

Mary M Heitzeg

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

6,791
citations

117625

34
h-index

71685

76
g-index

95
all docs

95
docs citations

95
times ranked

8120
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	COMT <i>val</i> ¹⁵⁸ <i>met</i> Genotype Affects μ -Opioid Neurotransmitter Responses to a Pain Stressor. <i>Science</i> , 2003, 299, 1240-1243.	12.6	1,025
3	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	4.2	539
4	Variations in the Human Pain Stress Experience Mediated by Ventral and Dorsal Basal Ganglia Dopamine Activity. <i>Journal of Neuroscience</i> , 2006, 26, 10789-10795.	3.6	259
5	Adolescent brain cognitive development (ABCD) study: Overview of substance use assessment methods. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 80-96.	4.0	250
6	What is a representative brain? Neuroscience meets population science. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17615-17622.	7.1	198
7	Mega-Analysis of Gray Matter Volume in Substance Dependence: General and Substance-Specific Regional Effects. <i>American Journal of Psychiatry</i> , 2019, 176, 119-128.	7.2	190
8	Impulsiveness and insula activation during reward anticipation are associated with genetic variants in GABRA2 in a family sample enriched for alcoholism. <i>Molecular Psychiatry</i> , 2012, 17, 511-519.	7.9	175
9	Parsing the Undercontrol-Disinhibition Pathway to Substance Use Disorders: A Multilevel Developmental Problem. <i>Child Development Perspectives</i> , 2011, 5, 248-255.	3.9	171
10	Executive Function in Chronic Pain Patients and Healthy Controls: Different Cortical Activation During Response Inhibition in Fibromyalgia. <i>Journal of Pain</i> , 2011, 12, 1219-1229.	1.4	143
11	Smoking Modulation of 14 C-Opioid and Dopamine D2 Receptor-Mediated Neurotransmission in Humans. <i>Neuropsychopharmacology</i> , 2007, 32, 450-457.	5.4	115
12	Regional Cerebral Blood Flow Responses to Smoking in Tobacco Smokers After Overnight Abstinence. <i>American Journal of Psychiatry</i> , 2005, 162, 567-577.	7.2	112
13	Nucleus Accumbens Response to Incentive Stimuli Anticipation in Children of Alcoholics: Relationships with Precursive Behavioral Risk and Lifetime Alcohol Use. <i>Journal of Neuroscience</i> , 2012, 32, 2544-2551.	3.6	102
14	Emotion Processing, Major Depression, and Functional Genetic Variation of Neuropeptide Y. <i>Archives of General Psychiatry</i> , 2011, 68, 158.	12.3	100
15	Striatal Dysfunction Marks Preexisting Risk and Medial Prefrontal Dysfunction Is Related to Problem Drinking in Children of Alcoholics. <i>Biological Psychiatry</i> , 2010, 68, 287-295.	1.3	92
16	Accumbens functional connectivity during reward mediates sensation-seeking and alcohol use in high-risk youth. <i>Drug and Alcohol Dependence</i> , 2013, 128, 130-139.	3.2	89
17	Affective Circuitry and Risk for Alcoholism in Late Adolescence: Differences in Frontostriatal Responses Between Vulnerable and Resilient Children of Alcoholic Parents. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 414-426.	2.4	87
18	Prediction of neurocognition in youth from resting state fMRI. <i>Molecular Psychiatry</i> , 2020, 25, 3413-3421.	7.9	79

