactivity disorder (ADHD) on a test battery of impulsiveness. *Child Neuropsychology*, **2007**, 13, 276-304	2.7	147
160	Striatal dopamine transporter alterations in ADHD: pathophysiology or adaptation to psychostimulants? A meta-analysis. *American Journal of Psychiatry*, **2012**, 169, 264-72	11.9	143
159	Tryptophan depletion reduces right inferior prefrontal activation during response inhibition in fast, event-related fMRI. *Psychopharmacology*, **2005**, 179, 791-803	4.7	134
158	Reliability and plasticity of response inhibition and interference control. *Brain and Cognition*, **2013**, 81, 82-94	2.7	133
157	Cognitive Neuroscience of Attention Deficit Hyperactivity Disorder (ADHD) and Its Clinical Translation. *Frontiers in Human Neuroscience*, **2018**, 12, 100	3.3	131
156	Temporal lobe dysfunction in medication-naïve boys with attention-deficit/hyperactivity disorder during attention allocation and its relation to response variability. *Biological Psychiatry*, **2007**, 62, 999-1008	7.9	130
155	Neural correlates of reward in autism. *British Journal of Psychiatry*, **2008**, 192, 19-24	5.4	129
154	Dissociated functional brain abnormalities of inhibition in boys with pure conduct disorder and in boys with pure attention deficit hyperactivity disorder. *American Journal of Psychiatry*, **2008**, 165, 889-97	11.9	129
153	Methylphenidate normalizes fronto-striatal underactivation during interference inhibition in medication-naïve boys with attention-deficit hyperactivity disorder. *Neuropsychopharmacology*, **2011**, 36, 1575-86	8.7	128
152	Motor timing deficits in community and clinical boys with hyperactive behavior: the effect of methylphenidate on motor timing. *Journal of Abnormal Child Psychology*, **2003**, 31, 301-13	4	126
151	Disorder-specific inferior prefrontal hypofunction in boys with pure attention-deficit/hyperactivity disorder compared to boys with pure conduct disorder during cognitive flexibility. *Human Brain Mapping*, **2010**, 31, 1823-33	5.9	124

150	Neural correlates of switching set as measured in fast, event-related functional magnetic resonance imaging. *Human Brain Mapping*, **2004**, 21, 247-56	5.9	124
149	A right hemispheric frontocerebellar network for time discrimination of several hundreds of milliseconds. *NeuroImage*, **2003**, 20, 344-50	7.9	121
148	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	11.9	120
147	Methylphenidate normalizes frontocingulate underactivation during error processing in attention-deficit/hyperactivity disorder. *Biological Psychiatry*, **2011**, 70, 255-62	7.9	120
146	Brain activation in paediatric obsessive compulsive disorder during tasks of inhibitory control. *British Journal of Psychiatry*, **2008**, 192, 25-31	5.4	118
145	The effects of prefrontal cortex transcranial direct current stimulation (tDCS) on food craving and temporal discounting in women with frequent food cravings. *Appetite*, **2014**, 78, 55-62	4.5	116
144	Investigation of cool and hot executive function in ODD/CD independently of ADHD. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2011**, 52, 1035-43	7.9	115
143	Effects of age and sex on developmental neural networks of visual-spatial attention allocation. *NeuroImage*, **2010**, 51, 817-27	7.9	112
142	Towards an understanding of unique and shared pathways in the psychopathophysiology of ADHD. *Developmental Science*, **2005**, 8, 132-40	4.5	112
141	Sex-dependent age modulation of frontostriatal and temporo-parietal activation during cognitive control. *NeuroImage*, **2009**, 48, 223-36	7.9	111
140	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. *Behavioural Brain Research*, **2002**, 130, 47-56	3.4	111
139	Prefrontal involvement in "temporal bridging" and timing movement. *Neuropsychologia*, **1998**, 36, 1283-93	3.2	110
138	Reduced activation in lateral prefrontal cortex and anterior cingulate during attention and cognitive control functions in medication-naïve adolescents with depression compared to controls. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2009**, 50, 307-16	7.9	109
