Michael N Smolka

List of Publications by Year in descending order

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391 papers

19,099 citations

14655 66 h-index 114

419 all docs

419 docs citations

419 times ranked 18730 citing authors

g-index

#	Article	IF	CITATIONS
1	Amygdala-prefrontal coupling depends on a genetic variation of the serotonin transporter. Nature Neuroscience, 2005, 8, 20-21.	14.8	644
2	The IMAGEN study: reinforcement-related behaviour in normal brain function and psychopathology. Molecular Psychiatry, 2010, 15, 1128-1139.	7.9	539
3	Correlated gene expression supports synchronous activity in brain networks. Science, 2015, 348, 1241-1244.	12.6	532
4	Cue-induced activation of the striatum and medial prefrontal cortex is associated with subsequent relapse in abstinent alcoholics. Psychopharmacology, 2004, 175, 296-302.	3.1	526
5	Correlation Between Dopamine D ₂ Receptors in the Ventral Striatum and Central Processing of Alcohol Cues and Craving. American Journal of Psychiatry, 2004, 161, 1783-1789.	7.2	508
6	Catechol- <i>O</i> -Methyltransferase <i>val¹⁵⁸met</i> Genotype Affects Processing of Emotional Stimuli in the Amygdala and Prefrontal Cortex. Journal of Neuroscience, 2005, 25, 836-842.	3 . 6	390
7	Adolescent impulsivity phenotypes characterized by distinct brain networks. Nature Neuroscience, 2012, 15, 920-925.	14.8	368
8	Neuropsychosocial profiles of current and future adolescent alcohol misusers. Nature, 2014, 512, 185-189.	27.8	368
9	Correlation Between Dopamine D2 Receptors in the Ventral Striatum and Central Processing of Alcohol Cues and Craving. American Journal of Psychiatry, 2004, 161, 1783-1789.	7.2	341
10	Correlation of Alcohol Craving With Striatal Dopamine Synthesis Capacity and D2/3Receptor Availability: A Combined [18F]DOPA and [18F]DMFP PET Study in Detoxified Alcoholic Patients. American Journal of Psychiatry, 2005, 162, 1515-1520.	7.2	253
11	Effect of Brain Structure, Brain Function, and Brain Connectivity on Relapse in Alcohol-Dependent Patients. Archives of General Psychiatry, 2012, 69, 842.	12.3	241
12	The Brain's Response to Reward Anticipation and Depression in Adolescence: Dimensionality, Specificity, and Longitudinal Predictions in a Community-Based Sample. American Journal of Psychiatry, 2015, 172, 1215-1223.	7.2	237
13	The structure of psychopathology in adolescence and its common personality and cognitive correlates Journal of Abnormal Psychology, 2016, 125, 1039-1052.	1.9	217
14	Amygdala Volume Associated With Alcohol Abuse Relapse and Craving. American Journal of Psychiatry, 2008, 165, 1179-1184.	7.2	215
15	Severity of nicotine dependence modulates cue-induced brain activity in regions involved in motor preparation and imagery. Psychopharmacology, 2006, 184, 577-588.	3.1	202
16	Lower Ventral Striatal Activation During Reward Anticipation in Adolescent Smokers. American Journal of Psychiatry, 2011, 168, 540-549.	7.2	198
17	Association of Low Striatal Dopamine D ₂ Receptor Availability With Nicotine Dependence Similar to That Seen With Other Drugs of Abuse. American Journal of Psychiatry, 2008, 165, 507-514.	7.2	189
18	Association of a regulatory polymorphism in the promoter region of the monoamine oxidase A gene with antisocial alcoholism. Psychiatry Research, 1999, 86, 67-72.	3.3	178

