

# Matthew D Albaugh

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

2,847  
citations

218677

26  
h-index

189892

50  
g-index

63  
all docs

63  
docs citations

63  
times ranked

4361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Demographic, physical and mental health assessments in the adolescent brain and cognitive development study: Rationale and description. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 55-66.	4.0	455
2	Trajectories of cortical thickness maturation in normal brain development – The importance of quality control procedures. <i>NeuroImage</i> , 2016, 125, 267-279.	4.2	251
3	Amygdala Volume Associated With Alcohol Abuse Relapse and Craving. <i>American Journal of Psychiatry</i> , 2008, 165, 1179-1184.	7.2	215
4	Anxious/Depressed Symptoms are Linked to Right Ventromedial Prefrontal Cortical Thickness Maturation in Healthy Children and Young Adults. <i>Cerebral Cortex</i> , 2014, 24, 2941-2950.	2.9	149
5	Decreased Absolute Amygdala Volume in Cocaine Addicts. <i>Neuron</i> , 2004, 44, 729-740.	8.1	140
6	Cortical Thickness Maturation and Duration of Music Training: Health-Promoting Activities Shape Brain Development. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 1153-1161.e2.	0.5	132
7	MRI-based surface-assisted parcellation of human cerebellar cortex: an anatomically specified method with estimate of reliability. <i>NeuroImage</i> , 2005, 25, 1146-1160.	4.2	91
8	A testosterone-related structural brain phenotype predicts aggressive behavior from childhood to adulthood. <i>Psychoneuroendocrinology</i> , 2016, 63, 109-118.	2.7	89
9	Right Anterior Cingulate Cortical Thickness and Bilateral Striatal Volume Correlate with Child Behavior Checklist Aggressive Behavior Scores in Healthy Children. <i>Biological Psychiatry</i> , 2011, 70, 283-290.	1.3	86
10	Decreased Regional Cortical Thickness and Thinning Rate Are Associated With Inattention Symptoms in Healthy Children. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2012, 51, 18-27.e2.	0.5	82
11	Association of Cannabis Use During Adolescence With Neurodevelopment. <i>JAMA Psychiatry</i> , 2021, 78, 1031.	11.0	82
12	Recalibrating expectations about effect size: A multi-method survey of effect sizes in the ABCD study. <i>PLoS ONE</i> , 2021, 16, e0257535.	2.5	71
13	Cortical Thickness, Cortico-Amygdalar Networks, and Externalizing Behaviors in Healthy Children. <i>Biological Psychiatry</i> , 2014, 75, 65-72.	1.3	70
14	Grey Matter Volume Differences Associated with Extremely Low Levels of Cannabis Use in Adolescence. <i>Journal of Neuroscience</i> , 2019, 39, 1817-1827.	3.6	70
15	COMT Val158Met Genotype as a Risk Factor for Problem Behaviors in Youth. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 841-849.	0.5	49
16	Neural circuitry underlying sustained attention in healthy adolescents and in ADHD symptomatology. <i>NeuroImage</i> , 2018, 169, 395-406.	4.2	47
17	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
18	Sex-specific associations of testosterone with prefrontal-hippocampal development and executive function. <i>Psychoneuroendocrinology</i> , 2017, 76, 206-217.	2.7	44

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19	Trajectories of cortical surface area and cortical volume maturation in normal brain development. <i>Data in Brief</i> , 2015, 5, 929-938.	1.0	43
20	Neuroimaging Biomarkers of a History of Concussion Observed in Asymptomatic Young Athletes. <i>Journal of Neurotrauma</i> , 2016, 33, 803-810.	3.4	41
21	Inattention and Reaction Time Variability Are Linked to Ventromedial Prefrontal Volume in Adolescents. <i>Biological Psychiatry</i> , 2017, 82, 660-668.	1.3	38
22	Age-related volumetric change of limbic structures and subclinical anxious/depressed symptomatology in typically developing children and adolescents. <i>Biological Psychology</i> , 2017, 124, 133-140.	2.2	38
23	Methylation in OTX2 and related genes, maltreatment, and depression in children. <i>Neuropsychopharmacology</i> , 2018, 43, 2204-2211.	5.4	38
24	Demographic and mental health assessments in the adolescent brain and cognitive development study: Updates and age-related trajectories. <i>Developmental Cognitive Neuroscience</i> , 2021, 52, 101031.	4.0	34
25	Postconcussion Symptoms Are Associated with Cerebral Cortical Thickness in Healthy Collegiate and Preparatory School Ice Hockey Players. <i>Journal of Pediatrics</i> , 2015, 166, 394-400.e1.	1.8	33
26	Evidence for a cerebral cortical thickness network anti-correlated with amygdalar volume in healthy youths: Implications for the neural substrates of emotion regulation. <i>NeuroImage</i> , 2013, 71, 42-49.	4.2	32
27	The initiation of cannabis use in adolescence is predicted by sex-specific psychosocial and neurobiological features. <i>European Journal of Neuroscience</i> , 2019, 50, 2346-2356.	2.6	32
28	Investigation of Psychiatric and Neuropsychological Correlates of Default Mode Network and Dorsal Attention Network Anticorrelation in Children. <i>Cerebral Cortex</i> , 2020, 30, 6083-6096.	2.9	32
29	Anxious/depressed symptoms are related to microstructural maturation of white matter in typically developing youths. <i>Development and Psychopathology</i> , 2017, 29, 751-758.	2.3	30
30	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. <i>JAMA Neurology</i> , 2021, 78, 578.	9.0	28
31	Dehydroepiandrosterone impacts working memory by shaping cortico-hippocampal structural covariance during development. <i>Psychoneuroendocrinology</i> , 2017, 86, 110-121.	2.7	27
32	Substance Use Initiation, Particularly Alcohol, in Drug-Naive Adolescents: Possible Predictors and Consequences From a Large Cohort Naturalistic Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 623-636.	0.5	25
33	The developmental relationship between DHEA and visual attention is mediated by structural plasticity of cortico-amygdalar networks. <i>Psychoneuroendocrinology</i> , 2016, 70, 122-133.	2.7	23
34	White matter microstructure is associated with hyperactive/inattentive symptomatology and polygenic risk for attention-deficit/hyperactivity disorder in a population-based sample of adolescents. <i>Neuropsychopharmacology</i> , 2019, 44, 1597-1603.	5.4	22
35	Multimethod investigation of the neurobiological basis of ADHD symptomatology in children aged 9-10: baseline data from the ABCD study. <i>Translational Psychiatry</i> , 2021, 11, 64.	4.8	20
36	Child Temperament, Maternal Parenting Behavior, and Child Social Functioning. <i>Journal of Child and Family Studies</i> , 2015, 24, 1152-1162.	1.3	19