137	Associations between trait impulsivity and prepotent response inhibition. *Journal of Clinical and Experimental Neuropsychology*, **2012**, 34, 1016-32	2.1	108
136	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. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2009**, 50, 669-78	7.9	107
135	Frontal lobe structure and executive function in migraine patients. *Neuroscience Letters*, **2008**, 440, 92-6	3.3	107
134	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. *Alcoholism: Clinical and Experimental Research*, **2011**, 35, 140-55	3.7	104
133	Sahaja Yoga Meditation as a Family Treatment Programme for Children with Attention Deficit-Hyperactivity Disorder. *Clinical Child Psychology and Psychiatry*, **2004**, 9, 479-497	2	103

132	Synchronization, anticipation, and consistency in motor timing of children with dimensionally defined attention deficit hyperactivity behaviour. *Perceptual and Motor Skills*, **1999**, 89, 1237-58	2.2	96
131	The neural correlates of cognitive time management: a review. *Acta Neurobiologiae Experimentalis*, **2004**, 64, 329-40	1	96
130	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). *Brain*, **2020**, 143, 1674-1685	11.2	93
129	A functional magnetic resonance imaging study of inhibitory control in obsessive-compulsive disorder. *Psychiatry Research - Neuroimaging*, **2009**, 174, 202-9	2.9	92
128	The World Federation of ADHD International Consensus Statement: 208 Evidence-based conclusions about the disorder. *Neuroscience and Biobehavioral Reviews*, **2021**, 128, 789-818	9	92
127	Meta-Analysis of fMRI Studies of Disruptive Behavior Disorders. *American Journal of Psychiatry*, **2016**, 173, 1119-1130	11.9	91
126	Comparative Multimodal Meta-analysis of Structural and Functional Brain Abnormalities in Autism Spectrum Disorder and Obsessive-Compulsive Disorder. *Biological Psychiatry*, **2017**, 82, 83-102	7.9	91
125	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. *Human Brain Mapping*, **2010**, 31, 287-99	5.9	89
124	Effects of age and gender on neural networks of motor response inhibition: from adolescence to mid-adulthood. *NeuroImage*, **2013**, 83, 690-703	7.9	86
123	Dissociable functional connectivity changes during the Stroop task relating to risk, resilience and disease expression in bipolar disorder. *NeuroImage*, **2011**, 57, 576-82	7.9	81
122	Imaging the ADHD brain: disorder-specificity, medication effects and clinical translation. *Expert Review of Neurotherapeutics*, **2014**, 14, 519-38	4.3	79
121	T150. REAL-TIME FMRI NEUROFEEDBACK TO DOWN-REGULATE SUPERIOR TEMPORAL GYRUS ACTIVITY IN PATIENTS WITH SCHIZOPHRENIA AND AUDITORY HALLUCINATIONS: A PROOF-OF-CONCEPT STUDY. *Schizophrenia Bulletin*, **2018**, 44, S174-S174	1.3	78
120	Pattern classification of response inhibition in ADHD: toward the development of neurobiological markers for ADHD. *Human Brain Mapping*, **2014**, 35, 3083-94	5.9	77
119	Right ventromedial and dorsolateral prefrontal cortices mediate adaptive decisions under ambiguity by integrating choice utility and outcome evaluation. *Journal of Neuroscience*, **2009**, 29, 11020-8	6.6	76
118	Neural and psychological maturation of decision-making in adolescence and young adulthood. *Journal of Cognitive Neuroscience*, **2013**, 25, 1807-23	3.1	73
117	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. *Nature Communications*, **2019**, 10, 4958	17.4	72
116	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, 19663-4	11.5	72
115	Shared and drug-specific effects of atomoxetine and methylphenidate on inhibitory brain dysfunction in medication-naive ADHD boys. *Cerebral Cortex*, **2014**, 24, 174-85	5.1	70

114	Real-time fMRI neurofeedback in adolescents with attention deficit hyperactivity disorder. *Human Brain Mapping*, **2017**, 38, 3190-3209	5.9	69