#	Article	IF	Citations
19	Nicotine Dependence Is Characterized by Disordered Reward Processing in a Network Driving Motivation. Biological Psychiatry, 2010, 67, 745-752.	1.3	172
20	Early Cannabis Use, Polygenic Risk Score for Schizophrenia and Brain Maturation in Adolescence. JAMA Psychiatry, 2015, 72, 1002.	11.0	156
21	Model-Based and Model-Free Decisions in Alcohol Dependence. Neuropsychobiology, 2014, 70, 122-131.	1.9	154
22	Dopamine in amygdala gates limbic processing of aversive stimuli in humans. Nature Neuroscience, 2008, 11, 1381-1382.	14.8	150
23	Gene–gene effects on central processing of aversive stimuli. Molecular Psychiatry, 2007, 12, 307-317.	7.9	148
24	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. Brain Imaging and Behavior, 2017, 11, 1497-1514.	2.1	144
25	The neural basis of video gaming. Translational Psychiatry, 2011, 1, e53-e53.	4.8	141
26	Risk Taking and the Adolescent Reward System: A Potential Common Link to Substance Abuse. American Journal of Psychiatry, 2012, 169, 39-46.	7.2	138
27	Pavlovian-to-instrumental transfer effects in the nucleus accumbens relate to relapse in alcohol dependence. Addiction Biology, 2016, 21, 719-731.	2.6	136
28	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe)â€"From trajectories to mechanisms and interventions. Addiction Biology, 2020, 25, e12866.	2.6	135
29	When Habits Are Dangerous: Alcohol Expectancies and Habitual Decision Making Predict Relapse in Alcohol Dependence. Biological Psychiatry, 2017, 82, 847-856.	1.3	133
30	Brain Activation Elicited by Affectively Positive Stimuli Is Associated With a Lower Risk of Relapse in Detoxified Alcoholic Subjects. Alcoholism: Clinical and Experimental Research, 2007, 31, 1138-1147.	2.4	131
31	Midbrain serotonin transporter binding potential measured with [11C]DASB is affected by serotonin transporter genotype. Journal of Neural Transmission, 2007, 114, 635-639.	2.8	128
32	Determinants of Early Alcohol Use In Healthy Adolescents: The Differential Contribution of Neuroimaging and Psychological Factors. Neuropsychopharmacology, 2012, 37, 986-995.	5.4	124
33	The Effects of Catechol O-methyltransferase Genotype on Brain Activation Elicited by Affective Stimuli and Cognitive Tasks. Reviews in the Neurosciences, 2006, 17, 359-67.	2.9	122
34	Serotonin Transporter Genotype (5-HTTLPR): Effects of Neutral and Undefined Conditions on Amygdala Activation. Biological Psychiatry, 2007, 61, 1011-1014.	1.3	122
35	Quantifying performance of machine learning methods for neuroimaging data. NeuroImage, 2019, 199, 351-365.	4.2	120
36	Anxiety is associated with reduced central serotonin transporter availability in unmedicated patients with unipolar major depression: a [11C]DASB PET study. Molecular Psychiatry, 2008, 13, 606-613.	7.9	113

