

Mary M Heitzeg

List of Publications by Citations

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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.

86
papers

4,495
citations

31
h-index

66
g-index

95
ext. papers

5,716
ext. citations

5.6
avg, IF

5.2
L-index

#	Paper	IF	Citations
86	COMT val158met genotype affects mu-opioid neurotransmitter responses to a pain stressor. <i>Science</i> , 2003 , 299, 1240-3	33.3	906
85	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. <i>Developmental Cognitive Neuroscience</i> , 2018 , 32, 43-54	5.5	557
84	Variations in the human pain stress experience mediated by ventral and dorsal basal ganglia dopamine activity. <i>Journal of Neuroscience</i> , 2006 , 26, 10789-95	6.6	226
83	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019 , 202, 116091	7.9	184
82	Adolescent brain cognitive development (ABCD) study: Overview of substance use assessment methods. <i>Developmental Cognitive Neuroscience</i> , 2018 , 32, 80-96	5.5	173
81	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, 511-9	15.1	151
80	Parsing the Undercontrol/Disinhibition Pathway to Substance Use Disorders: A Multilevel Developmental Problem. <i>Child Development Perspectives</i> , 2011 , 5, 248-255	5.5	142
79	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, 17615-22	11.5	131
78	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	11.9	114
77	Executive function in chronic pain patients and healthy controls: different cortical activation during response inhibition in fibromyalgia. <i>Journal of Pain</i> , 2011 , 12, 1219-29	5.2	113
76	Smoking modulation of mu-opioid and dopamine D2 receptor-mediated neurotransmission in humans. <i>Neuropsychopharmacology</i> , 2007 , 32, 450-7	8.7	105
75	Regional cerebral blood flow responses to smoking in tobacco smokers after overnight abstinence. <i>American Journal of Psychiatry</i> , 2005 , 162, 567-77	11.9	96
74	Emotion processing, major depression, and functional genetic variation of neuropeptide Y. <i>Archives of General Psychiatry</i> , 2011 , 68, 158-66		85
73	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, 2544-51	6.6	85
72	Striatal dysfunction marks preexisting risk and medial prefrontal dysfunction is related to problem drinking in children of alcoholics. <i>Biological Psychiatry</i> , 2010 , 68, 287-95	7.9	80
71	Accumbens functional connectivity during reward mediates sensation-seeking and alcohol use in high-risk youth. <i>Drug and Alcohol Dependence</i> , 2013 , 128, 130-9	4.9	75
70	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, 414-26	3.7	72

69	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, 1158-65	7.2	66
68	Left middle frontal gyrus response to inhibitory errors in children prospectively predicts early problem substance use. <i>Drug and Alcohol Dependence</i> , 2014 , 141, 51-7	4.9	58
67	Association of Marijuana Use With Blunted Nucleus Accumbens Response to Reward Anticipation. <i>JAMA Psychiatry</i> , 2016 , 73, 838-44	14.5	56
66	Neuroimaging Risk Markers for Substance Abuse: Recent Findings on Inhibitory Control and Reward System Functioning. <i>Current Addiction Reports</i> , 2015 , 2, 91-103	3.9	55
65	Sex differences in anterior cingulate cortex activation during impulse inhibition and behavioral correlates. <i>Psychiatry Research - Neuroimaging</i> , 2012 , 201, 54-62	2.9	52
64	Variation in the corticotropin-releasing hormone receptor 1 (CRHR1) gene influences fMRI signal responses during emotional stimulus processing. <i>Journal of Neuroscience</i> , 2012 , 32, 3253-60	6.6	51
63	Effect of GABRA2 genotype on development of incentive-motivation circuitry in a sample enriched for alcoholism risk. <i>Neuropsychopharmacology</i> , 2014 , 39, 3077-86	8.7	45
62	Relationship between impulsivity, prefrontal anticipatory activation, and striatal dopamine release during rewarded task performance. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 223, 244-52	2.9	45
61	Development of impulse control circuitry in children of alcoholics. <i>Biological Psychiatry</i> , 2014 , 76, 708-16	7.9	44
60	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, 4099-107	6.6	39
59	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	1.6	37
58	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, 202-8	2.9	33
57	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, 1346-58	2.8	32
56	Prediction of neurocognition in youth from resting state fMRI. <i>Molecular Psychiatry</i> , 2020 , 25, 3413-3421	15.1	31
55	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	4.9	28
54	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, 1355-64	3.7	27
53	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	4	26
52	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	5.5	26