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19	Left middle frontal gyrus response to inhibitory errors in children prospectively predicts early problem substance use. <i>Drug and Alcohol Dependence</i> , 2014, 141, 51-57.	3.2	77
20	Association of Marijuana Use With Blunted Nucleus Accumbens Response to Reward Anticipation. <i>JAMA Psychiatry</i> , 2016, 73, 838.	11.0	75
21	Trajectories of Childhood Aggression and Inattention/Hyperactivity: Differential Effects on Substance Abuse in Adolescence. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2008, 47, 1158-1165.	0.5	74
22	Neuroimaging Risk Markers for Substance Abuse: Recent Findings on Inhibitory Control and Reward System Functioning. <i>Current Addiction Reports</i> , 2015, 2, 91-103.	3.4	71
23	Sex differences in anterior cingulate cortex activation during impulse inhibition and behavioral correlates. <i>Psychiatry Research - Neuroimaging</i> , 2012, 201, 54-62.	1.8	65
24	Charting brain growth and aging at high spatial precision. <i>ELife</i> , 2022, 11, .	6.0	61
25	Sex, Age, Race and Intervention Type in Clinical Studies of HIV Cure: A Systematic Review. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 85-97.	1.1	58
26	Variation in the Corticotropin-Releasing Hormone Receptor 1 (<i>CRHR1</i>) Gene Influences fMRI Signal Responses during Emotional Stimulus Processing. <i>Journal of Neuroscience</i> , 2012, 32, 3253-3260.	3.6	55
27	Development of Impulse Control Circuitry in Children of Alcoholics. <i>Biological Psychiatry</i> , 2014, 76, 708-716.	1.3	49
28	Relationship between impulsivity, prefrontal anticipatory activation, and striatal dopamine release during rewarded task performance. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 244-252.	1.8	49
29	Effect of GABRA2 Genotype on Development of Incentive-Motivation Circuitry in a Sample Enriched for Alcoholism Risk. <i>Neuropsychopharmacology</i> , 2014, 39, 3077-3086.	5.4	47
30	To vax or not to vax: Predictors of anti-vax attitudes and COVID-19 vaccine hesitancy prior to widespread vaccine availability. <i>PLoS ONE</i> , 2022, 17, e0264019.	2.5	46
31	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
32	Indirect Effect of Corticotropin-Releasing Hormone Receptor 1 Gene Variation on Negative Emotionality and Alcohol Use via Right Ventrolateral Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 4099-4107.	3.6	44
33	Changes in Clinical Pain in Fibromyalgia Patients Correlate with Changes in Brain Activation in the Cingulate Cortex in a Response Inhibition Task. <i>Pain Medicine</i> , 2014, 15, 1346-1358.	1.9	42
34	fMRI BOLD responses to negative stimuli in the prefrontal cortex are dependent on levels of recent negative life stress in major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 202-208.	1.8	40
35	Brain activation to negative stimuli mediates a relationship between adolescent marijuana use and later emotional functioning. <i>Developmental Cognitive Neuroscience</i> , 2015, 16, 71-83.	4.0	39
36	Sex differences in the development of emotion circuitry in adolescents at risk for substance abuse: a longitudinal fMRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 965-975.	3.0	39