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37	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
38	Ventromedial Prefrontal Volume in Adolescence Predicts Hyperactive/Inattentive Symptoms in Adulthood. <i>Cerebral Cortex</i> , 2019, 29, 1866-1874.	2.9	16
39	Social supports moderate the effects of child adversity on neural correlates of threat processing. <i>Child Abuse and Neglect</i> , 2020, 102, 104413.	2.6	16
40	Individual differences in stop-related activity are inflated by the adaptive algorithm in the stop signal task. <i>Human Brain Mapping</i> , 2018, 39, 3263-3276.	3.6	9
41	Examination of the association between exposure to childhood maltreatment and brain structure in young adults: a machine learning analysis. <i>Neuropsychopharmacology</i> , 2021, 46, 1888-1894.	5.4	9
42	Maturational trajectories of pericortical contrast in typical brain development. <i>NeuroImage</i> , 2021, 235, 117974.	4.2	9
43	Longitudinal associations between amygdala reactivity and cannabis use in a large sample of adolescents. <i>Psychopharmacology</i> , 2020, 237, 3447-3458.	3.1	7
44	Sex Differences in Psychopathology in a Large Cohort of Nine and Ten-Year-Olds. <i>Psychiatry Research</i> , 2021, 302, 114026.	3.3	7
45	Amygdalar reactivity is associated with prefrontal cortical thickness in a large population-based sample of adolescents. <i>PLoS ONE</i> , 2019, 14, e0216152.	2.5	5
46	Tubulin Polymerization Promoting Protein (TPPP) gene methylation and corpus callosum measures in maltreated children. <i>Psychiatry Research - Neuroimaging</i> , 2020, 298, 111058.	1.8	4
47	The ventromedial prefrontal cortex: a putative locus for trait inattention. <i>Neuropsychopharmacology</i> , 2019, 44, 226-227.	5.4	4
48	Brain structural covariance network differences in adults with alcohol dependence and heavy-drinking adolescents. <i>Addiction</i> , 2022, 117, 1312-1325.	3.3	4
49	Connecting With Resilience. <i>Biological Psychiatry</i> , 2019, 85, 621-622.	1.3	2
50	Age-specific associations between oestradiol, cortico-amygdalar structural covariance, and verbal and spatial skills. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12698.	2.6	2
51	Obsessive-Compulsive Disorder in the Adolescent Brain Cognitive Development Study: Impact of Changes From DSM-IV to DSM-5. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 421-424.	0.5	2
52	Association of Alcohol With Cortical Thickness in Adolescents—Reply. <i>JAMA Psychiatry</i> , 2021, 78, 1284.	11.0	2
53	Structural Vestiges of Early Fearful Temperament in the Adult Brain. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 91-92.	0.5	0
54	976. Estradiol, Cortico-Amygdalar Structural Networks and Cognitive Development. <i>Biological Psychiatry</i> , 2017, 81, S395.	1.3	0

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55	F67. Increased Amygdalar Activation to Angry Faces is Linked to Reduced Prefrontal Cortical Thickness and Hyperactive/Inattentive Symptomatology in Adolescents. <i>Biological Psychiatry</i> , 2018, 83, S263-S264.	1.3	0
56	131. OTX2, Child Abuse, and Psychosis. <i>Biological Psychiatry</i> , 2019, 85, S54-S55.	1.3	0
57	58. Child Abuse, Depression, and Methylation in Myelin-Related Genes. <i>Biological Psychiatry</i> , 2019, 85, S24-S25.	1.3	0
58	Brain Structure and Internalizing Psychopathology in Children 9-10 Years of Age: Results From the Adolescent Brain Cognitive Development Study. <i>Biological Psychiatry</i> , 2021, 89, S367.	1.3	0
59	P112. Polygenic Risk for Depression Moderates an Association Between Amygdala Connectivity and Internalizing Symptomatology in Childhood. <i>Biological Psychiatry</i> , 2022, 91, S132.	1.3	0
60	Differential Effects of Adolescent Versus Early Adult Cannabis Initiation on Longitudinal Brain Development: Evidence for Adolescence as a Period of Vulnerability. <i>Biological Psychiatry</i> , 2022, 91, S9.	1.3	0