# Katya Rubia

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|---|---|---|---|
| 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 | The effect of transcranial direct current stimulation (tDCS) combined with cognitive training on EEG spectral power in adolescent boys with ADHD: A double-blind, randomized, sham-controlled trial. *IBRO Neuroscience Reports*, **2022**, 12, 55-64 | | 0 |
| 202 | Event-related brain dynamics during mind wandering in attention-deficit/hyperactivity disorder: an experience-sampling approach. *NeuroImage: Clinical*, **2022**, 103068 | 5.3 | 0 |
| 201 | Focusing on Comorbidity-A Novel Meta-Analytic Approach and Protocol to Disentangle the Specific Neuroanatomy of Co-occurring Mental Disorders.. *Frontiers in Psychiatry*, **2021**, 12, 807839 | 5 | 1 |
| 200 | Context Regulation of Mind Wandering in ADHD. *Journal of Attention Disorders*, **2021**, 25, 2014-2027 | 3.7 | 5 |
| 199 | Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2021**, 62, 1140-1149 | 7.9 | 3 |
| 198 | Resting State Functional Connectivity Associated With Sahaja Yoga Meditation. *Frontiers in Human Neuroscience*, **2021**, 15, 614882 | 3.3 | 4 |
| 197 | Analysis of structural brain asymmetries in attention-deficit/hyperactivity disorder in 39 datasets. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2021**, 62, 1202-1219 | 7.9 | 7 |
| 196 | Transcranial direct current stimulation (tDCS) combined with cognitive training in adolescent boys with ADHD: a double-blind, randomised, sham-controlled trial. *Psychological Medicine*, **2021**, 1-16 | 6.9 | 5 |
| 195 | A short note on the reliability of perceptual timing tasks as commonly used in research on developmental disorders. *European Child and Adolescent Psychiatry*, **2021**, 30, 169-172 | 5.5 | 2 |
| 194 | Effects of transcranial stimulation in developmental neurocognitive disorders: A critical appraisal. *Progress in Brain Research*, **2021**, 264, 1-40 | 2.9 | 3 |
| 193 | Electrophysiological modulation of sensory and attentional processes during mind wandering in attention-deficit/hyperactivity disorder. *NeuroImage: Clinical*, **2021**, 29, 102547 | 5.3 | 1 |
| 192 | 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 |
| 191 | Modulation of atypical brain activation during executive functioning in autism: a pharmacological MRI study of tianeptine. *Molecular Autism*, **2021**, 12, 14 | 6.5 | 1 |
| 190 | Neurotherapeutics for Attention Deficit/Hyperactivity Disorder (ADHD): A Review. *Cells*, **2021**, 10, | 7.9 | 1 |
| 189 | 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 |
| 188 | Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. *Human Brain Mapping*, **2020**, | 5.9 | 17 |
| 187 | Striatal bases of temporal discounting in early adolescents. *Neuropsychologia*, **2020**, 144, 107492 | 3.2 | 3 |

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| 186 | Neurofunctional and behavioural measures associated with fMRI-neurofeedback learning in adolescents with Attention-Deficit/Hyperactivity Disorder. *NeuroImage: Clinical*, **2020**, 27, 102291 | 5.3 | 6 |
| 185 | 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 |
| 184 | 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 |
| 183 | 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 |
| 182 | Larger whole brain grey matter associated with long-term Sahaja Yoga Meditation: A detailed area by area comparison. *PLoS ONE*, **2020**, 15, e0237552 | 3.7 | 3 |
| 181 | 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 |
| 180 | Aberrant structural connectivity in childhood maltreatment: A meta-analysis. *Neuroscience and Biobehavioral Reviews*, **2020**, 116, 406-414 | 9 | 16 |
| 179 | Neural Correlates of Theory of Mind in Autism Spectrum Disorder, Attention-Deficit/Hyperactivity Disorder, and the Comorbid Condition. *Frontiers in Psychiatry*, **2020**, 11, 544482 | 5 | 4 |
| 178 | An insula-driven network computes decision uncertainty and promotes abstinence in chronic cocaine users. *European Journal of Neuroscience*, **2020**, 52, 4923-4936 | 3.5 | 3 |
| 177 | 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 |
| 176 | Larger whole brain grey matter associated with long-term Sahaja Yoga Meditation: A detailed area by area comparison **2020**, 15, e0237552 | | |
| 175 | Larger whole brain grey matter associated with long-term Sahaja Yoga Meditation: A detailed area by area comparison **2020**, 15, e0237552 | | |
| 174 | Larger whole brain grey matter associated with long-term Sahaja Yoga Meditation: A detailed area by area comparison **2020**, 15, e0237552 | | |
| 173 | Larger whole brain grey matter associated with long-term Sahaja Yoga Meditation: A detailed area by area comparison **2020**, 15, e0237552 | | |
| 172 | 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 |
| 171 | White Matter Structure and Delay Tolerance in Attention-Deficit/Hyperactivity Disorder. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2019**, 4, 213-215 | 3.4 | |
| 170 | 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 |
| 169 | Methylphenidate and atomoxetine normalise fronto-parietal underactivation during sustained attention in ADHD adolescents. *European Neuropsychopharmacology*, **2019**, 29, 1102-1116 | 1.2 | 14 |

