# Sarah Durston

List of Publications by Year
in descending order



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|---|---|---|---|
| 121 papers | 13,675 citations | 31902 53 h-index | 24179 110 g-index |
| 135 all docs | 135 docs citations | 135 times ranked | 14498 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Reproducibility in the absence of selective reporting: AnÂillustration from largeâ€scale brain asymmetry research. Human Brain Mapping, 2022, 43, 244-254. | 1.9 | 16 |
| 2 | Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <scp>ENIGMA</scp> adventure. Human Brain Mapping, 2022, 43, 37-55. | 1.9 | 61 |
| 3 | Interindividual Differences in Cortical Thickness and Their Genomic Underpinnings in Autism Spectrum Disorder. American Journal of Psychiatry, 2022, 179, 242-254. | 4.0 | 28 |
| 4 | Subtly altered topological asymmetry of brain structural covariance networks in autism spectrum disorder across 43 datasets from the ENIGMA consortium. Molecular Psychiatry, 2022, 27, 2114-2125. | 4.1 | 25 |
| 5 | Neurobiological Correlates of Change in Adaptive Behavior in Autism. American Journal of Psychiatry, 2022, 179, 336-349. | 4.0 | 15 |
| 6 | Resting state EEG power spectrum and functional connectivity in autism: a cross-sectional analysis. Molecular Autism, 2022, 13, 22. | 2.6 | 20 |
| 7 | Cerebellar Atypicalities in Autism?. Biological Psychiatry, 2022, 92, 674-682. | 0.7 | 20 |
| 8 | In-depth characterization of neuroradiological findings in a large sample of individuals with autism spectrum disorder and controls. NeuroImage: Clinical, 2022, 35, 103118. | 1.4 | 3 |
| 9 | Atypical Brain Asymmetry in Autismâ€"A Candidate for Clinically Meaningful Stratification. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 802-812. | 1.1 | 36 |
| 10 | Temporal Profiles of Social Attention Are Different Across Development in Autistic and Neurotypical People. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 813-824. | 1.1 | 21 |
| 11 | Which Child Will Benefit From a Behavioral Intervention for ADHD? A Pilot Study to Predict Intervention Efficacy From Individual Reward Sensitivity. Journal of Attention Disorders, 2021, 25, 1754-1764. | 1.5 | 2 |
| 12 | Developmental changes in fronto-striatal glutamate and their association with functioning during inhibitory control in autism spectrum disorder and obsessive compulsive disorder. NeuroImage: Clinical, 2021, 30, 102622. | 1.4 | 12 |
| 13 | Alcohol and Brain Development in Adolescents and Young Adults: A Systematic Review of the Literature and Advisory Report of the Health Council of the Netherlands. Advances in Nutrition, 2021, 12, 1379-1410. | 2.9 | 15 |
| 14 | 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. | 3.1 | 14 |
| 15 | Towards robust and replicable sex differences in the intrinsic brain function of autism. Molecular Autism, 2021, 12, 19. | 2.6 | 40 |
| 16 | Analysis of structural brain asymmetries in attentionâ€deficit/hyperactivity disorder in 39 datasets. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1202-1219. | 3.1 | 40 |
| 17 | Imbalanced social-communicative and restricted repetitive behavior subtypes of autism spectrum disorder exhibit different neural circuitry. Communications Biology, 2021, 4, 574. | 2.0 | 17 |
| 18 | The development of cognitive control in children with autism spectrum disorder or obsessive-compulsive disorder: A longitudinal fMRI study. NeuroImage Reports, 2021, 1, 100015. | 0.5 | 0 |

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|---|---|---|---|
| 19 | Towards an integrated account of the development of self-regulation from a neurocognitive perspective: A framework for current and future longitudinal multi-modal investigations. Developmental Cognitive Neuroscience, 2020, 45, 100829. | 1.9 | 26 |
| 20 | Gray matter covariations and core symptoms of autism: the EU-AIMS Longitudinal European Autism Project. Molecular Autism, 2020, 11, 86. | 2.6 | 25 |
| 21 | 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. | 4.0 | 120 |
| 22 | Social brain activation during mentalizing in a large autism cohort: the Longitudinal European Autism Project. Molecular Autism, 2020, 11, 17. | 2.6 | 40 |
