

# Francisco Castellanos

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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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.

331  
papers

49,109  
citations

105  
h-index

219  
g-index

368  
ext. papers

57,616  
ext. citations

5.8  
avg, IF

7.36  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 331 | Perinatal interference with the serotonergic system affects VTA function in the adult via glutamate co-transmission. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 4795-4812  | 15.1 | 6         |
| 330 | Resting-State fMRI to Identify the Brain Correlates of Treatment Response to Medications in Children and Adolescents With Attention-Deficit/Hyperactivity Disorder: Lessons From the CUNMET Study. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 759696                                    | 5    | 1         |
| 329 | Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2021</b> , 62, 1140-1149 <sup>3</sup>  | 7.9  | 1493      |
| 328 | Analysis of structural brain asymmetries in attention-deficit/hyperactivity disorder in 39 datasets. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2021</b> , 62, 1202-1219   | 7.9  | 7         |
| 327 | Investigating Motor Preparation in Autism Spectrum Disorder With and Without Attention Deficit/Hyperactivity Disorder. <i>Journal of Autism and Developmental Disorders</i> , <b>2021</b> , 1   | 4.6  |           |
| 326 | Clinical and Functional Connectivity Outcomes of 5-Hz Repetitive Transcranial Magnetic Stimulation as an Add-on Treatment in Cocaine Use Disorder: A Double-Blind Randomized Controlled Trial. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2021</b> , 6, 745-757 | 3.4  | 3         |
| 325 | Evidence of Altered Habenular Intrinsic Functional Connectivity in Pediatric ADHD. <i>Journal of Attention Disorders</i> , <b>2021</b> , 25, 749-757  | 3.7  | 3         |
| 324 | Measurement reliability for individual differences in multilayer network dynamics: Cautions and considerations. <i>NeuroImage</i> , <b>2021</b> , 225, 117489   | 7.9  | 7         |
| 323 | Stability and similarity of the pediatric connectome as developmental measures. <i>NeuroImage</i> , <b>2021</b> , 226, 117537   | 7.9  | 4         |
| 322 | Systematic Review: Medication Effects on Brain Intrinsic Functional Connectivity in Patients With Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2021</b> , 60, 222-235   | 7.2  | 9         |
| 321 | Systematic Review and Meta-analysis: Resting-State Functional Magnetic Resonance Imaging Studies of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2021</b> , 60, 61-75   | 7.2  | 21        |
| 320 | Neuroimaging in attention-deficit/hyperactivity disorder. <i>Current Opinion in Psychiatry</i> , <b>2021</b> , 34, 105-111  | 4.9  | 10        |
| 319 | DREAM : A Toolbox to Decode Rhythms of the Brain System. <i>Neuroinformatics</i> , <b>2021</b> , 19, 529-545  | 3.2  | 7         |
| 318 | Cannabinoid treatment for autism: a proof-of-concept randomized trial. <i>Molecular Autism</i> , <b>2021</b> , 12, 6  | 6.5  | 18        |
| 317 | Reduced Motivation in Perinatal Fluoxetine-Treated Mice: A Hypodopaminergic Phenotype. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 2723-2732   | 6.6  | 4         |
| 316 | Eight-week antidepressant treatment reduces functional connectivity in first-episode drug-naïve patients with major depressive disorder. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 2593-2605   | 5.9  | 4         |
| 315 | Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , <b>2021</b> ,  | 5.9  | 26        |

