

# Mary M Heitzeg

## List of Publications by Year in Descending Order

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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	Charting brain growth and aging at high spatial precision.. <i>ELife</i> , <b>2022</b> , 11,	8.9	2
85	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> , <b>2022</b> , 17, e0264019	3.7	4
84	Incipient alcohol use in childhood: Early alcohol sipping and its relations with psychopathology and personality. <i>Development and Psychopathology</i> , <b>2021</b> , 33, 1338-1350	4.3	3
83	Brain-wide functional connectivity patterns support general cognitive ability and mediate effects of socioeconomic status in youth. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 571	8.6	0
82	Widespread attenuating changes in brain connectivity associated with the general factor of psychopathology in 9- and 10-year olds. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 575	8.6	0
81	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> , <b>2021</b> , 21, 1101-1114	3.5	
80	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. <i>JAMA Neurology</i> , <b>2021</b> , 78, 578-587	17.2	6
79	Evidence accumulation and associated error-related brain activity as computationally-informed prospective predictors of substance use in emerging adulthood. <i>Psychopharmacology</i> , <b>2021</b> , 238, 2629-2644	4.7	5
78	Adolescent Sexual Development and Peer Groups: Reciprocal Associations and Shared Genetic and Environmental Influences. <i>Archives of Sexual Behavior</i> , <b>2021</b> , 50, 141-160	3.5	2
77	Heterogeneity Within Youth With Childhood-Onset Conduct Disorder in the ABCD Study. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 701199	5	
76	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> , <b>2021</b> , 16, e0255371	3.7	0
75	Substance use patterns in 9-10 year olds: Baseline findings from the adolescent brain cognitive development (ABCD) study. <i>Drug and Alcohol Dependence</i> , <b>2021</b> , 227, 108946	4.9	2
74	Differentiated nomological networks of internalizing, externalizing, and the general factor of psychopathology (Ufactor) in emerging adolescence in the ABCD study. <i>Psychological Medicine</i> , <b>2021</b> , 1-11	6.9	4
73	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> , <b>2020</b> , 210, 107955	4.9	1
72	Developmental maturation of inhibitory control circuitry in a high-risk sample: A longitudinal fMRI study. <i>Developmental Cognitive Neuroscience</i> , <b>2020</b> , 43, 100781	5.5	5
71	Alcohol expectancies mediate the association between the neural response to emotional words and alcohol consumption. <i>Drug and Alcohol Dependence</i> , <b>2020</b> , 209, 107882	4.9	0
70	Neural correlates of inhibitory control in youth with symptoms of food addiction. <i>Appetite</i> , <b>2020</b> , 148, 104578	4.5	12

69	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> , <b>2020</b> , 5, 530-541	3.4	6
68	Sexual Development in Adolescence: An Examination of Genetic and Environmental Influences. <i>Journal of Research on Adolescence</i> , <b>2020</b> , 30, 502-520	3.2	4
67	Neuromodulation of brain activation associated with addiction: A review of real-time fMRI neurofeedback studies. <i>NeuroImage: Clinical</i> , <b>2020</b> , 27, 102350	5.3	6
66	Prediction of neurocognition in youth from resting state fMRI. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 3413-3421	5.1	31
65	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> , <b>2020</b> , 11, 549928	5.7	9
64	Cognitive Control as a 5-HT-Based Domain That Is Disrupted in Major Depressive Disorder. <i>Frontiers in Psychology</i> , <b>2019</b> , 10, 691	3.4	11
63	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , <b>2019</b> , 202, 116091	7.9	184
62	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> , <b>2019</b> , 29, 508-515	2.9	8
61	Childhood adversity, externalizing behavior, and substance use in adolescence: Mediating effects of anterior cingulate cortex activation during inhibitory errors. <i>Development and Psychopathology</i> , <b>2019</b> , 31, 1439-1450	4.3	16
60	Reward activation in childhood predicts adolescent substance use initiation in a high-risk sample. <i>Drug and Alcohol Dependence</i> , <b>2019</b> , 194, 318-325	4.9	21
59	Mega-Analysis of Gray Matter Volume in Substance Dependence: General and Substance-Specific Regional Effects. <i>American Journal of Psychiatry</i> , <b>2019</b> , 176, 119-128	11.9	114
58	Psychosocial and neural indicators of resilience among youth with a family history of substance use disorder. <i>Drug and Alcohol Dependence</i> , <b>2018</b> , 185, 198-206	4.9	14
57	Adolescent brain cognitive development (ABCD) study: Overview of substance use assessment methods. <i>Developmental Cognitive Neuroscience</i> , <b>2018</b> , 32, 80-96	5.5	173
56	Pathways to Youth Behavior: The Role of Genetic, Neural, and Behavioral Markers. <i>Journal of Research on Adolescence</i> , <b>2018</b> , 28, 26-39	3.2	8
55	Sex Differences in the Developmental Neuroscience of Adolescent Substance Use Risk. <i>Current Opinion in Behavioral Sciences</i> , <b>2018</b> , 23, 21-26	4	10
54	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. <i>Developmental Cognitive Neuroscience</i> , <b>2018</b> , 32, 43-54	5.5	557
53	Brain Activity, Low Self-Control, and Delinquency: An fMRI Study of At-Risk Adolescents. <i>Journal of Criminal Justice</i> , <b>2018</b> , 56, 107-117	3.6	18
52	Review of Neurobiological Influences on Externalizing and Internalizing Pathways to Alcohol Use Disorder. <i>Current Behavioral Neuroscience Reports</i> , <b>2018</b> , 5, 249-262	1.7	5