| 23 | Shared vulnerability for connectome alterations across psychiatric and neurological brain disorders. Nature Human Behaviour, 2019, 3, 988-998. | 6.2 | 75 |
| 24 | Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. Nature Communications, 2019, 10, 4958. | 5.8 | 167 |
| 25 | Individualized Prediction of Transition to Psychosis in 1,676 Individuals at Clinical High Risk: Development and Validation of a Multivariable Prediction Model Based on Individual Patient Data Meta-Analysis. Frontiers in Psychiatry, 2019, 10, 345. | 1.3 | 29 |
| 26 | 10Kin1day: A Bottom-Up Neuroimaging Initiative. Frontiers in Neurology, 2019, 10, 425. | 1.1 | 15 |
| 27 | 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. | 4.0 | 261 |
| 28 | Investigating the factors underlying adaptive functioning in autism in the EUâ€AIMS Longitudinal European Autism Project. Autism Research, 2019, 12, 645-657. | 2.1 | 87 |
| 29 | Dissecting the Heterogeneous Cortical AnatomyÂof Autism Spectrum Disorder Using Normative Models. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 567-578. | 1.1 | 97 |
| 30 | Frontostriatal functional connectivity correlates with repetitive behaviour across autism spectrum disorder and obsessiveâ€“compulsive disorder. Psychological Medicine, 2019, 49, 2247-2255. | 2.7 | 20 |
| 31 | Altered Connectivity Between Cerebellum, Visual, and Sensory-Motor Networks in Autism Spectrum Disorder: Results from the EU-AIMS Longitudinal European Autism Project. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 260-270. | 1.1 | 82 |
| 32 | Can we use neuroimaging data to differentiate between subgroups of children with ADHD symptoms: A proof of concept study using latent class analysis of brain activity. NeuroImage: Clinical, 2019, 21, 101601. | 1.4 | 17 |
| 33 | No evidence of differences in cognitive control in children with autism spectrum disorder or obsessive-compulsive disorder: An fMRI study. Developmental Cognitive Neuroscience, 2019, 36, 100602. | 1.9 | 16 |
| 34 | Children with ADHD symptoms show deficits in reactive but not proactive inhibition, irrespective of their formal diagnosis. Psychological Medicine, 2018, 48, 2515-2521. | 2.7 | 37 |
| 35 | A multicohort, longitudinal study of cerebellar development in attention deficit hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2018, 59, 1114-1123. | 3.1 | 34 |
| 36 | A multisample study of longitudinal changes in brain network architecture in 4â€“13â€yearâ€old children. Human Brain Mapping, 2018, 39, 157-170. | 1.9 | 26 |

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|---|---|---|---|
| 37 | Striatal structure and its association with N-Acetylaspartate and glutamate in autism spectrum disorder and obsessive compulsive disorder. European Neuropsychopharmacology, 2018, 28, 118-129. | 0.3 | 18 |
| 38 | 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. | 4.0 | 356 |
| 39 | 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. | 3.3 | 299 |
| 40 | Glutamatergic Agents in the Treatment of Compulsivity and Impulsivity in Child and Adolescent Psychiatry: a Systematic Review of the Literature. Zeitschrift FÃœr Kinder- Und Jugendpsychiatrie Und Psychotherapie, 2018, 46, 246-263. | 0.4 | 16 |
| 41 | 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. | 3.7 | 565 |
| 42 | Structural and functional connectivity in children and adolescents with and without attention deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 810-818. | 3.1 | 62 |
| 43 | Development of cortical thickness and surface area in autism spectrum disorder. NeuroImage: Clinical, 2017, 13, 215-222. | 1.4 | 59 |
| 44 | What to expect and when to expect it: an fMRI study of expectancy in children with ADHD symptoms. European Child and Adolescent Psychiatry, 2017, 26, 583-590. | 2.8 | 6 |
| 45 | Neural correlates of preferred activities: development of an interest-specific go/nogo task. Social Cognitive and Affective Neuroscience, 2017, 12, 1890-1901. | 1.5 | 3 |
| 46 | What can Cortical Development in Attention-Deficit/Hyperactivity Disorder Teach us About the Early Developmental Mechanisms Involved?. Cerebral Cortex, 2017, 27, 4624-4634. | 1.6 | 42 |