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|-----|---|------|-----|
| 314 | Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping, 2021,</i>  | 5.9  | 13  |
| 313 | A Biased Perspective on Brain Imaging of ADHD. <i>American Journal of Psychiatry, 2021, 178, 694-700</i>  | 11.9 | 1   |
| 312 | Disrupted intrinsic functional brain topology in patients with major depressive disorder. <i>Molecular Psychiatry, 2021,</i>  | 15.1 | 5   |
| 311 | Predicting multiscan MRI outcomes in children with neurodevelopmental conditions following MRI simulator training. <i>Developmental Cognitive Neuroscience, 2021, 52, 101009</i>  | 5.5  | 1   |
| 310 | Large scale enzyme based xenobiotic identification for exposomics. <i>Nature Communications, 2021, 12, 5418</i>   | 17.4 | 4   |
| 309 | Brain structural and functional substrates of ADGRL3 (latrophilin 3) haplotype in attention-deficit/hyperactivity disorder. <i>Scientific Reports, 2021, 11, 2373</i>   | 4.9  |     |
| 308 | Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. <i>Human Brain Mapping, 2020,</i>   | 5.9  | 17  |
| 307 | 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, 2020, 177, 834-843</i>          | 11.9 | 50  |
| 306 | Meditation effect in changing functional integrations across large-scale brain networks: Preliminary evidence from a meta-analysis of seed-based functional connectivity. <i>Journal of Pacific Rim Psychology, 2020, 14, e10</i> | 1.2  | 1   |
| 305 | Altered resting-state dynamic functional brain networks in major depressive disorder: Findings from the REST-meta-MDD consortium. <i>NeuroImage: Clinical, 2020, 26, 102163</i>   | 5.3  | 30  |
| 304 | Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping, 2020,</i>   | 5.9  | 31  |
| 303 | Charting brain growth in tandem with brain templates at school age. <i>Science Bulletin, 2020, 65, 1924-1934</i>  | 16.6 | 27  |
| 302 | Diffusion kurtosis imaging of gray matter in young adults with autism spectrum disorder. <i>Scientific Reports, 2020, 10, 21465</i>   | 4.9  | 2   |
| 301 | Is Increased Response Time Variability Related to Deficient Emotional Self-Regulation in Children With ADHD?. <i>Journal of Attention Disorders, 2020, 24, 1045-1056</i>  | 3.7  | 4   |
| 300 | Rumination and the default mode network: Meta-analysis of brain imaging studies and implications for depression. <i>NeuroImage, 2020, 206, 116287</i>   | 7.9  | 101 |
| 299 | Sensory-to-Cognitive Systems Integration Is Associated With Clinical Severity in Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry, 2020, 59, 422-433</i>                           | 7.2  | 15  |
| 298 | Brain age prediction: Cortical and subcortical shape covariation in the developing human brain. <i>NeuroImage, 2019, 202, 116149</i>  | 7.9  | 17  |
| 297 | ADGRL3 (LPHN3) variants predict substance use disorder. <i>Translational Psychiatry, 2019, 9, 42</i>  | 8.6  | 13  |

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|-----|---|------|-----|
| 296 | Autism-associated Nf1 deficiency disrupts corticocortical and corticostriatal functional connectivity in human and mouse. <i>Neurobiology of Disease</i> , <b>2019</b> , 130, 104479  | 7.5  | 16  |
| 295 | Diffusion weighted imaging evidence of extra-callosal pathways for interhemispheric communication after complete commissurotomy. <i>Brain Structure and Function</i> , <b>2019</b> , 224, 1897-1909   | 4    | 5   |
| 294 | Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , <b>2019</b> , 176, 531-542  | 11.9 | 120 |
| 293 | Reduced default mode network functional connectivity in patients with recurrent major depressive disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 9078-9083 <sup>168</sup>   | 11.5 | 168 |
| 292 | Reaction time variability and attention-deficit/hyperactivity disorder: is increased reaction time variability specific to attention-deficit/hyperactivity disorder? Testing predictions from the default-mode interference hypothesis. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , <b>2019</b> , 11, 47-58 | 3.1  | 8   |
| 291 | Genetic Variation Underpinning ADHD Risk in a Caribbean Community. <i>Cells</i> , <b>2019</b> , 8,  | 7.9  | 11  |
| 290 | Stepwise functional connectivity reveals altered sensory-multimodal integration in medication-naïve adults with attention deficit hyperactivity disorder. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 4645-4656  | 5.9  | 7   |
| 289 | Trends in the Prevalence and Incidence of Attention-Deficit/Hyperactivity Disorder Among Adults and Children of Different Racial and Ethnic Groups. <i>JAMA Network Open</i> , <b>2019</b> , 2, e1914344  | 10.4 | 41  |
| 288 | Emerging Insights Into the Association Between Nature Exposure and Healthy Neuronal Development. <i>JAMA Network Open</i> , <b>2019</b> , 2, e1917880   | 10.4 |     |
| 287 | Correlates of nicotine dependence in men with childhood attention-deficit/hyperactivity disorder: a 33-year follow-up. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , <b>2019</b> , 11, 183-189  | 3.1  |     |
| 286 | Expansion of the Human Phenotype Ontology (HPO) knowledge base and resources. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, D1018-D1027   | 20.1 | 333 |
| 285 | Movies in the magnet: Naturalistic paradigms in developmental functional neuroimaging. <i>Developmental Cognitive Neuroscience</i> , <b>2019</b> , 36, 100600   | 5.5  | 65  |
| 284 | Large-scale brain functional network topology disruptions underlie symptom heterogeneity in children with attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , <b>2019</b> , 21, 101600  | 5.3  | 36  |
| 283 | The Spectrum of Neurobehavioral Outcomes in Attention-Deficit/Hyperactivity Disorder <b>2019</b> , 3-12   |      |     |
| 282 | Local functional connectivity suggests functional immaturity in children with attention-deficit/hyperactivity disorder. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 2442-2454  | 5.9  | 17  |
| 281 | Randomised controlled trial of simvastatin treatment for autism in young children with neurofibromatosis type 1 (SANTA). <i>Molecular Autism</i> , <b>2018</b> , 9, 12  | 6.5  | 33  |
| 280 | Detecting stable individual differences in the functional organization of the human basal ganglia. <i>NeuroImage</i> , <b>2018</b> , 170, 68-82   | 7.9  | 14  |
| 279 | Research Review: Diffusion tensor imaging studies of attention-deficit/hyperactivity disorder: meta-analyses and reflections on head motion. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2018</b> , 59, 193-202   | 7.9  | 54  |