113	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, 601-11	5.9	69
112	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, 113-20	2.9	68
111	Fronto-striato-cerebellar dysregulation in adolescents with depression during motivated attention. *Biological Psychiatry*, **2012**, 71, 59-67	7.9	67
110	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, 977-85	7.9	67
109	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	3.7	66
108	Developmental effects of reward on sustained attention networks. *NeuroImage*, **2011**, 56, 1693-704	7.9	64
107	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	2.9	62
106	Altered functional neuroanatomy of response inhibition in adolescent males who were born very preterm. *Developmental Medicine and Child Neurology*, **2006**, 48, 265-71	3.3	62
105	Structural and functional brain imaging in adult attention-deficit/hyperactivity disorder. *Expert Review of Neurotherapeutics*, **2010**, 10, 603-20	4.3	59
104	Familial and disease specific abnormalities in the neural correlates of the Stroop Task in Bipolar Disorder. *NeuroImage*, **2011**, 56, 1677-84	7.9	55
103	Error Processing and Inhibitory Control in Obsessive-Compulsive Disorder: A Meta-analysis Using Statistical Parametric Maps. *Biological Psychiatry*, **2019**, 85, 713-725	7.9	55
102	Heterozygous PAX6 mutation, adult brain structure and fronto-striato-thalamic function in a human family. *European Journal of Neuroscience*, **2004**, 19, 1505-12	3.5	54
101	Increased Grey Matter Associated with Long-Term Sahaja Yoga Meditation: A Voxel-Based Morphometry Study. *PLoS ONE*, **2016**, 11, e0150757	3.7	52
100	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	11.9	50
99	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	11.9	50
98	The neural basis of response inhibition and attention allocation as mediated by gestational age. *Human Brain Mapping*, **2009**, 30, 1038-50	5.9	50
97	A Randomised Controlled Trial of Neuronavigated Repetitive Transcranial Magnetic Stimulation (rTMS) in Anorexia Nervosa. *PLoS ONE*, **2016**, 11, e0148606	3.7	50

96	Comparative meta-analyses of brain structural and functional abnormalities during cognitive control in attention-deficit/hyperactivity disorder and autism spectrum disorder. *Psychological Medicine*, **2020**, 50, 894-919	6.9	49
95	Abnormal functional activation and maturation of fronto-striato-temporal and cerebellar regions during sustained attention in autism spectrum disorder. *American Journal of Psychiatry*, **2014**, 171, 1107-16	11.9	48
94	Methylphenidate effects on prefrontal functioning during attentional-capture and response inhibition. *Biological Psychiatry*, **2012**, 72, 142-9	7.9	47
93	Conduct problems in adolescence: three domains of inhibition and effect of gender. *Developmental Neuropsychology*, **2006**, 30, 659-95	1.8	47
92	Methylphenidate effects on neural activity during response inhibition in healthy humans. *Cerebral Cortex*, **2013**, 23, 1179-89	5.1	46
91	Functional connectivity changes associated with fMRI neurofeedback of right inferior frontal cortex in adolescents with ADHD. *NeuroImage*, **2019**, 188, 43-58	7.9	46
90	Neural mechanisms of attention-deficit/hyperactivity disorder symptoms are stratified by MAOA genotype. *Biological Psychiatry*, **2013**, 74, 607-14	7.9	44
89	Real-time fMRI neurofeedback to down-regulate superior temporal gyrus activity in patients with schizophrenia and auditory hallucinations: a proof-of-concept study. *Translational Psychiatry*, **2018**, 8, 46	8.6	42
88	Sex differences in COMT polymorphism effects on prefrontal inhibitory control in adolescence. *Neuropsychopharmacology*, **2014**, 39, 2560-9	8.7	41
87	Response inhibition and serotonin in autism: a functional MRI study using acute tryptophan depletion. *Brain*, **2014**, 137, 2600-10	11.2	40
86	Inferior frontal cortex modulation with an acute dose of heroin during cognitive control. *Neuropsychopharmacology*, **2013**, 38, 2231-9	8.7	40