| 47 | Auditory processing in autism spectrum disorder: Mismatch negativity deficits. Autism Research, 2017, 10, 1857-1865. | 2.1 | 49 |
| 48 | The EU-AIMS Longitudinal European Autism Project (LEAP): design and methodologies to identify and validate stratification biomarkers for autism spectrum disorders. Molecular Autism, 2017, 8, 24. | 2.6 | 183 |
| 49 | The EU-AIMS Longitudinal European Autism Project (LEAP): clinical characterisation. Molecular Autism, 2017, 8, 27. | 2.6 | 126 |
| 50 | Children with <scp>ADHD</scp> symptoms show decreased activity in ventral striatum during the anticipation of reward, irrespective of <scp>ADHD</scp> diagnosis. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 206-214. | 3.1 | 36 |
| 51 | Individual prediction of long-term outcome in adolescents at ultra-high risk for psychosis: Applying machine learning techniques to brain imaging data. Human Brain Mapping, 2017, 38, 704-714. | 1.9 | 56 |
| 52 | Fronto-Striatal Glutamate in Autism Spectrum Disorder and Obsessive Compulsive Disorder. Neuropsychopharmacology, 2017, 42, 2456-2465. | 2.8 | 39 |
| 53 | XKR4 Gene Effects on Cerebellar Development Are Not Specific to ADHD. Frontiers in Cellular Neuroscience, 2017, 11, 396. | 1.8 | 4 |
| 54 | Bumetanide As a Candidate Treatment for Behavioral Problems in Tuberous Sclerosis Complex. Frontiers in Neurology, 2017, 8, 469. | 1.1 | 11 |

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|---|---|---|---|
| 55 | The development of brain network architecture. Human Brain Mapping, 2016, 37, 717-729. | 1.9 | 58 |
| 56 | Brain development in adolescents at ultra-high risk for psychosis: Longitudinal changes related to resilience. NeuroImage: Clinical, 2016, 12, 542-549. | 1.4 | 43 |
| 57 | COMPULS: design of a multicenter phenotypic, cognitive, genetic, and magnetic resonance imaging study in children with compulsive syndromes. BMC Psychiatry, 2016, 16, 361. | 1.1 | 13 |
| 58 | Identification and validation of biomarkers for autism spectrum disorders. Nature Reviews Drug Discovery, 2016, 15, 70-70. | 21.5 | 117 |
| 59 | Effects of omega-3 polyunsaturated fatty acids on human brain morphology and function: What is the evidence?. European Neuropsychopharmacology, 2016, 26, 546-561. | 0.3 | 63 |
| 60 | Changes in Thickness and Surface Area of the Human Cortex and Their Relationship with Intelligence. Cerebral Cortex, 2015, 25, 1608-1617. | 1.6 | 290 |
| 61 | Capturing the dynamics of response variability in the brain in ADHD. NeuroImage: Clinical, 2015, 7, 132-141. | 1.4 | 39 |
| 62 | Reduced Gyrification Is Related to Reduced Interhemispheric Connectivity in Autism Spectrum Disorders. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 668-676. | 0.3 | 37 |
| 63 | DRD3 gene and striatum in autism spectrum disorder. British Journal of Psychiatry, 2015, 206, 431-432. | 1.7 | 27 |
| 64 | Reduced Symptoms of Inattention after Dietary Omega-3 Fatty Acid Supplementation in Boys with and without Attention Deficit/Hyperactivity Disorder. Neuropsychopharmacology, 2015, 40, 2298-2306. | 2.8 | 80 |
| 65 | Developmental differences in intraâ€individual variability in children with <scp>ADHD</scp> and <scp>ASD</scp>. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2015, 56, 1316-1326. | 3.1 | 22 |
| 66 | Childhood trauma and clinical outcome in patients at ultra-high risk of transition to psychosis. Schizophrenia Research, 2015, 169, 193-198. | 1.1 | 40 |
| 67 | Reward Anticipation in Ventral Striatum and Individual Sensitivity to Reward: A Pilot Study of a Child-Friendly fMRI Task. PLoS ONE, 2015, 10, e0142413. | 1.1 | 10 |
| 68 | Adolescents let sufficient evidence accumulate before making a decision when large incentives are at stake. Developmental Science, 2014, 17, 59-70. | 1.3 | 41 |
| 69 | Typical development of basal ganglia, hippocampus, amygdala and cerebellum from age 7 to 24. NeuroImage, 2014, 96, 67-72. | 2.1 | 235 |
| 70 | Unique developmental trajectories of cortical thickness and surface area. NeuroImage, 2014, 87, 120-126. | 2.1 | 458 |
| 71 | Common and unique neural networks for proactive and reactive response inhibition revealed by independent component analysis of functional MRI data. NeuroImage, 2014, 103, 65-74. | 2.1 | 103 |