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|-----|---|------|-----|
| 278 | Abnormal Serotonin Levels During Perinatal Development Lead to Behavioral Deficits in Adulthood. <i>Frontiers in Behavioral Neuroscience</i> , <b>2018</b> , 12, 114  | 3.5  | 34  |
| 277 | Assessment of the impact of shared brain imaging data on the scientific literature. <i>Nature Communications</i> , <b>2018</b> , 9, 2818  | 17.4 | 53  |
| 276 | Brain-computer-interface-based intervention re-normalizes brain functional network topology in children with attention deficit/hyperactivity disorder. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 149               | 8.6  | 25  |
| 275 | Predicting the Adult Functional Outcomes of Boys With ADHD 33 Years Later. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2018</b> , 57, 571-582.e1   | 7.2  | 19  |
| 274 | When attention is intact in adults with ADHD. <i>Psychonomic Bulletin and Review</i> , <b>2018</b> , 25, 1423-1434  | 4.1  | 15  |
| 273 | Altered intrinsic functional connectivity of the cingulate cortex in children with severe temper outbursts. <i>Development and Psychopathology</i> , <b>2018</b> , 30, 571-579  | 4.3  | 4   |
| 272 | Diffusional kurtosis imaging of the corpus callosum in autism. <i>Molecular Autism</i> , <b>2018</b> , 9, 62  | 6.5  | 17  |
| 271 | Cogmed Working Memory Training Presents Unique Implementation Challenges in Adults With ADHD. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 388   | 5    | 3   |
| 270 | 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> , <b>2018</b> , 115, E5154-E5163 | 11.5 | 182 |
| 269 | Aberrant development of intrinsic brain activity in a rat model of caregiver maltreatment of offspring. <i>Translational Psychiatry</i> , <b>2017</b> , 7, e1005  | 8.6  | 42  |
| 268 | Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , <b>2017</b> , 4, 310-319             | 23.3 | 354 |
| 267 | Neural mechanisms of individual differences in temporal discounting of monetary and primary rewards in adolescents. <i>NeuroImage</i> , <b>2017</b> , 153, 198-210  | 7.9  | 18  |
| 266 | Clinical decision support systems in child and adolescent psychiatry: a systematic review. <i>European Child and Adolescent Psychiatry</i> , <b>2017</b> , 26, 1309-1317  | 5.5  | 10  |
| 265 | Computerized cognitive training for children with neurofibromatosis type 1: A pilot resting-state fMRI study. <i>Psychiatry Research - Neuroimaging</i> , <b>2017</b> , 266, 53-58  | 2.9  | 9   |
| 264 | Individual differences in functional connectivity during naturalistic viewing conditions. <i>NeuroImage</i> , <b>2017</b> , 157, 521-530  | 7.9  | 108 |
| 263 | Enhancing studies of the connectome in autism using the autism brain imaging data exchange II. <i>Scientific Data</i> , <b>2017</b> , 4, 170010   | 8.2  | 224 |
| 262 | Analysis of alcohol use disorders from the Nathan Kline Institute-Rockland Sample: Correlation of brain cortical thickness with neuroticism. <i>Drug and Alcohol Dependence</i> , <b>2017</b> , 170, 66-73                  | 4.9  | 8   |
| 261 | The real-time fMRI neurofeedback based stratification of Default Network Regulation Neuroimaging data repository. <i>NeuroImage</i> , <b>2017</b> , 146, 157-170  | 7.9  | 25  |

