

Marie T Banich

List of Publications by Year in descending order

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Version: 2024-02-01

191
papers

21,135
citations

13865

67
h-index

10734

138
g-index

198
all docs

198
docs citations

198
times ranked

18402
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 43-54. | 4.0 | 1,282 |
| 2 | Ageing, fitness and neurocognitive function. <i>Nature</i> , 1999, 400, 418-419. | 27.8 | 1,189 |
| 3 | Age differences in sensation seeking and impulsivity as indexed by behavior and self-report: Evidence for a dual systems model.. <i>Developmental Psychology</i> , 2008, 44, 1764-1778. | 1.6 | 1,178 |
| 4 | Age Differences in Future Orientation and Delay Discounting. <i>Child Development</i> , 2009, 80, 28-44. | 3.0 | 912 |
| 5 | Executive Function. <i>Current Directions in Psychological Science</i> , 2009, 18, 89-94. | 5.3 | 659 |
| 6 | Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091. | 4.2 | 539 |
| 7 | A unified framework for inhibitory control. <i>Trends in Cognitive Sciences</i> , 2011, 15, 453-459. | 7.8 | 489 |
| 8 | The relative involvement of anterior cingulate and prefrontal cortex in attentional control depends on nature of conflict. <i>Cognitive Brain Research</i> , 2001, 12, 467-473. | 3.0 | 469 |
| 9 | Attentional Control in the Aging Brain: Insights from an fMRI Study of the Stroop Task. <i>Brain and Cognition</i> , 2002, 49, 277-296. | 1.8 | 458 |
| 10 | Age differences in affective decision making as indexed by performance on the Iowa Gambling Task.. <i>Developmental Psychology</i> , 2010, 46, 193-207. | 1.6 | 390 |
| 11 | Prefrontal Regions Orchestrate Suppression of Emotional Memories via a Two-Phase Process. <i>Science</i> , 2007, 317, 215-219. | 12.6 | 383 |
| 12 | fMRI Studies of Stroop Tasks Reveal Unique Roles of Anterior and Posterior Brain Systems in Attentional Selection. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 988-1000. | 2.3 | 367 |
| 13 | Adolescent neurocognitive development and impacts of substance use: Overview of the adolescent brain cognitive development (ABCD) baseline neurocognition battery. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 67-79. | 4.0 | 337 |
| 14 | Asymmetry of perception in free viewing of chimeric faces. <i>Brain and Cognition</i> , 1983, 2, 404-419. | 1.8 | 334 |
| 15 | Common and distinct neural substrates of attentional control in an integrated Simon and spatial Stroop task as assessed by event-related fMRI. <i>NeuroImage</i> , 2004, 22, 1097-1106. | 4.2 | 322 |
| 16 | Inhibition Versus Switching Deficits in Different Forms of Rumination. <i>Psychological Science</i> , 2007, 18, 546-553. | 3.3 | 284 |
| 17 | Practice-related effects demonstrate complementary roles of anterior cingulate and prefrontal cortices in attentional control. This study was supported by the Beckman Institute for Advanced Science and Technology at the University of Illinois, Urbana-Champaign; Carle Clinic, Urbana, Illinois; and NIMH MD/PhD predoctoral National Research Service Award provided support to M.P.M. (MH12415-01). <i>NeuroImage</i> , 2003, 18, 483-493. | 4.2 | 283 |
| 18 | The Missing Link: The Role of Interhemispheric Interaction in Attentional Processing. <i>Brain and Cognition</i> , 1998, 36, 128-157. | 1.8 | 277 |