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|---|---|---|---|
| 168 | Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. *Nature Communications*, **2019**, 10, 4958 | 17.4 | 72 |
| 167 | Modulation of brain activation during executive functioning in autism with citalopram. *Translational Psychiatry*, **2019**, 9, 286 | 8.6 | 4 |
| 166 | Altered white matter connectivity in young people exposed to childhood abuse: a tract-based spatial statistics (TBSS) and tractography study. *Journal of Psychiatry and Neuroscience*, **2019**, 44, E11-E20 | 4.5 | 6 |
| 165 | A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. *ELife*, **2019**, 8, | 8.9 | 234 |
| 164 | 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 |
| 163 | Functional connectivity changes associated with fMRI neurofeedback of right inferior frontal cortex in adolescents with ADHD. *NeuroImage*, **2019**, 188, 43-58 | 7.9 | 46 |
| 162 | Anterior insula hyperactivation in ADHD when faced with distracting negative stimuli. *Human Brain Mapping*, **2018**, 39, 2972-2986 | 5.9 | 14 |
| 161 | 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 |
| 160 | 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 |
| 159 | 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 |
| 158 | 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 |
| 157 | Altered Functional Connectivity of Fronto-Cingulo-Striatal Circuits during Error Monitoring in Adolescents with a History of Childhood Abuse. *Frontiers in Human Neuroscience*, **2018**, 12, 7 | 3.3 | 10 |
| 156 | Cognitive Neuroscience of Attention Deficit Hyperactivity Disorder (ADHD) and Its Clinical Translation. *Frontiers in Human Neuroscience*, **2018**, 12, 100 | 3.3 | 131 |
| 155 | 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 |
| 154 | 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 |
| 153 | fMRI-Based Neurotherapies for ADHD. *The ADHD Report*, **2018**, 26, 1-11 | 1.4 | 6 |
| 152 | Neural Correlates of Duration Discrimination in Young Adults with Autism Spectrum Disorder, Attention-Deficit/Hyperactivity Disorder and Their Comorbid Presentation. *Frontiers in Psychiatry*, **2018**, 9, 569 | 5 | 4 |
| 151 | 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 |

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|---|---|---|---|
| 150 | 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 |
| 149 | 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 |
| 148 | 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 |
| 147 | Real-time fMRI neurofeedback in adolescents with attention deficit hyperactivity disorder. *Human Brain Mapping*, **2017**, 38, 3190-3209 | 5.9 | 69 |
| 146 | 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 |
| 145 | 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 |
| 144 | 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 |
| 143 | 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 |
| 142 | Reduced functional connectivity of fronto-parietal sustained attention networks in severe childhood abuse. *PLoS ONE*, **2017**, 12, e0188744 | 3.7 | 21 |
| 141 | Meta-Analysis of fMRI Studies of Disruptive Behavior Disorders. *American Journal of Psychiatry*, **2016**, 173, 1119-1130 | 11.9 | 91 |
| 140 | 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 |
| 139 | Neurofunctional Abnormalities during Sustained Attention in Severe Childhood Abuse. *PLoS ONE*, **2016**, 11, e0165547 | 3.7 | 19 |
| 138 | A Randomised Controlled Trial of Neuronavigated Repetitive Transcranial Magnetic Stimulation (rTMS) in Anorexia Nervosa. *PLoS ONE*, **2016**, 11, e0148606 | 3.7 | 50 |
| 137 | Increased Grey Matter Associated with Long-Term Sahaja Yoga Meditation: A Voxel-Based Morphometry Study. *PLoS ONE*, **2016**, 11, e0150757 | 3.7 | 52 |
| 136 | Can Functional Decoding Elucidate Meta-analytic Brain Dysfunctions in Adult Attention-Deficit/Hyperactivity Disorder?. *Biological Psychiatry*, **2016**, 80, 890-892 | 7.9 | 3 |
| 135 | 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 |
| 134 | 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 |
| 133 | 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 |