85	Inverse fluoxetine effects on inhibitory brain activation in non-comorbid boys with ADHD and with ASD. *Psychopharmacology*, **2015**, 232, 2071-82	4.7	37
84	Neurofunctional effects of methylphenidate and atomoxetine in boys with attention-deficit/hyperactivity disorder during time discrimination. *Biological Psychiatry*, **2013**, 74, 615-22	7.9	34
83	Time estimation as a neuronal network property: a lesion study. *NeuroReport*, **1997**, 8, 1273-6	1.7	34
82	Shared and disorder-specific task-positive and default mode network dysfunctions during sustained attention in paediatric Attention-Deficit/Hyperactivity Disorder and obsessive/compulsive disorder. *NeuroImage: Clinical*, **2017**, 15, 181-193	5.3	33
81	Brain abnormalities in attention-deficit hyperactivity disorder: a review. *Revista De Neurologia*, **2014**, 58 Suppl 1, S3-16	24	33
80	Identifying mechanisms that underlie links between COMT genotype and aggression in male adolescents with ADHD. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2016**, 57, 472-80	7.9	30
79	Gray Matter and Functional Connectivity in Anterior Cingulate Cortex are Associated with the State of Mental Silence During Sahaja Yoga Meditation. *Neuroscience*, **2018**, 371, 395-406	3.9	29

78	Inverse Effect of Fluoxetine on Medial Prefrontal Cortex Activation During Reward Reversal in ADHD and Autism. *Cerebral Cortex*, **2015**, 25, 1757-70	5.1	29
77	Functional development of fronto-striato-parietal networks associated with time perception. *Frontiers in Human Neuroscience*, **2011**, 5, 136	3.3	26
76	Inattentive/overactive children with histories of profound institutional deprivation compared with standard ADHD cases: a brief report. *Child: Care, Health and Development*, **2008**, 34, 596-602	2.8	26
75	Frontostriatal Dysfunction During Decision Making in Attention-Deficit/Hyperactivity Disorder and Obsessive-Compulsive Disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2018**, 3, 694-703	3.4	24
74	Predictive neurofunctional markers of attention-deficit/hyperactivity disorder based on pattern classification of temporal processing. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2014**, 53, 569-78.e1	7.2	23
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72	5-HT, prefrontal function and aging: fMRI of inhibition and acute tryptophan depletion. *Neurobiology of Aging*, **2009**, 30, 1135-46	5.6	22
71	Testing the specificity of executive functioning impairments in adolescents with ADHD, ODD/CD and ASD. *European Child and Adolescent Psychiatry*, **2018**, 27, 899-908	5.5	22
70	Reduced functional connectivity of fronto-parietal sustained attention networks in severe childhood abuse. *PLoS ONE*, **2017**, 12, e0188744	3.7	21
69	Shared and Disorder-Specific Neurocomputational Mechanisms of Decision-Making in Autism Spectrum Disorder and Obsessive-Compulsive Disorder. *Cerebral Cortex*, **2017**, 27, 5804-5816	5.1	20
68	Sex differences in brain maturation as measured using event-related potentials. *Developmental Neuropsychology*, **2012**, 37, 415-33	1.8	20
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66	Omega-3 fatty acids are inversely related to callous and unemotional traits in adolescent boys with attention deficit hyperactivity disorder. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2013**, 88, 411-8	2.8	19
65	Neural dysfunction during temporal discounting in paediatric Attention-Deficit/Hyperactivity Disorder and Obsessive-Compulsive Disorder. *Psychiatry Research - Neuroimaging*, **2017**, 269, 97-105	2.9	19
64	Abnormal centroparietal ERP response in predominantly medication-naive adolescent boys with ADHD during both response inhibition and execution. *Journal of Clinical Neurophysiology*, **2012**, 29, 181-9	2.2	19
63	Total red blood cell concentrations of omega-3 fatty acids are associated with emotion-elicited neural activity in adolescent boys with attention-deficit hyperactivity disorder. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2009**, 80, 151-6	2.8	19