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|----|--|------|-----------|
| 19 | Prefrontal regions play a predominant role in imposing an attentional "set": evidence from fMRI. <i>Cognitive Brain Research</i> , 2000, 10, 1-9. | 3.0 | 273 |
| 20 | Regional Variation in Interhemispheric Coordination of Intrinsic Hemodynamic Fluctuations. <i>Journal of Neuroscience</i> , 2008, 28, 13754-13764. | 3.6 | 271 |
| 21 | Large-Scale Meta-Analysis of Human Medial Frontal Cortex Reveals Tripartite Functional Organization. <i>Journal of Neuroscience</i> , 2016, 36, 6553-6562. | 3.6 | 268 |
| 22 | Prefrontal cortex activity is reduced in gambling and nongambling substance users during decision-making. <i>Human Brain Mapping</i> , 2007, 28, 1276-1286. | 3.6 | 267 |
| 23 | Paying attention to emotion: An fMRI investigation of cognitive and emotional Stroop tasks. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2003, 3, 81-96. | 2.0 | 264 |
| 24 | Differential engagement of anterior cingulate cortex subdivisions for cognitive and emotional function. <i>Psychophysiology</i> , 2007, 44, 343-351. | 2.4 | 261 |
| 25 | Cognitive control mechanisms, emotion and memory: A neural perspective with implications for psychopathology. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 613-630. | 6.1 | 258 |
| 26 | Interhemispheric Interaction: How Do the Hemispheres Divide and Conquer a Task?. <i>Cortex</i> , 1990, 26, 77-94. | 2.4 | 257 |
| 27 | Competition for priority in processing increases prefrontal cortex's involvement in top-down control: an event-related fMRI study of the stroop task. <i>Cognitive Brain Research</i> , 2003, 17, 212-222. | 3.0 | 254 |
| 28 | Exposure to the Taste of Alcohol Elicits Activation of the Mesocorticolimbic Neurocircuitry. <i>Neuropsychopharmacology</i> , 2008, 33, 1391-1401. | 5.4 | 247 |
| 29 | Are adolescents less mature than adults?: Minors' access to abortion, the juvenile death penalty, and the alleged APA "flip-flop.". <i>American Psychologist</i> , 2009, 64, 583-594. | 4.2 | 243 |
| 30 | Are variations among right-handed individuals in perceptual asymmetries caused by characteristic arousal differences between hemispheres?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1983, 9, 329-359. | 0.9 | 239 |
| 31 | Separate neural representations for physical pain and social rejection. <i>Nature Communications</i> , 2014, 5, 5380. | 12.8 | 229 |
| 32 | General and task-specific frontal lobe recruitment in older adults during executive processes: A fMRI investigation of task-switching. <i>NeuroReport</i> , 2001, 12, 2065-2071. | 1.2 | 226 |
| 33 | Medial Orbitofrontal Cortex Gray Matter Is Reduced in Abstinent Substance-Dependent Individuals. <i>Biological Psychiatry</i> , 2009, 65, 160-164. | 1.3 | 210 |
| 34 | Specificity of regional brain activity in anxiety types during emotion processing. <i>Psychophysiology</i> , 2007, 44, 352-363. | 2.4 | 194 |
| 35 | Suppression of Emotional and Nonemotional Content in Memory. <i>Psychological Science</i> , 2006, 17, 441-447. | 3.3 | 185 |
| 36 | Anterior cingulate cortex: An fMRI analysis of conflict specificity and functional differentiation. <i>Human Brain Mapping</i> , 2005, 25, 328-335. | 3.6 | 180 |