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| 132 | 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 |
| 131 | Clinical outcomes and neural correlates of 20 sessions of repetitive transcranial magnetic stimulation in severe and enduring anorexia nervosa (the TIARA study): study protocol for a randomised controlled feasibility trial. *Trials*, **2015**, 16, 548 | 2.8 | 22 |
| 130 | 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 |
| 129 | Inverse fluoxetine effects on inhibitory brain activation in non-comorbid boys with ADHD and with ASD. *Psychopharmacology*, **2015**, 232, 2071-82 | 4.7 | 37 |
| 128 | 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 |
| 127 | Imaging the ADHD brain: disorder-specificity, medication effects and clinical translation. *Expert Review of Neurotherapeutics*, **2014**, 14, 519-38 | 4.3 | 79 |
| 126 | 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 |
| 125 | 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 |
| 124 | Anisotropic kernels for coordinate-based meta-analyses of neuroimaging studies. *Frontiers in Psychiatry*, **2014**, 5, 13 | 5 | 192 |
| 123 | Altered prefrontal connectivity after acute heroin administration during cognitive control. *International Journal of Neuropsychopharmacology*, **2014**, 17, 1375-85 | 5.8 | 11 |
| 122 | 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 |
| 121 | Sex differences in COMT polymorphism effects on prefrontal inhibitory control in adolescence. *Neuropsychopharmacology*, **2014**, 39, 2560-9 | 8.7 | 41 |
| 120 | Response inhibition and serotonin in autism: a functional MRI study using acute tryptophan depletion. *Brain*, **2014**, 137, 2600-10 | 11.2 | 40 |
| 119 | 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 |
| 118 | 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 |
| 117 | Gray matter abnormalities in childhood maltreatment: a voxel-wise meta-analysis. *American Journal of Psychiatry*, **2014**, 171, 854-63 | 11.9 | 202 |
| 116 | Acute tryptophan depletion promotes an anterior-to-posterior fMRI activation shift during task switching in older adults. *Human Brain Mapping*, **2014**, 35, 712-22 | 5.9 | 7 |
| 115 | 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 |

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| 114 | Brain abnormalities in attention-deficit hyperactivity disorder: a review. *Revista De Neurologia*, **2014**, 58 Suppl 1, S3-16 | 24 | 33 |
| 113 | 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 |
| 112 | Neural and psychological maturation of decision-making in adolescence and young adulthood. *Journal of Cognitive Neuroscience*, **2013**, 25, 1807-23 | 3.1 | 73 |
| 111 | Functional brain imaging across development. *European Child and Adolescent Psychiatry*, **2013**, 22, 719-31 | 5.5 | 152 |
| 110 | Neural mechanisms of attention-deficit/hyperactivity disorder symptoms are stratified by MAOA genotype. *Biological Psychiatry*, **2013**, 74, 607-14 | 7.9 | 44 |
| 109 | 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 |
| 108 | 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 |
| 107 | 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 |
| 106 | Timing deficits in attention-deficit/hyperactivity disorder (ADHD): evidence from neurocognitive and neuroimaging studies. *Neuropsychologia*, **2013**, 51, 235-66 | 3.2 | 199 |
| 105 | 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 |
| 104 | Reliability and plasticity of response inhibition and interference control. *Brain and Cognition*, **2013**, 81, 82-94 | 2.7 | 133 |
| 103 | Methylphenidate effects on neural activity during response inhibition in healthy humans. *Cerebral Cortex*, **2013**, 23, 1179-89 | 5.1 | 46 |
| 102 | Inferior frontal cortex modulation with an acute dose of heroin during cognitive control. *Neuropsychopharmacology*, **2013**, 38, 2231-9 | 8.7 | 40 |
| 101 | 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 |
| 100 | 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 |
| 99 | Meta-analysis of fMRI studies of timing in attention-deficit hyperactivity disorder (ADHD). *Neuroscience and Biobehavioral Reviews*, **2012**, 36, 2248-56 | 9 | 166 |
| 98 | 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 |
| 97 | 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 |