| 72 | The Impact of Stimulants on Cognition and the Brain in Attention-Deficit/Hyperactivity Disorder: What Does Age Have to Do With It?. Biological Psychiatry, 2014, 76, 596-598. | 0.7 | 2 |

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|---|---|---|---|
| 73 | Developmental differences in higher-order resting-state networks in Autism Spectrum Disorder. NeuroImage: Clinical, 2014, 4, 820-827. | 1.4 | 42 |
| 74 | Changes in the Development of Striatum Are Involved in Repetitive Behavior in Autism. Biological Psychiatry, 2014, 76, 405-411. | 0.7 | 194 |
| 75 | Neurocognitive and Clinical Predictors of Long-Term Outcome in Adolescents at Ultra-High Risk for Psychosis: A 6-Year Follow-Up. PLoS ONE, 2014, 9, e93994. | 1.1 | 70 |
| 76 | MR imaging of the effects of methylphenidate on brain structure and function in Attention-Deficit/Hyperactivity Disorder. European Neuropsychopharmacology, 2013, 23, 1151-1164. | 0.3 | 76 |
| 77 | Imaging gene and environmental effects on cerebellum in Attention-Deficit/Hyperactivity Disorder and typical development. NeuroImage: Clinical, 2013, 2, 103-110. | 1.4 | 11 |
| 78 | Progressive Structural Brain Changes During Development of Psychosis. Schizophrenia Bulletin, 2012, 38, 519-530. | 2.3 | 142 |
| 79 | Fronto-striatal circuitry and inhibitory control in autism: Findings from diffusion tensor imaging tractography. Cortex, 2012, 48, 183-193. | 1.1 | 208 |
| 80 | Differential Brain Development with Low and High IQ in Attention-Deficit/Hyperactivity Disorder. PLoS ONE, 2012, 7, e35770. | 1.1 | 55 |
| 81 | Decreased frontostriatal microstructural organization in attention deficit/hyperactivity disorder. Human Brain Mapping, 2012, 33, 1941-1951. | 1.9 | 65 |
| 82 | Deficits in Cognitive Control, Timing and Reward Sensitivity Appear to be Dissociable in ADHD. PLoS ONE, 2012, 7, e51416. | 1.1 | 53 |
| 83 | Differentiating Frontostriatal and Fronto-Cerebellar Circuits in Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2011, 69, 1178-1184. | 0.7 | 211 |
| 84 | Functional connectivity between cognitive control regions is sensitive to familial risk for ADHD. Human Brain Mapping, 2011, 32, 1511-1518. | 1.9 | 13 |
| 85 | The neurobiology of repetitive behavior: â€¦and men. Neuroscience and Biobehavioral Reviews, 2011, 35, 356-365. | 2.9 | 218 |
| 86 | The neurobiology of repetitive behavior: Of miceâ€¦. Neuroscience and Biobehavioral Reviews, 2011, 35, 345-355. | 2.9 | 167 |
| 87 | Challenges and methods in developmental neuroimaging. Human Brain Mapping, 2010, 31, 835-837. | 1.9 | 16 |
| 88 | Basic Impairments in Regulating the Speed-Accuracy Tradeoff Predict Symptoms of Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2010, 68, 1114-1119. | 0.7 | 113 |
| 89 | Imaging genetics in ADHD. NeuroImage, 2010, 53, 832-838. | 2.1 | 68 |
| 90 | Functional MRI and Response Inhibition in Children Exposed to Cocaine in utero. Developmental Neuroscience, 2009, 31, 159-166. | 1.0 | 58 |

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|---|---|---|---|
| 91 | No differences in MR-based volumetry between 2- and 7-year-old children with autism spectrum disorder and developmental delay. Brain and Development, 2009, 31, 725-730. | 0.6 | 27 |
| 92 | Imaging genetics in ADHD: A focus on cognitive control. Neuroscience and Biobehavioral Reviews, 2009, 33, 674-689. | 2.9 | 75 |
| 93 | Changes in the Developmental Trajectories of Striatum in Autism. Biological Psychiatry, 2009, 66, 327-333. | 0.7 | 225 |
| 94 | No evidence for structural brain changes in young adolescents at ultra high risk for psychosis. Schizophrenia Research, 2009, 112, 1-6. | 1.1 | 33 |
| 95 | Magnetic Resonance Simulation is Effective in Reducing Anxiety Related to Magnetic Resonance Scanning in Children. Journal of the American Academy of Child and Adolescent Psychiatry, 2009, 48, 206-207. | 0.3 | 37 |
| 96 | Converging methods in studying attention-deficit/hyperactivity disorder: What can we learn from neuroimaging and genetics?. Development and Psychopathology, 2008, 20, 1133-1143. | 1.4 | 33 |