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| 260 | Distinct effects of childhood ADHD and cannabis use on brain functional architecture in young adults. <i>NeuroImage: Clinical</i> , <b>2017</b> , 13, 188-200   | 5.3  | 14  |
| 259 | Data-Driven Phenotypic Categorization for Neurobiological Analyses: Beyond DSM-5 Labels. <i>Biological Psychiatry</i> , <b>2017</b> , 81, 484-494   | 7.9  | 46  |
| 258 | An open resource for transdiagnostic research in pediatric mental health and learning disorders. <i>Scientific Data</i> , <b>2017</b> , 4, 170181   | 8.2  | 181 |
| 257 | Childhood Attention-Deficit/Hyperactivity Disorder and Homelessness: A 33-Year Follow-Up Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2016</b> , 55, 931-936   | 7.2  | 9   |
| 256 | Situating the default-mode network along a principal gradient of macroscale cortical organization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 12574-12579  | 11.5 | 706 |
| 255 | Annual Research Review: Discovery science strategies in studies of the pathophysiology of child and adolescent psychiatric disorders--promises and limitations. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2016</b> , 57, 421-39 | 7.9  | 41  |
| 254 | Attention Networks <b>2016</b> , 1-15   |      |     |
| 253 | Functional Decoding and Meta-analytic Connectivity Modeling in Adult Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , <b>2016</b> , 80, 896-904   | 7.9  | 21  |
| 252 | Mode of Anisotropy Reveals Global Diffusion Alterations in Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2016</b> , 55, 137-45   | 7.2  | 22  |
| 251 | Linkage and association analysis of ADHD endophenotypes in extended and multigenerational pedigrees from a genetic isolate. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 1434-40   | 15.1 | 15  |
| 250 | Intrinsic Functional Connectivity in Attention-Deficit/Hyperactivity Disorder: A Science in Development. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2016</b> , 1, 253-261   | 3.4  | 86  |
| 249 | Genetic and Environmental Contributions to Functional Connectivity Architecture of the Human Brain. <i>Cerebral Cortex</i> , <b>2016</b> , 26, 2341-2352  | 5.1  | 70  |
| 248 | APOE*E2 allele delays age of onset in PSEN1 E280A Alzheimer's disease. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 916-24   | 15.1 | 60  |
| 247 | Go/No Go task performance predicts cortical thickness in the caudal inferior frontal gyrus in young adults with and without ADHD. <i>Brain Imaging and Behavior</i> , <b>2016</b> , 10, 880-92  | 4.1  | 15  |
| 246 | Chapter 11 Imaging the striatum in autism spectrum disorder <b>2016</b> , 189-218   |      | 1   |
| 245 | Attention Networks <b>2016</b> , 1705-1719  |      |     |
| 244 | Top-Down Dysregulation-From ADHD to Emotional Instability. <i>Frontiers in Behavioral Neuroscience</i> , <b>2016</b> , 10, 70   | 3.5  | 79  |
| 243 | Imaging the "At-Risk" Brain: Future Directions. <i>Journal of the International Neuropsychological Society</i> , <b>2016</b> , 22, 164-79   | 3.1  | 13  |