51	Striatal dopaminergic reward response relates to age of first drunkenness and feedback response in at-risk youth. <i>Addiction Biology</i> , <b>2017</b> , 22, 502-512	4.6	13
50	Effects of the serotonin transporter gene, sensitivity of response to alcohol, and parental monitoring on risk for problem alcohol use. <i>Alcohol</i> , <b>2017</b> , 59, 7-16	2.7	9
49	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> , <b>2017</b> , 12, 965-975	4	26
48	BOYS, EARLY RISK FACTORS FOR ALCOHOL PROBLEMS, AND THE DEVELOPMENT OF THE SELF: AN INTERCONNECTED MATRIX. <i>Infant Mental Health Journal</i> , <b>2017</b> , 38, 83-96	2.3	7
47	Gender differences in the transmission of risk for antisocial behavior problems across generations. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177288	3.7	3
46	Reduced brain activation during inhibitory control in children with Val/Val genotype. <i>Brain and Behavior</i> , <b>2016</b> , 6, e00577	3.4	5
45	Alcohol Use and the Alcohol Use Disorders Over the Life Course: A Cross-Level Developmental Review <b>2016</b> , 1-40		7
44	Sleep mediates the link between resiliency and behavioural problems in children at high and low risk for alcoholism. <i>Journal of Sleep Research</i> , <b>2016</b> , 25, 341-9	5.8	7
43	Genetic imaging consortium for addiction medicine: From neuroimaging to genes. <i>Progress in Brain Research</i> , <b>2016</b> , 224, 203-23	2.9	15
42	Association of Marijuana Use With Blunted Nucleus Accumbens Response to Reward Anticipation. <i>JAMA Psychiatry</i> , <b>2016</b> , 73, 838-44	14.5	56
41	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> , <b>2016</b> , 28, 15-26	4.3	22
40	Neuroimaging Risk Markers for Substance Abuse: Recent Findings on Inhibitory Control and Reward System Functioning. <i>Current Addiction Reports</i> , <b>2015</b> , 2, 91-103	3.9	55
39	Affective personality predictors of disrupted reward learning and pursuit in major depressive disorder. <i>Psychiatry Research</i> , <b>2015</b> , 230, 56-64	9.9	14
38	Brain activation to negative stimuli mediates a relationship between adolescent marijuana use and later emotional functioning. <i>Developmental Cognitive Neuroscience</i> , <b>2015</b> , 16, 71-83	5.5	26
37	Dynamic interactions between plasma IL-1 family cytokines and central endogenous opioid neurotransmitter function in humans. <i>Neuropsychopharmacology</i> , <b>2015</b> , 40, 554-65	8.7	18
36	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> , <b>2015</b> , 76, 781-9	1.9	22
35	Sex, age, race and intervention type in clinical studies of HIV cure: a systematic review. <i>AIDS Research and Human Retroviruses</i> , <b>2015</b> , 31, 85-97	1.6	37
34	Effect of GABRA2 genotype on development of incentive-motivation circuitry in a sample enriched for alcoholism risk. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 3077-86	8.7	45