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|----|--|-----|-----------|
| 37 | Resting-state networks predict individual differences in common and specific aspects of executive function. <i>NeuroImage</i> , 2015, 104, 69-78. | 4.2 | 179 |
| 38 | The time course of activity in dorsolateral prefrontal cortex and anterior cingulate cortex during top-down attentional control. <i>NeuroImage</i> , 2010, 50, 1292-1302. | 4.2 | 174 |
| 39 | Emotion-Modulated Performance and Activity in Left Dorsolateral Prefrontal Cortex.. <i>Emotion</i> , 2005, 5, 200-207. | 1.8 | 159 |
| 40 | The cerebral hemispheres cooperate to perform complex but not simple tasks.. <i>Neuropsychology</i> , 2000, 14, 41-59. | 1.3 | 152 |
| 41 | Trait approach and avoidance motivation: Lateralized neural activity associated with executive function. <i>NeuroImage</i> , 2011, 54, 661-670. | 4.2 | 151 |
| 42 | Cognitive Control Reflects Context Monitoring, Not Motoric Stopping, in Response Inhibition. <i>PLoS ONE</i> , 2012, 7, e31546. | 2.5 | 134 |
| 43 | Localization of asymmetric brain function in emotion and depression. <i>Psychophysiology</i> , 2010, 47, 442-454. | 2.4 | 131 |
| 44 | Interhemispheric interaction affected by computational complexity. <i>Neuropsychologia</i> , 1992, 30, 923-929. | 1.6 | 130 |
| 45 | Risky Decisions and Their Consequences: Neural Processing by Boys with Antisocial Substance Disorder. <i>PLoS ONE</i> , 2010, 5, e12835. | 2.5 | 124 |
| 46 | Distracted and down: neural mechanisms of affective interference in subclinical depression. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 654-663. | 3.0 | 122 |
| 47 | The effects of developmental factors on IQ in hemiplegic children. <i>Neuropsychologia</i> , 1990, 28, 35-47. | 1.6 | 120 |
| 48 | Neural Mechanisms of Cognitive Control: An Integrative Model of Stroop Task Performance and fMRI Data. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 22-32. | 2.3 | 117 |
| 49 | Attentional Control Activation Relates to Working Memory in Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2010, 67, 632-640. | 1.3 | 115 |
| 50 | Inhibitory control of memory retrieval and motor processing associated with the right lateral prefrontal cortex: Evidence from deficits in individuals with ADHD. <i>Neuropsychologia</i> , 2010, 48, 3909-3917. | 1.6 | 113 |
| 51 | A penny for your thoughts: dimensions of self-generated thought content and relationships with individual differences in emotional wellbeing. <i>Frontiers in Psychology</i> , 2013, 4, 900. | 2.1 | 111 |
| 52 | Cognitive Control in Adolescence: Neural Underpinnings and Relation to Self-Report Behaviors. <i>PLoS ONE</i> , 2011, 6, e21598. | 2.5 | 110 |
| 53 | Chapter 29 Attentional selection and the processing of task-irrelevant information: insights from fMRI examinations of the Stroop task. <i>Progress in Brain Research</i> , 2001, 134, 459-470. | 1.4 | 108 |
| 54 | Costs and benefits of integrating information between the cerebral hemispheres: A computational perspective.. <i>Neuropsychology</i> , 1998, 12, 380-398. | 1.3 | 105 |

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|----|---|-----|-----------|
| 55 | Co-occurring anxiety influences patterns of brain activity in depression. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2010, 10, 141-156. | 2.0 | 101 |
| 56 | Flexible brain network reconfiguration supporting inhibitory control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10020-10025. | 7.1 | 93 |
| 57 | The sum of the parts does not equal the whole: Evidence from bihemispheric processing.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1992, 18, 763-784. | 0.9 | 92 |
| 58 | Neural Mechanisms of Affective Interference in Schizotypy.. <i>Journal of Abnormal Psychology</i> , 2005, 114, 16-27. | 1.9 | 91 |
| 59 | When Does Stress Help or Harm? The Effects of Stress Controllability and Subjective Stress Response on Stroop Performance. <i>Frontiers in Psychology</i> , 2012, 3, 179. | 2.1 | 90 |
| 60 | The neural basis of sustained and transient attentional control in young adults with ADHD. <i>Neuropsychologia</i> , 2009, 47, 3095-3104. | 1.6 | 84 |
| 61 | FACTORS AFFECTING COGNITIVE FUNCTIONING OF HEMIPLEGIC CHILDREN. <i>Developmental Medicine and Child Neurology</i> , 1987, 29, 27-35. | 2.1 | 81 |
| 62 | Neural inhibition enables selection during language processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16483-16488. | 7.1 | 78 |
| 63 | Choosing Our Words: Retrieval and Selection Processes Recruit Shared Neural Substrates in Left Ventrolateral Prefrontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3470-3482. | 2.3 | 76 |
| 64 | Functional Dissociation of Attentional Selection within PFC: Response and Non-response Related Aspects of Attentional Selection as Ascertained by fMRI. <i>Cerebral Cortex</i> , 2006, 16, 827-834. | 2.9 | 75 |
| 65 | Functional connectivity at rest is sensitive to individual differences in executive function: A network analysis. <i>Human Brain Mapping</i> , 2016, 37, 2959-2975. | 3.6 | 73 |
| 66 | Behavioral performance predicts grey matter reductions in the right inferior frontal gyrus in young adults with combined type ADHD. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 231-237. | 1.8 | 72 |
| 67 | Neuropsychological correlates of alogia and affective flattening in schizophrenia. <i>Biological Psychiatry</i> , 1994, 35, 164-172. | 1.3 | 71 |
| 68 | Face recognition: A general or specific right hemisphere capacity?. <i>Brain and Cognition</i> , 1988, 8, 303-325. | 1.8 | 69 |
| 69 | The utility of twins in developmental cognitive neuroscience research: How twins strengthen the ABCD research design. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 30-42. | 4.0 | 69 |
| 70 | A Life-Span Perspective on Interaction Between the Cerebral Hemispheres. <i>Developmental Neuropsychology</i> , 2000, 18, 1-10. | 1.4 | 68 |
| 71 | Globalâ€“local interference modulated by communication between the hemispheres.. <i>Journal of Experimental Psychology: General</i> , 1999, 128, 283-308. | 2.1 | 67 |
| 72 | Individual differences in regional prefrontal gray matter morphometry and fractional anisotropy are associated with different constructs of executive function. <i>Brain Structure and Function</i> , 2015, 220, 1291-1306. | 2.3 | 67 |