| 97 | Familial Vulnerability to ADHD Affects Activity in the Cerebellum in Addition to the Prefrontal Systems. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 68-75. | 0.3 | 72 |
| 98 | Dopamine Transporter Genotype Conveys Familial Risk of Attention-Deficit/Hyperactivity Disorder Through Striatal Activation. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 61-67. | 0.3 | 97 |
| 99 | Neuroimaging in Child Psychiatry. , 2008, , 238-249. | | 0 |
| 100 | New potential leads in the biology and treatment of attention deficit-hyperactivity disorder. Current Opinion in Neurology, 2007, 20, 119-124. | 1.8 | 86 |
| 101 | Converging Evidence for a Fronto-Basal-Ganglia Network for Inhibitory Control of Action and Cognition: Figure 1.. Journal of Neuroscience, 2007, 27, 11860-11864. | 1.7 | 461 |
| 102 | Caudate Nucleus Is Enlarged in High-Functioning Medication-Naive Subjects with Autism. Biological Psychiatry, 2007, 62, 262-266. | 0.7 | 181 |
| 103 | Neural and behavioral correlates of expectancy violations in attention-deficit hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2007, 48, 881-889. | 3.1 | 88 |
| 104 | Integrating genetic, psychopharmacological and neuroimaging studies: A converging methods approach to understanding the neurobiology of ADHD. Developmental Review, 2007, 27, 374-395. | 2.6 | 35 |
| 105 | Activation in Ventral Prefrontal Cortex is Sensitive to Genetic Vulnerability for Attention-Deficit Hyperactivity Disorder. Biological Psychiatry, 2006, 60, 1062-1070. | 0.7 | 174 |
| 106 | From Behavior to Cognition to the Brain and Back: What Have We Learned From Functional Imaging Studies of Attention Deficit Hyperactivity Disorder?. American Journal of Psychiatry, 2006, 163, 957-960. | 4.0 | 71 |
| 107 | No evidence for preferential involvement of medial temporal lobe structures in high-functioning autism. Psychological Medicine, 2006, 36, 827-834. | 2.7 | 50 |
| 108 | A shift from diffuse to focal cortical activity with development. Developmental Science, 2006, 9, 1-8. | 1.3 | 598 |

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|---|---|---|---|
| 109 | A shift from diffuse to focal cortical activity with development: the authors' reply. Developmental Science, 2006, 9, 18-20. | 1.3 | 29 |
| 110 | Radiological findings in autistic and developmentally delayed children. Brain and Development, 2006, 28, 495-499. | 0.6 | 42 |
| 111 | What have we learned about cognitive development from neuroimaging?. Neuropsychologia, 2006, 44, 2149-2157. | 0.7 | 253 |
| 112 | Increased gray-matter volume in medication-naive high-functioning children with autism spectrum disorder. Psychological Medicine, 2005, 35, 561-570. | 2.7 | 137 |
| 113 | Imaging the developing brain: what have we learned about cognitive development?. Trends in Cognitive Sciences, 2005, 9, 104-110. | 4.0 | 1,224 |
| 114 | Evidence of Developmental Differences in Implicit Sequence Learning: An fMRI Study of Children and Adults. Journal of Cognitive Neuroscience, 2004, 16, 1339-1351. | 1.1 | 208 |
| 115 | Magnetic Resonance Imaging of Boys With Attention-Deficit/Hyperactivity Disorder and Their Unaffected Siblings. Journal of the American Academy of Child and Adolescent Psychiatry, 2004, 43, 332-340. | 0.3 | 306 |
| 116 | A review of the biological bases of ADHD: What have we learned from imaging studies?. Mental Retardation and Developmental Disabilities Research Reviews, 2003, 9, 184-195. | 3.5 | 335 |
| 117 | Differential patterns of striatal activation in young children with and without ADHD. Biological Psychiatry, 2003, 53, 871-878. | 0.7 | 563 |
| 118 | A neural basis for the development of inhibitory control. Developmental Science, 2002, 5, F9-F16. | 1.3 | 547 |
| 119 | Anatomical MRI of the Developing Human Brain: What Have We Learned?. Journal of the American Academy of Child and Adolescent Psychiatry, 2001, 40, 1012-1020. | 0.3 | 383 |
| 120 | Volumes of Brain Structures in Twins Discordant for Schizophrenia. Archives of General Psychiatry, 2001, 58, 33. | 13.8 | 187 |
| 121 | Evidence for a mechanistic model of cognitive control. Clinical Neuroscience Research, 2001, 1, 267-282. | 0.8 | 138 |