51	Egocentric body-centered coordinates modulate visuomotor performance. <i>Neuropsychologia</i> , 2002 , 40, 1822-33	3.2	24
50	Rule breaking mediates the developmental association between GABRA2 and adolescent substance abuse. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014 , 55, 1372-9	7.9	23
49	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, 781-9	1.9	22
48	Functional genetic variants in the vesicular monoamine transporter 1 modulate emotion processing. <i>Molecular Psychiatry</i> , 2014 , 19, 129-39	15.1	22
47	Susceptibility effects of GABA receptor subunit alpha-2 (GABRA2) 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	4.3	22
46	Reward activation in childhood predicts adolescent substance use initiation in a high-risk sample. <i>Drug and Alcohol Dependence</i> , 2019 , 194, 318-325	4.9	21
45	Dynamic interactions between plasma IL-1 family cytokines and central endogenous opioid neurotransmitter function in humans. <i>Neuropsychopharmacology</i> , 2015 , 40, 554-65	8.7	18
44	Brain Activity, Low Self-Control, and Delinquency: An fMRI Study of At-Risk Adolescents. <i>Journal of Criminal Justice</i> , 2018 , 56, 107-117	3.6	18
43	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	4.3	16
42	Genetic variation in GABRA2 moderates peer influence on externalizing behavior in adolescents. <i>Brain and Behavior</i> , 2014 , 4, 833-40	3.4	15
41	Genetic imaging consortium for addiction medicine: From neuroimaging to genes. <i>Progress in Brain Research</i> , 2016 , 224, 203-23	2.9	15
40	Affective personality predictors of disrupted reward learning and pursuit in major depressive disorder. <i>Psychiatry Research</i> , 2015 , 230, 56-64	9.9	14
39	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	4.9	14
38	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study		14
37	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	4.6	13
36	Spatial characteristics of cerebral polyopia: a case study. <i>Vision Research</i> , 1998 , 38, 3965-78	2.1	13
35	Theory of mind among young adult children from alcoholic families. <i>Journal of Studies on Alcohol and Drugs</i> , 2014 , 75, 889-94	1.9	12
34	Neural correlates of inhibitory control in youth with symptoms of food addiction. <i>Appetite</i> , 2020 , 148, 104578	4.5	12

33	Cognitive Control as a 5-HT-Based Domain That Is Disrupted in Major Depressive Disorder. <i>Frontiers in Psychology</i> , 2019 , 10, 691	3.4	11
32	Sex Differences in the Developmental Neuroscience of Adolescent Substance Use Risk. <i>Current Opinion in Behavioral Sciences</i> , 2018 , 23, 21-26	4	10
31	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	2.7	9
30	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	5.7	9
29	Pathways to Youth Behavior: The Role of Genetic, Neural, and Behavioral Markers. <i>Journal of Research on Adolescence</i> , 2018 , 28, 26-39	3.2	8
28	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	2.9	8
27	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	2.3	7
26	Alcohol Use and the Alcohol Use Disorders Over the Life Course: A Cross-Level Developmental Review 2016 , 1-40		7
25	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, 341-9	5.8	7
24	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	3.4	6
23	Neuromodulation of brain activation associated with addiction: A review of real-time fMRI neurofeedback studies. <i>NeuroImage: Clinical</i> , 2020 , 27, 102350	5.3	6
22	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. <i>JAMA Neurology</i> , 2021 , 78, 578-587	17.2	6
21	Developmental maturation of inhibitory control circuitry in a high-risk sample: A longitudinal fMRI study. <i>Developmental Cognitive Neuroscience</i> , 2020 , 43, 100781	5.5	5
20	Reduced brain activation during inhibitory control in children with Val/Val genotype. <i>Brain and Behavior</i> , 2016 , 6, e00577	3.4	5
19	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	4.7	5
18	Review of Neurobiological Influences on Externalizing and Internalizing Pathways to Alcohol Use Disorder. <i>Current Behavioral Neuroscience Reports</i> , 2018 , 5, 249-262	1.7	5
17	Sexual Development in Adolescence: An Examination of Genetic and Environmental Influences. <i>Journal of Research on Adolescence</i> , 2020 , 30, 502-520	3.2	4
16	Differentiated nomological networks of internalizing, externalizing, and the general factor of psychopathology (Ufactor ψ) in emerging adolescence in the ABCD study. <i>Psychological Medicine</i> , 2021 , 1-11	6.9	4

15	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	3.7	4
14	Incipient alcohol use in childhood: Early alcohol sipping and its relations with psychopathology and personality. <i>Development and Psychopathology</i> , 2021 , 33, 1338-1350	4.3	3
13	Gender differences in the transmission of risk for antisocial behavior problems across generations. <i>PLoS ONE</i> , 2017 , 12, e0177288	3.7	3
12	Charting brain growth and aging at high spatial precision.. <i>ELife</i> , 2022 , 11,	8.9	2
11	Tackling the Kraepelinian Dichotomy: a Neuroimaging Review. <i>Psychiatric Annals</i> , 2010 , 40, 154-159	0.5	2
10	Adolescent Sexual Development and Peer Groups: Reciprocal Associations and Shared Genetic and Environmental Influences. <i>Archives of Sexual Behavior</i> , 2021 , 50, 141-160	3.5	2
9	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	4.9	2
8	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	4.9	1
7	Alcohol expectancies mediate the association between the neural response to emotional words and alcohol consumption. <i>Drug and Alcohol Dependence</i> , 2020 , 209, 107882	4.9	0
6	Brain-wide functional connectivity patterns support general cognitive ability and mediate effects of socioeconomic status in youth. <i>Translational Psychiatry</i> , 2021 , 11, 571	8.6	0
5	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	8.6	0
4	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	3.7	0
3	Sex Moderates Reward- and Loss-Related Neural Correlates of Triarchic-Model Traits and Antisocial Behavior. <i>Clinical Psychological Science</i> , 216770262110547	6	
2	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	3.5	
1	Heterogeneity Within Youth With Childhood-Onset Conduct Disorder in the ABCD Study. <i>Frontiers in Psychiatry</i> , 2021 , 12, 701199	5	