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37	Coping Expectancies, Not Enhancement Expectancies, Mediate Trauma Experience Effects on Problem Alcohol Use: A Prospective Study From Early Childhood to Adolescence. <i>Journal of Studies on Alcohol and Drugs</i> , 2015, 76, 781-789.	1.0	34
38	Resiliency in Adolescents at High Risk for Substance Abuse: Flexible Adaptation via Subthalamic Nucleus and Linkage to Drinking and Drug Use in Early Adulthood. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 1355-1364.	2.4	33
39	Reward activation in childhood predicts adolescent substance use initiation in a high-risk sample. <i>Drug and Alcohol Dependence</i> , 2019, 194, 318-325.	3.2	33
40	Functional genetic variants in the vesicular monoamine transporter 1 modulate emotion processing. <i>Molecular Psychiatry</i> , 2014, 19, 129-139.	7.9	32
41	Substance abuse risk in emerging adults associated with smaller frontal gray matter volumes and higher externalizing behaviors. <i>Drug and Alcohol Dependence</i> , 2014, 137, 68-75.	3.2	32
42	Brain activity, low self-control, and delinquency: An fMRI study of at-risk adolescents. <i>Journal of Criminal Justice</i> , 2018, 56, 107-117.	2.3	29
43	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. <i>JAMA Neurology</i> , 2021, 78, 578.	9.0	28
44	Rule breaking mediates the developmental association between <i>GABRA2</i> and adolescent substance abuse. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 1372-1379.	5.2	27
45	Childhood adversity, externalizing behavior, and substance use in adolescence: Mediating effects of anterior cingulate cortex activation during inhibitory errors. <i>Development and Psychopathology</i> , 2019, 31, 1439-1450.	2.3	26
46	Differentiated nomological networks of internalizing, externalizing, and the general factor of psychopathology (â€ˆ <i>p</i> -factor™) in emerging adolescence in the ABCD study. <i>Psychological Medicine</i> , 2022, 52, 3051-3061.	4.5	26
47	Susceptibility effects of GABA receptor subunit alpha-2 (<i>GABRA2</i>) variants and parental monitoring on externalizing behavior trajectories: Risk and protection conveyed by the minor allele. <i>Development and Psychopathology</i> , 2016, 28, 15-26.	2.3	25
48	Psychosocial and neural indicators of resilience among youth with a family history of substance use disorder. <i>Drug and Alcohol Dependence</i> , 2018, 185, 198-206.	3.2	25
49	Egocentric body-centered coordinates modulate visuomotor performance. <i>Neuropsychologia</i> , 2002, 40, 1822-1833.	1.6	24
50	Neural correlates of inhibitory control in youth with symptoms of food addiction. <i>Appetite</i> , 2020, 148, 104578.	3.7	24
51	Dynamic Interactions Between Plasma IL-1 Family Cytokines and Central Endogenous Opioid Neurotransmitter Function in Humans. <i>Neuropsychopharmacology</i> , 2015, 40, 554-565.	5.4	23
52	Genetic imaging consortium for addiction medicine. <i>Progress in Brain Research</i> , 2016, 224, 203-223.	1.4	22
53	Incipient alcohol use in childhood: Early alcohol sipping and its relations with psychopathology and personality. <i>Development and Psychopathology</i> , 2021, 33, 1338-1350.	2.3	21
54	Neuromodulation of brain activation associated with addiction: A review of real-time fMRI neurofeedback studies. <i>NeuroImage: Clinical</i> , 2020, 27, 102350.	2.7	20

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55	Substance use patterns in 9-10 year olds: Baseline findings from the adolescent brain cognitive development (ABCD) study. <i>Drug and Alcohol Dependence</i> , 2021, 227, 108946.	3.2	19
56	Genetic variation in GABRA 2 moderates peer influence on externalizing behavior in adolescents. <i>Brain and Behavior</i> , 2014, 4, 833-840.	2.2	18
57	Affective personality predictors of disrupted reward learning and pursuit in major depressive disorder. <i>Psychiatry Research</i> , 2015, 230, 56-64.	3.3	17
58	Striatal dopaminergic reward response relates to age of first drunkenness and feedback response in at-risk youth. <i>Addiction Biology</i> , 2017, 22, 502-512.	2.6	17
59	Brain-wide functional connectivity patterns support general cognitive ability and mediate effects of socioeconomic status in youth. <i>Translational Psychiatry</i> , 2021, 11, 571.	4.8	17
60	Sex differences in the developmental neuroscience of adolescent substance use risk. <i>Current Opinion in Behavioral Sciences</i> , 2018, 23, 21-26.	3.9	15
61	Cognitive Control as a 5-HT1A-Based Domain That Is Disrupted in Major Depressive Disorder. <i>Frontiers in Psychology</i> , 2019, 10, 691.	2.1	15
62	Effects of the serotonin transporter gene, sensitivity of response to alcohol, and parental monitoring on risk for problem alcohol use. <i>Alcohol</i> , 2017, 59, 7-16.	1.7	14
63	Spatial characteristics of cerebral polyopia: a case study. <i>Vision Research</i> , 1998, 38, 3965-3978.	1.4	13
64	Theory of Mind Among Young Adult Children From Alcoholic Families. <i>Journal of Studies on Alcohol and Drugs</i> , 2014, 75, 889-894.	1.0	13
65	Review of Neurobiological Influences on Externalizing and Internalizing Pathways to Alcohol Use Disorder. <i>Current Behavioral Neuroscience Reports</i> , 2018, 5, 249-262.	1.3	13
66	Frontostriatal Resting State Functional Connectivity in Resilient and Non-Resilient Adolescents with a Family History of Alcohol Use Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2019, 29, 508-515.	1.3	13
67	Developmental maturation of inhibitory control circuitry in a high-risk sample: A longitudinal fMRI study. <i>Developmental Cognitive Neuroscience</i> , 2020, 43, 100781.	4.0	12
68	Sleep mediates the link between resiliency and behavioural problems in children at high and low risk for alcoholism. <i>Journal of Sleep Research</i> , 2016, 25, 341-349.	3.2	9
69	Pathways to Youth Behavior: The Role of Genetic, Neural, and Behavioral Markers. <i>Journal of Research on Adolescence</i> , 2018, 28, 26-39.	3.7	9
70	Evidence accumulation and associated error-related brain activity as computationally-informed prospective predictors of substance use in emerging adulthood. <i>Psychopharmacology</i> , 2021, 238, 2629-2644.	3.1	9
71	Nucleus Accumbens Response to Reward among Children with a Family History of Alcohol Use Problems: Convergent Findings from the ABCD Study [®] and Michigan Longitudinal Study. <i>Brain Sciences</i> , 2022, 12, 913.	2.3	8
72	BOYS, EARLY RISK FACTORS FOR ALCOHOL PROBLEMS, AND THE DEVELOPMENT OF THE SELF: AN INTERCONNECTED MATRIX. <i>Infant Mental Health Journal</i> , 2017, 38, 83-96.	1.8	7