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| 96 | Fronto-striato-cerebellar dysregulation in adolescents with depression during motivated attention. *Biological Psychiatry*, **2012**, 71, 59-67 | 7.9 | 67 |
| 95 | Methylphenidate effects on prefrontal functioning during attentional-capture and response inhibition. *Biological Psychiatry*, **2012**, 72, 142-9 | 7.9 | 47 |
| 94 | 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 |
| 93 | Associations between trait impulsivity and prepotent response inhibition. *Journal of Clinical and Experimental Neuropsychology*, **2012**, 34, 1016-32 | 2.1 | 108 |
| 92 | 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 |
| 91 | Neuroimaging of child abuse: a critical review. *Frontiers in Human Neuroscience*, **2012**, 6, 52 | 3.3 | 378 |
| 90 | Sex differences in brain maturation as measured using event-related potentials. *Developmental Neuropsychology*, **2012**, 37, 415-33 | 1.8 | 20 |
| 89 | 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 |
| 88 | 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 |
| 87 | 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 |
| 86 | "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 |
| 85 | Methylphenidate normalizes frontocingulate underactivation during error processing in attention-deficit/hyperactivity disorder. *Biological Psychiatry*, **2011**, 70, 255-62 | 7.9 | 120 |
| 84 | Developmental effects of reward on sustained attention networks. *NeuroImage*, **2011**, 56, 1693-704 | 7.9 | 64 |
| 83 | Familial and disease specific abnormalities in the neural correlates of the Stroop Task in Bipolar Disorder. *NeuroImage*, **2011**, 56, 1677-84 | 7.9 | 55 |
| 82 | 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 |
| 81 | Maturation of limbic corticostriatal activation and connectivity associated with developmental changes in temporal discounting. *NeuroImage*, **2011**, 54, 1344-54 | 7.9 | 198 |
| 80 | Functional development of fronto-striato-parietal networks associated with time perception. *Frontiers in Human Neuroscience*, **2011**, 5, 136 | 3.3 | 26 |
| 79 | 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 |

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| 78 | 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 |
| 77 | 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 |
| 76 | 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 |
| 75 | 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 |
| 74 | 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 |
| 73 | Structural and functional brain imaging in adult attention-deficit/hyperactivity disorder. *Expert Review of Neurotherapeutics*, **2010**, 10, 603-20 | 4.3 | 59 |
| 72 | Effects of age and sex on developmental neural networks of visual-spatial attention allocation. *NeuroImage*, **2010**, 51, 817-27 | 7.9 | 112 |
| 71 | 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 |
| 70 | 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 |
| 69 | 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 |
| 68 | 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 |
| 67 | 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 |
| 66 | A functional magnetic resonance imaging study of inhibitory control in obsessive-compulsive disorder. *Psychiatry Research - Neuroimaging*, **2009**, 174, 202-9 | 2.9 | 92 |
| 65 | The neural basis of response inhibition and attention allocation as mediated by gestational age. *Human Brain Mapping*, **2009**, 30, 1038-50 | 5.9 | 50 |
| 64 | 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 |
| 63 | 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 |
| 62 | The neurobiology of Meditation and its clinical effectiveness in psychiatric disorders. *Biological Psychology*, **2009**, 82, 1-11 | 3.2 | 170 |
| 61 | 5-HT, prefrontal function and aging: fMRI of inhibition and acute tryptophan depletion. *Neurobiology of Aging*, **2009**, 30, 1135-46 | 5.6 | 22 |

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|---|---|---|---|
| 60 | 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 |
| 59 | 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 |
| 58 | 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 |
| 57 | 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 |
| 56 | Sex-dependent age modulation of frontostriatal and temporo-parietal activation during cognitive control. *NeuroImage*, **2009**, 48, 223-36 | 7.9 | 111 |
| 55 | S.18.04 Shared and disorder-specific brain dysfunctions in conduct disorder compared to ADHD. *European Neuropsychopharmacology*, **2009**, 19, S202 | 1.2 | 1 |
| 54 | P.1.e.008 Methylphenidate modulates inferior and orbitofrontal brain activation in ADHD during sustained attention and reward. *European Neuropsychopharmacology*, **2009**, 19, S304-S305 | 1.2 | 2 |
| 53 | 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 |
| 52 | 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 |
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