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|----|---|-----|-----------|
| 73 | A brain network instantiating approach and avoidance motivation. <i>Psychophysiology</i> , 2012, 49, 1200-1214. | 2.4 | 66 |
| 74 | Reduced Neural Tracking of Prediction Error in Substance-Dependent Individuals. <i>American Journal of Psychiatry</i> , 2013, 170, 1356-1363. | 7.2 | 64 |
| 75 | Behavioral conflict, anterior cingulate cortex, and experiment duration: Implications of diverging data. <i>Human Brain Mapping</i> , 2004, 21, 98-107. | 3.6 | 62 |
| 76 | Depression and anxious apprehension distinguish frontocingulate cortical activity during top-down attentional control.. <i>Journal of Abnormal Psychology</i> , 2011, 120, 272-285. | 1.9 | 61 |
| 77 | Recreational marijuana use impacts white matter integrity and subcortical (but not cortical) morphometry. <i>NeuroImage: Clinical</i> , 2016, 12, 47-56. | 2.7 | 61 |
| 78 | Reduced cortical gray matter volume in male adolescents with substance and conduct problems. <i>Drug and Alcohol Dependence</i> , 2011, 118, 295-305. | 3.2 | 60 |
| 79 | Resting-state activity in the left executive control network is associated with behavioral approach and is increased in substance dependence. <i>Drug and Alcohol Dependence</i> , 2013, 129, 1-7. | 3.2 | 60 |
| 80 | Responding to threat: Hemispheric asymmetries and interhemispheric division of input.. <i>Neuropsychology</i> , 2000, 14, 254-264. | 1.3 | 58 |
| 81 | Organization of the Human Frontal Pole Revealed by Large-Scale DTI-Based Connectivity: Implications for Control of Behavior. <i>PLoS ONE</i> , 2015, 10, e0124797. | 2.5 | 57 |
| 82 | Recent advances in understanding neural systems that support inhibitory control. <i>Current Opinion in Behavioral Sciences</i> , 2015, 1, 17-22. | 3.9 | 57 |
| 83 | Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres. <i>NeuroImage</i> , 2011, 54, 517-527. | 4.2 | 54 |
| 84 | Variations in patterns of lateral asymmetry among dextrals. <i>Brain and Cognition</i> , 1984, 3, 317-334. | 1.8 | 53 |
| 85 | Double take: Parallel processing by the cerebral hemispheres reduces attentional blink.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2007, 33, 298-329. | 0.9 | 51 |
| 86 | Default mode network activity in male adolescents with conduct and substance use disorder. <i>Drug and Alcohol Dependence</i> , 2014, 134, 242-250. | 3.2 | 51 |
| 87 | A generalized role of interhemispheric interaction under attentionally demanding conditions: evidence from the auditory and tactile modality. <i>Neuropsychologia</i> , 2002, 40, 1082-1096. | 1.6 | 50 |
| 88 | Relationship between intelligence and the size and composition of the corpus callosum. <i>Experimental Brain Research</i> , 2009, 192, 455-464. | 1.5 | 49 |
| 89 | Symptom-correlated brain regions in young adults with combined-type ADHD: Their organization, variability, and relation to behavioral performance. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 96-102. | 1.8 | 48 |
| 90 | Word production in schizophrenia and its relationship to positive symptoms. <i>Psychiatry Research</i> , 1999, 87, 29-37. | 3.3 | 47 |