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| 242 | Neural Correlates of Symptom Improvement Following Stimulant Treatment in Adults with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , <b>2016</b> , 26, 527-36 | 2.9 | 15  |
| 241 | Differential effects of methylphenidate and atomoxetine on intrinsic brain activity in children with attention deficit hyperactivity disorder. <i>Psychological Medicine</i> , <b>2016</b> , 46, 3173-3185           | 6.9 | 24  |
| 240 | Sleep and meal-time misalignment alters functional connectivity: a pilot resting-state study. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 1813-1816  | 5.5 | 7   |
| 239 | Quantile rank maps: a new tool for understanding individual brain development. <i>NeuroImage</i> , <b>2015</b> , 111, 454-63   | 7.9 | 12  |
| 238 | Inscapes: A movie paradigm to improve compliance in functional magnetic resonance imaging. <i>NeuroImage</i> , <b>2015</b> , 122, 222-32   | 7.9 | 163 |
| 237 | Stimulants, cognition and ADHD. <i>Current Opinion in Behavioral Sciences</i> , <b>2015</b> , 4, 109-114   | 4   | 8   |
| 236 | Locomotor activity measures in the diagnosis of attention deficit hyperactivity disorder: Meta-analyses and new findings. <i>Journal of Neuroscience Methods</i> , <b>2015</b> , 252, 14-26                          | 3   | 23  |
| 235 | Sensation-to-cognition cortical streams in attention-deficit/hyperactivity disorder. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 2544-57  | 5.9 | 34  |
| 234 | Intrinsic brain indices of verbal working memory capacity in children and adolescents. <i>Developmental Cognitive Neuroscience</i> , <b>2015</b> , 15, 67-82   | 5.5 | 28  |
| 233 | Short-term test-retest reliability of resting state fMRI metrics in children with and without attention-deficit/hyperactivity disorder. <i>Developmental Cognitive Neuroscience</i> , <b>2015</b> , 15, 83-93        | 5.5 | 41  |
| 232 | Attention Deficit/Hyperactivity Disorder <b>2015</b> , 42-58   |     | 2   |
| 231 | Neuroanatomic and cognitive abnormalities in attention-deficit/hyperactivity disorder in the era of high definition neuroimaging. <i>Current Opinion in Neurobiology</i> , <b>2015</b> , 30, 1-8                     | 7.6 | 37  |
| 230 | Cortical thickness abnormalities associated with dyslexia, independent of remediation status. <i>NeuroImage: Clinical</i> , <b>2015</b> , 7, 177-86  | 5.3 | 28  |
| 229 | Strengthening connections: functional connectivity and brain plasticity. <i>Neuropsychology Review</i> , <b>2014</b> , 24, 63-76   | 7.7 | 71  |
| 228 | A multivariate distance-based analytic framework for connectome-wide association studies. <i>NeuroImage</i> , <b>2014</b> , 93 Pt 1, 74-94   | 7.9 | 115 |
| 227 | Connectivity trajectory across lifespan differentiates the precuneus from the default network. <i>NeuroImage</i> , <b>2014</b> , 89, 45-56   | 7.9 | 97  |
| 226 | Topological organization of the human brain functional connectome across the lifespan. <i>Developmental Cognitive Neuroscience</i> , <b>2014</b> , 7, 76-93  | 5.5 | 261 |
| 225 | An 1H-MRS framework predicts the onset of Alzheimer's disease symptoms in PSEN1 mutation carriers. <i>Alzheimer's and Dementia</i> , <b>2014</b> , 10, 552-61  | 1.2 | 24  |