33	Substance abuse risk in emerging adults associated with smaller frontal gray matter volumes and higher externalizing behaviors. <i>Drug and Alcohol Dependence</i> , <b>2014</b> , 137, 68-75	4.9	28
32	Relationship between impulsivity, prefrontal anticipatory activation, and striatal dopamine release during rewarded task performance. <i>Psychiatry Research - Neuroimaging</i> , <b>2014</b> , 223, 244-52	2.9	45
31	Left middle frontal gyrus response to inhibitory errors in children prospectively predicts early problem substance use. <i>Drug and Alcohol Dependence</i> , <b>2014</b> , 141, 51-7	4.9	58
30	Theory of mind among young adult children from alcoholic families. <i>Journal of Studies on Alcohol and Drugs</i> , <b>2014</b> , 75, 889-94	1.9	12
29	Genetic variation in GABRA2 moderates peer influence on externalizing behavior in adolescents. <i>Brain and Behavior</i> , <b>2014</b> , 4, 833-40	3.4	15
28	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> , <b>2014</b> , 34, 4099-107	6.6	39
27	Functional genetic variants in the vesicular monoamine transporter 1 modulate emotion processing. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 129-39	15.1	22
26	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> , <b>2014</b> , 15, 1346-58	2.8	32
25	Rule breaking mediates the developmental association between GABRA2 and adolescent substance abuse. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2014</b> , 55, 1372-9	7.9	23
24	Development of impulse control circuitry in children of alcoholics. <i>Biological Psychiatry</i> , <b>2014</b> , 76, 708-167.9		44
23	Accumbens functional connectivity during reward mediates sensation-seeking and alcohol use in high-risk youth. <i>Drug and Alcohol Dependence</i> , <b>2013</b> , 128, 130-9	4.9	75
22	What is a representative brain? Neuroscience meets population science. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 17615-22	11.5	131
21	Sex differences in anterior cingulate cortex activation during impulse inhibition and behavioral correlates. <i>Psychiatry Research - Neuroimaging</i> , <b>2012</b> , 201, 54-62	2.9	52
20	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> , <b>2012</b> , 36, 1355-64	3.7	27
19	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> , <b>2012</b> , 17, 511-9	15.1	151
18	Variation in the corticotropin-releasing hormone receptor 1 (CRHR1) gene influences fMRI signal responses during emotional stimulus processing. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 3253-60	6.6	51
17	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> , <b>2012</b> , 32, 2544-51	6.6	85
16	Executive function in chronic pain patients and healthy controls: different cortical activation during response inhibition in fibromyalgia. <i>Journal of Pain</i> , <b>2011</b> , 12, 1219-29	5.2	113

15	Emotion processing, major depression, and functional genetic variation of neuropeptide Y. <i>Archives of General Psychiatry</i> , <b>2011</b> , 68, 158-66		85
14	Parsing the Undercontrol/Disinhibition Pathway to Substance Use Disorders: A Multilevel Developmental Problem. <i>Child Development Perspectives</i> , <b>2011</b> , 5, 248-255	5.5	142
13	Striatal dysfunction marks preexisting risk and medial prefrontal dysfunction is related to problem drinking in children of alcoholics. <i>Biological Psychiatry</i> , <b>2010</b> , 68, 287-95	7.9	80
12	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> , <b>2010</b> , 183, 202-8	2.9	33
11	Tackling the Kraepelinian Dichotomy: a Neuroimaging Review. <i>Psychiatric Annals</i> , <b>2010</b> , 40, 154-159	0.5	2
10	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> , <b>2008</b> , 32, 414-26	3.7	72
9	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> , <b>2008</b> , 47, 1158-65	7.2	66
8	Smoking modulation of mu-opioid and dopamine D2 receptor-mediated neurotransmission in humans. <i>Neuropsychopharmacology</i> , <b>2007</b> , 32, 450-7	8.7	105
7	Variations in the human pain stress experience mediated by ventral and dorsal basal ganglia dopamine activity. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 10789-95	6.6	226
6	Regional cerebral blood flow responses to smoking in tobacco smokers after overnight abstinence. <i>American Journal of Psychiatry</i> , <b>2005</b> , 162, 567-77	11.9	96
5	COMT val158met genotype affects mu-opioid neurotransmitter responses to a pain stressor. <i>Science</i> , <b>2003</b> , 299, 1240-3	33.3	906
4	Egocentric body-centered coordinates modulate visuomotor performance. <i>Neuropsychologia</i> , <b>2002</b> , 40, 1822-33	3.2	24
3	Spatial characteristics of cerebral polyopia: a case study. <i>Vision Research</i> , <b>1998</b> , 38, 3965-78	2.1	13
2	Sex Moderates Reward- and Loss-Related Neural Correlates of Triarchic-Model Traits and Antisocial Behavior. <i>Clinical Psychological Science</i> , 216770262110547	6	
1	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study		14