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|-----|---|-----|-----------|
| 91 | The Relationship Between Resting State Network Connectivity and Individual Differences in Executive Functions. <i>Frontiers in Psychology</i> , 2018, 9, 1600. | 2.1 | 47 |
| 92 | Investigations of interhemispheric processing: Methodological considerations.. <i>Neuropsychology</i> , 1994, 8, 263-277. | 1.3 | 46 |
| 93 | Corpus callosum morphology in children and adolescents with attention deficit hyperactivity disorder: A meta-analytic review.. <i>Neuropsychology</i> , 2008, 22, 341-349. | 1.3 | 46 |
| 94 | Relationships of Distinct Affective Dimensions to Performance on an Emotional Stroop Task. <i>Cognitive Therapy and Research</i> , 2003, 27, 671-680. | 1.9 | 45 |
| 95 | Impaired Decision-Making, Higher Impulsivity, and Drug Severity in Substance Dependence and Pathological Gambling. <i>Journal of Addiction Medicine</i> , 2015, 9, 273-280. | 2.6 | 45 |
| 96 | Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 549928. | 3.5 | 45 |
| 97 | Brain activation during the Stroop task in adolescents with severe substance and conduct problems: A pilot study. <i>Drug and Alcohol Dependence</i> , 2007, 90, 175-182. | 3.2 | 43 |
| 98 | Evolving Perspectives on Lateralization of Function. <i>Current Directions in Psychological Science</i> , 1998, 7, 1-2. | 5.3 | 42 |
| 99 | Lateral asymmetries in the naming of words and corresponding line drawings. <i>Brain and Language</i> , 1982, 17, 34-45. | 1.6 | 39 |
| 100 | Cortical organization of inhibition-related functions and modulation by psychopathology. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 271. | 2.0 | 39 |
| 101 | The neural mechanisms underlying internally and externally guided task selection. <i>NeuroImage</i> , 2014, 84, 191-205. | 4.2 | 39 |
| 102 | Twin studies to GWAS: there and back again. <i>Trends in Cognitive Sciences</i> , 2021, 25, 855-869. | 7.8 | 39 |
| 103 | ERPs and Neural Oscillations during Volitional Suppression of Memory Retrieval. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1624-1633. | 2.3 | 37 |
| 104 | The Stroop Effect Occurs at Multiple Points Along a Cascade of Control: Evidence From Cognitive Neuroscience Approaches. <i>Frontiers in Psychology</i> , 2019, 10, 2164. | 2.1 | 35 |
| 105 | Interhemispheric Interaction During Childhood: II. Children With Early-Treated Phenylketonuria. <i>Developmental Neuropsychology</i> , 2000, 18, 53-71. | 1.4 | 34 |
| 106 | Trait rumination and inhibitory deficits in long-term memory. <i>Cognition and Emotion</i> , 2010, 24, 168-179. | 2.0 | 34 |
| 107 | Insula and Orbitofrontal Cortical Morphology in Substance Dependence Is Modulated by Sex. <i>American Journal of Neuroradiology</i> , 2013, 34, 1150-1156. | 2.4 | 34 |
| 108 | TRANSDIAGNOSTIC DIMENSIONS OF ANXIETY AND DEPRESSION MODERATE MOTIVATION-RELATED BRAIN NETWORKS DURING GOAL MAINTENANCE. <i>Depression and Anxiety</i> , 2014, 31, 805-813. | 4.1 | 33 |