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|-----|---|------|------|
| 224 | Commentary: The best and worst of times--the prospects for magnetic resonance imaging (MRI) of developmental psychopathologies--a commentary on Horga et al. (2014). <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2014</b> , 55, 681-4 | 7.9  | 1    |
| 223 | Abnormal amygdala functional connectivity associated with emotional lability in children with attention-deficit/hyperactivity disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2014</b> , 53, 351-61.e1                         | 7.2  | 77   |
| 222 | Response time intra-subject variability: commonalities between children with autism spectrum disorders and children with ADHD. <i>European Child and Adolescent Psychiatry</i> , <b>2014</b> , 23, 69-79  | 5.5  | 39   |
| 221 | An open science resource for establishing reliability and reproducibility in functional connectomics. <i>Scientific Data</i> , <b>2014</b> , 1, 140049  | 8.2  | 247  |
| 220 | Stereoscopic three-dimensional visualization applied to multimodal brain images: clinical applications and a functional connectivity atlas. <i>Frontiers in Neuroscience</i> , <b>2014</b> , 8, 328   | 5.1  | 8    |
| 219 | Unraveling the miswired connectome: a developmental perspective. <i>Neuron</i> , <b>2014</b> , 83, 1335-53  | 13.9 | 232  |
| 218 | Functional connectivity and temporal variability of brain connections in adults with attention deficit/hyperactivity disorder and bipolar disorder. <i>Neuropsychobiology</i> , <b>2014</b> , 69, 65-75   | 4    | 34   |
| 217 | Increased response-time variability across different cognitive tasks in children with ADHD. <i>Journal of Attention Disorders</i> , <b>2014</b> , 18, 434-46  | 3.7  | 27   |
| 216 | Abnormal synchrony and effective connectivity in patients with schizophrenia and auditory hallucinations. <i>NeuroImage: Clinical</i> , <b>2014</b> , 6, 171-9  | 5.3  | 17   |
| 215 | Multimodal MR imaging of brain iron in attention deficit hyperactivity disorder: a noninvasive biomarker that responds to psychostimulant treatment?. <i>Radiology</i> , <b>2014</b> , 272, 524-32  | 20.5 | 45   |
| 214 | Constrained by our connections: white matter key role in interindividual variability in visual working memory capacity. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 14913-8  | 6.6  | 21   |
| 213 | The relationship between ADHD and obesity: implications for therapy. <i>Expert Review of Neurotherapeutics</i> , <b>2014</b> , 14, 473-9  | 4.3  | 51   |
| 212 | Attention-deficit/hyperactivity disorder without comorbidity is associated with distinct atypical patterns of cerebral microstructural development. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 2148-62  | 5.9  | 41   |
| 211 | Entrainment of neural oscillations as a modifiable substrate of attention. <i>Trends in Cognitive Sciences</i> , <b>2014</b> , 18, 300-9  | 14   | 156  |
| 210 | The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 659-67  | 15.1 | 1182 |
| 209 | Connectivity. <i>Current Topics in Behavioral Neurosciences</i> , <b>2014</b> , 16, 49-77   | 3.4  | 6    |
| 208 | Cognitive variability in adults with ADHD and AS: disentangling the roles of executive functions and social cognition. <i>Research in Developmental Disabilities</i> , <b>2013</b> , 34, 817-30   | 2.7  | 52   |
| 207 | Relationship of trauma symptoms to amygdala-based functional brain changes in adolescents. <i>Journal of Traumatic Stress</i> , <b>2013</b> , 26, 784-7   | 3.8  | 27   |



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|-----|---|------|------|
| 206 | White matter alterations at 33-year follow-up in adults with childhood attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , <b>2013</b> , 74, 591-8   | 7.9  | 89   |
| 205 | Making data sharing work: the FCP/INDI experience. <i>NeuroImage</i> , <b>2013</b> , 82, 683-91   | 7.9  | 183  |
| 204 | Symptomatology of autism spectrum disorder in a population with neurofibromatosis type 1. <i>Developmental Medicine and Child Neurology</i> , <b>2013</b> , 55, 131-8   | 3.3  | 78   |
| 203 | Shared and distinct intrinsic functional network centrality in autism and attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , <b>2013</b> , 74, 623-32   | 7.9  | 211  |
| 202 | Clinical applications of the functional connectome. <i>NeuroImage</i> , <b>2013</b> , 80, 527-40  | 7.9  | 232  |
| 201 | Imaging human connectomes at the macroscale. <i>Nature Methods</i> , <b>2013</b> , 10, 524-39   | 21.6 | 294  |
| 200 | A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics. <i>NeuroImage</i> , <b>2013</b> , 76, 183-201   | 7.9  | 1016 |
| 199 | Toward reliable characterization of functional homogeneity in the human brain: preprocessing, scan duration, imaging resolution and computational space. <i>NeuroImage</i> , <b>2013</b> , 65, 374-86   | 7.9  | 325  |
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| 11 | Relative Concentration of Brain Iron (rcFe) Derived from Standard Functional MRI  |     | 1   |
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