62	Neurofunctional Abnormalities during Sustained Attention in Severe Childhood Abuse. *PLoS ONE*, **2016**, 11, e0165547	3.7	19
61	Abnormal functional activation and maturation of ventromedial prefrontal cortex and cerebellum during temporal discounting in autism spectrum disorder. *Human Brain Mapping*, **2017**, 38, 5343-5355	5.9	18

60	Disorder-Specific and Shared Brain Abnormalities During Vigilance in Autism and Obsessive-Compulsive Disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2017**, 2, 644-654	3.4	17
59	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. *Human Brain Mapping*, **2020**,	5.9	17
58	The Neural Correlates of Timing Functions **2006**, 213-238		16
57	Aberrant structural connectivity in childhood maltreatment: A meta-analysis. *Neuroscience and Biobehavioral Reviews*, **2020**, 116, 406-414	9	16
56	Monitoring the neural activity of the state of mental silence while practicing Sahaja yoga meditation. *Journal of Alternative and Complementary Medicine*, **2015**, 21, 175-9	2.4	15
55	Effects of computerized cognitive training as add-on treatment to stimulants in ADHD: a pilot fMRI study. *Brain Imaging and Behavior*, **2020**, 14, 1933-1944	4.1	15
54	Classification of cocaine-dependent participants with dynamic functional connectivity from functional magnetic resonance imaging data. *Journal of Neuroscience Research*, **2019**, 97, 790-803	4.4	14
53	Anterior insula hyperactivation in ADHD when faced with distracting negative stimuli. *Human Brain Mapping*, **2018**, 39, 2972-2986	5.9	14
52	Methylphenidate and atomoxetine normalise fronto-parietal underactivation during sustained attention in ADHD adolescents. *European Neuropsychopharmacology*, **2019**, 29, 1102-1116	1.2	14
51	Neural correlates of successful response inhibition in unmedicated patients with late-life depression. *American Journal of Geriatric Psychiatry*, **2012**, 20, 1057-69	6.5	14
50	Neurofunctional abnormalities in antisocial spectrum: A meta-analysis of fMRI studies on Five distinct neurocognitive research domains. *Neuroscience and Biobehavioral Reviews*, **2020**, 119, 168-183	9	14
49	Omega-3 fatty acids are related to abnormal emotion processing in adolescent boys with attention deficit hyperactivity disorder. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2013**, 88, 419-29	2.8	12
48	Brain networks subserving fixed versus performance-adjusted delay stop trials in a stop signal task. *Behavioural Brain Research*, **2012**, 235, 89-97	3.4	12
47	Electrophysiological correlates of CU traits show abnormal regressive maturation in adolescents with conduct problems. *Personality and Individual Differences*, **2012**, 53, 862-867	3.3	12
46	Attention deficit-hyperactivity disorder: current findings and treatment. *Current Opinion in Psychiatry*, **2001**, 14, 309-316	4.9	12
45	Synchronization, Anticipation, and Consistency in Motor Timing of Children with Dimensionally Defined Attention Deficit Hyperactivity Behaviour		12
44	Noninvasive brain stimulation in children and adults with attention-deficit/hyperactivity disorder: a systematic review and meta-analysis. *Journal of Psychiatry and Neuroscience*, **2021**, 46, E14-E33	4.5	12
43	Altered prefrontal connectivity after acute heroin administration during cognitive control. *International Journal of Neuropsychopharmacology*, **2014**, 17, 1375-85	5.8	11

42	Timing of covert articulation: an fMRI study. *Neuropsychologia*, **2006**, 44, 2573-7	3.2	11
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40	Neural substrates of successful versus unsuccessful stopping in a cognitively challenging event related stop task. *NeuroImage*, **2001**, 13, 351	7.9	8
39	Reduced pain perception in children and adolescents with ADHD is normalized by methylphenidate. *Child and Adolescent Psychiatry and Mental Health*, **2016**, 10, 24	6.8	8
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