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|-----|---|-----|-----------|
| 109 | Categorical and Metric Spatial Processes Distinguished by Task Demands and Practice. <i>Journal of Cognitive Neuroscience</i> , 1999, 11, 153-166. | 2.3 | 32 |
| 110 | Individual Differences in the Balance of GABA to Glutamate in pFC Predict the Ability to Select among Competing Options. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2490-2502. | 2.3 | 32 |
| 111 | An unbalanced distribution of inputs across the hemispheres facilitates interhemispheric interaction. <i>Journal of the International Neuropsychological Society</i> , 2000, 6, 313-321. | 1.8 | 30 |
| 112 | Aesthetic Preference and Picture Asymmetries. <i>Cortex</i> , 1989, 25, 187-195. | 2.4 | 29 |
| 113 | Neural Mechanisms of Attentional Control Differentiate Trait and State Negative Affect. <i>Frontiers in Psychology</i> , 2012, 3, 298. | 2.1 | 29 |
| 114 | Integration of Information Between the Cerebral Hemispheres. <i>Current Directions in Psychological Science</i> , 1998, 7, 32-37. | 5.3 | 28 |
| 115 | Developmental trends and individual differences in brain systems involved in intertemporal choice during adolescence.. <i>Psychology of Addictive Behaviors</i> , 2013, 27, 416-430. | 2.1 | 28 |
| 116 | Large-scale Meta-analysis Suggests Low Regional Modularity in Lateral Frontal Cortex. <i>Cerebral Cortex</i> , 2018, 28, 3414-3428. | 2.9 | 28 |
| 117 | Questionnaires and task-based measures assess different aspects of self-regulation: Both are needed. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24396-24397. | 7.1 | 28 |
| 118 | Structural Brain Architectures Match Intrinsic Functional Networks and Vary across Domains: A Study from 15,000+ Individuals. <i>Cerebral Cortex</i> , 2020, 30, 5460-5470. | 2.9 | 28 |
| 119 | Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. <i>JAMA Neurology</i> , 2021, 78, 578. | 9.0 | 28 |
| 120 | Negative reinforcement learning is affected in substance dependence. <i>Drug and Alcohol Dependence</i> , 2012, 123, 84-90. | 3.2 | 27 |
| 121 | Interhemispheric Interaction During Childhood: I. Neurologically Intact Children. <i>Developmental Neuropsychology</i> , 2000, 18, 33-51. | 1.4 | 26 |
| 122 | Brain activity related to the ability to inhibit previous task sets: an fMRI study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012, 12, 661-670. | 2.0 | 25 |
| 123 | Sex modulates approach systems and impulsivity in substance dependence. <i>Drug and Alcohol Dependence</i> , 2013, 133, 222-227. | 3.2 | 25 |
| 124 | Interhemispheric Processing in Left- and Right-Handers. <i>International Journal of Neuroscience</i> , 1990, 54, 197-208. | 1.6 | 24 |
| 125 | Neuroanatomical Correlates of the Unity and Diversity Model of Executive Function in Young Adults. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 283. | 2.0 | 24 |
| 126 | Variations in Lateralized Processing among Right-Handers: Effects on Patterns of Cognitive Performance. <i>Cortex</i> , 1992, 28, 273-288. | 2.4 | 23 |