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73	Cognitive Modeling Informs Interpretation of Go/No-Go Task-Related Neural Activations and Their Links to Externalizing Psychopathology. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 530-541.	1.5	7
74	Widespread attenuating changes in brain connectivity associated with the general factor of psychopathology in 9- and 10-year olds. <i>Translational Psychiatry</i> , 2021, 11, 575.	4.8	7
75	Reduced brain activation during inhibitory control in children with COMT Val/Val genotype. <i>Brain and Behavior</i> , 2016, 6, e00577.	2.2	5
76	Adolescent Sexual Development and Peer Groups: Reciprocal Associations and Shared Genetic and Environmental Influences. <i>Archives of Sexual Behavior</i> , 2021, 50, 141-160.	1.9	5
77	Sexual Development in Adolescence: An Examination of Genetic and Environmental Influences. <i>Journal of Research on Adolescence</i> , 2020, 30, 502-520.	3.7	4
78	Age, sex, and other demographic trends in sexual behavior in the United States: Initial findings of the sexual behaviors, internet use, and psychological adjustment survey. <i>PLoS ONE</i> , 2021, 16, e0255371.	2.5	4
79	Gender differences in the transmission of risk for antisocial behavior problems across generations. <i>PLoS ONE</i> , 2017, 12, e0177288.	2.5	4
80	The role of pubertal timing in the link between family history of alcohol use disorder and late adolescent substance use. <i>Drug and Alcohol Dependence</i> , 2020, 210, 107955.	3.2	3
81	Alcohol expectancies mediate the association between the neural response to emotional words and alcohol consumption. <i>Drug and Alcohol Dependence</i> , 2020, 209, 107882.	3.2	3
82	Tackling the Kraepelinian Dichotomy: A Neuroimaging Review. <i>Psychiatric Annals</i> , 2010, 40, 154-159.	0.1	2
83	Affective Dysregulation Precedes Emergence of Psychosis-Like Experiences in a Community Sample of Young Adults. <i>Schizophrenia Bulletin</i> , 2022, 48, 664-672.	4.3	2
84	Individual-, peer-, and parent-level substance use-related factors among 9- and 10-year-olds from the ABCD Study: Prevalence rates and sociodemographic differences. , 2022, 3, 100037.		2
85	Subtypes of inhibitory and reward activation associated with substance use variation in adolescence: A latent profile analysis of brain imaging data. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 1101-1114.	2.0	1
86	Heterogeneity Within Youth With Childhood-Onset Conduct Disorder in the ABCD Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 701199.	2.6	1
87	Sex Moderates Reward- and Loss-Related Neural Correlates of Triarchic-Model Traits and Antisocial Behavior. <i>Clinical Psychological Science</i> , 2022, 10, 700-713.	4.0	1
88	Brain Functional Contributors to Vulnerability for Substance Abuse. , 2018, , .		0