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|-----|---|-----|-----------|
| 127 | Female Adolescents with Severe Substance and Conduct Problems Have Substantially Less Brain Gray Matter Volume. PLoS ONE, 2015, 10, e0126368. | 2.5 | 23 |
| 128 | Individual differences in emotion-cognition interactions: emotional valence interacts with serotonin transporter genotype to influence brain systems involved in emotional reactivity and cognitive control. Frontiers in Human Neuroscience, 2013, 7, 327. | 2.0 | 22 |
| 129 | Genetic and Environmental Influence on the Human Functional Connectome. Cerebral Cortex, 2020, 30, 2099-2113. | 2.9 | 22 |
| 130 | A Tool for Interactive Data Visualization: Application to Over 10,000 Brain Imaging and Phantom MRI Data Sets. Frontiers in Neuroinformatics, 2016, 10, 9. | 2.5 | 21 |
| 131 | Resting-state functional connectivity differentiates anxious apprehension and anxious arousal. Psychophysiology, 2016, 53, 1451-1459. | 2.4 | 21 |
| 132 | All Competition Is Not Alike: Neural Mechanisms for Resolving Underdetermined and Prepotent Competition. Journal of Cognitive Neuroscience, 2014, 26, 2608-2623. | 2.3 | 20 |
| 133 | Turning down the heat: Neural mechanisms of cognitive control for inhibiting task-irrelevant emotional information during adolescence. Neuropsychologia, 2019, 125, 93-108. | 1.6 | 20 |
| 134 | A hemispheric division of labor aids mental rotation.. Neuropsychology, 2007, 21, 326-336. | 1.3 | 19 |
| 135 | Age-related changes and longitudinal stability of individual differences in ABCD Neurocognition measures. Developmental Cognitive Neuroscience, 2022, 54, 101078. | 4.0 | 19 |
| 136 | One of Twenty Questions for the Twenty-First Century: How Do Brain Regions Interact and Integrate Information?. Brain and Cognition, 2000, 42, 29-32. | 1.8 | 18 |
| 137 | Interhemispheric integration in psychopathic offenders.. Neuropsychology, 2007, 21, 82-93. | 1.3 | 18 |
| 138 | Brain activation underlying threat detection to targets of different races. Social Neuroscience, 2015, 10, 651-662. | 1.3 | 18 |
| 139 | General and emotion-specific alterations to cognitive control in women with a history of childhood abuse. NeuroImage: Clinical, 2017, 16, 151-164. | 2.7 | 17 |
| 140 | Temporal profile of fronto-striatal-limbic activity during implicit decisions in drug dependence. Drug and Alcohol Dependence, 2014, 136, 108-114. | 3.2 | 15 |
| 141 | Brain Cortical Thickness Differences in Adolescent Females with Substance Use Disorders. PLoS ONE, 2016, 11, e0152983. | 2.5 | 15 |
| 142 | The Divided Visual Field Technique in Laterality and Interhemispheric Integration. Neuropsychology and Cognition, 2003, , 47-63. | 0.6 | 15 |
| 143 | Brain cortical thickness in male adolescents with serious substance use and conduct problems. American Journal of Drug and Alcohol Abuse, 2015, 41, 414-424. | 2.1 | 14 |
| 144 | Reward systems, cognition, and emotion: Introduction to the special issue. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 409-414. | 2.0 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 145 | Changes to information in working memory depend on distinct removal operations. <i>Nature Communications</i> , 2020, 11, 6239. | 12.8 | 14 |
| 146 | Left posterior prefrontal regions support domain-general executive processes needed for both reading and math. <i>Journal of Neuropsychology</i> , 2020, 14, 467-495. | 1.4 | 14 |
| 147 | Adolescents' Neural Processing of Risky Decisions: Effects of Sex and Behavioral Disinhibition. <i>PLoS ONE</i> , 2015, 10, e0132322. | 2.5 | 14 |
| 148 | Differences in frontal and limbic brain activation in a small sample of monozygotic twin pairs discordant for severe stressful life events. <i>Neurobiology of Stress</i> , 2016, 5, 26-36. | 4.0 | 13 |
| 149 | Multiple modes of clearing one's mind of current thoughts: Overlapping and distinct neural systems. <i>Neuropsychologia</i> , 2015, 69, 105-117. | 1.6 | 12 |
| 150 | Imaging decision about whether to benefit self by harming others: Adolescents with conduct and substance problems, with or without callous-unemotionality, or developing typically. <i>Psychiatry Research - Neuroimaging</i> , 2017, 263, 103-112. | 1.8 | 12 |
| 151 | Hemispheric biases and the control of visuospatial attention: an ERP study. <i>BMC Neuroscience</i> , 2005, 6, 51. | 1.9 | 11 |
| 152 | Interhemispheric interaction expands attentional capacity in an auditory selective attention task. <i>Experimental Brain Research</i> , 2009, 194, 317-322. | 1.5 | 11 |
| 153 | Familial risk and ADHD-specific neural activity revealed by case-control, discordant twin pair design. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 458-465. | 1.8 | 11 |
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