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37	Effects of the Circadian Rhythm Gene Period 1 ($\langle i \rangle$ Per1 $\langle j \rangle$) on Psychosocial Stress-Induced Alcohol Drinking. American Journal of Psychiatry, 2011, 168, 1090-1098.	7.2	113
38	Quality Control of Structural MRI Images Applied Using FreeSurfer—A Hands-On Workflow to Rate Motion Artifacts. Frontiers in Neuroscience, 2016, 10, 558.	2.8	111
39	Neural and Cognitive Correlates of the Common and Specific Variance Across Externalizing Problems in Young Adolescence. American Journal of Psychiatry, 2014, 171, 1310-1319.	7.2	107
40	Fasting levels of ghrelin covary with the brain response to food pictures. Addiction Biology, 2013, 18, 855-862.	2.6	100
41	Results of a double-blind, placebo-controlled pharmacotherapy trial in alcoholism conducted in Germany and comparison with the US COMBINE study. Addiction Biology, 2013, 18, 937-946.	2.6	98
42	Involvement of the atrial natriuretic peptide transcription factor GATA4 in alcohol dependence, relapse risk and treatment response to acamprosate. Pharmacogenomics Journal, 2011, 11, 368-374.	2.0	93
43	Elevated cognitive control over reward processing in recovered female patients with anorexia nervosa. Journal of Psychiatry and Neuroscience, 2015, 40, 307-315.	2.4	93
44	How the serotonin transporter 5-HTTLPR polymorphism influences amygdala function: the roles of in vivo serotonin transporter expression and amygdala structure. Translational Psychiatry, 2011, 1, e37-e37.	4.8	91
45	<i>RASGRF2</i> regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21128-21133.	7.1	90
46	(Still) longing for food: Insulin reactivity modulates response to food pictures. Human Brain Mapping, 2013, 34, 2367-2380.	3.6	89
47	Blockade of Cue-induced Brain Activation of Abstinent Alcoholics by a Single Administration of Amisulpride as Measured With fMRI. Alcoholism: Clinical and Experimental Research, 2006, 30, 1349-1354.	2.4	88
48	Cortical thickness of superior frontal cortex predicts impulsiveness and perceptual reasoning in adolescence. Molecular Psychiatry, 2013, 18, 624-630.	7.9	87
49	Temporal delay discounting in acutely ill and weight-recovered patients with anorexia nervosa. Psychological Medicine, 2015, 45, 1229-1239.	4.5	87
50	Blunted ventral striatal responses to anticipated rewards foreshadow problematic drug use in novelty-seeking adolescents. Nature Communications, 2017, 8, 14140.	12.8	87
51	Effects of acute psychological stress on adhesion molecules, interleukins and sex hormones: implications for coronary heart disease. Psychopharmacology, 2003, 165, 111-117.	3.1	86
52	Side effects of intravenous immunoglobulins in neurological autoimmune disorders. Journal of Neurology, 2003, 250, 818-821.	3.6	86
53	Searching for Responders to Acamprosate and Naltrexone in Alcoholism Treatment: Rationale and Design of the <i>Predict Study</i> . Alcoholism: Clinical and Experimental Research, 2009, 33, 674-683.	2.4	86
54	The levels of norharman are high enough after smoking to affect monoamineoxidase B in platelets. European Journal of Pharmacology, 2002, 441, 115-125.	3.5	85

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55	Different allele distribution of a regulatory MAOA gene promoter polymorphism in antisocial and anxious-depressive alcoholics. Journal of Neural Transmission, 2000, 107, 681-689.	2.8	84
56	Efficacy of an Algorithm-Guided Treatment Compared With Treatment as Usual. Journal of Clinical Psychopharmacology, 2009, 29, 327-333.	1.4	82
57	Association of Cannabis Use During Adolescence With Neurodevelopment. JAMA Psychiatry, 2021, 78, 1031.	11.0	82
58	Alcohol-Induced Impairment of Inhibitory Control Is Linked to Attenuated Brain Responses in Right Fronto-Temporal Cortex. Biological Psychiatry, 2014, 76, 698-707.	1.3	81
59	Predicting Naltrexone Response in Alcoholâ€Dependent Patients: The Contribution of Functional Magnetic Resonance Imaging. Alcoholism: Clinical and Experimental Research, 2014, 38, 2754-2762.	2.4	79
60	Addressing the reliability fallacy in fMRI: Similar group effects may arise from unreliable individual effects. Neurolmage, 2019, 195, 174-189.	4.2	77
61	$\hat{l}^{1}\!\!/\!\!4$ -Opioid receptor variants and dopaminergic sensitivity in alcohol withdrawal. Psychoneuroendocrinology, 1999, 24, 629-638.	2.7	76
62	A systems medicine research approach for studying alcohol addiction. Addiction Biology, 2013, 18, 883-896.	2.6	76
63	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	14.8	75
64	Monitor yourself! Deficient error-related brain activity predicts real-life self-control failures. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 622-637.	2.0	74
65	Boys do it the right way: Sex-dependent amygdala lateralization during face processing in adolescents. Neurolmage, 2011, 56, 1847-1853.	4.2	73
66	Severity of dependence modulates smokers' neuronal cue reactivity and cigarette craving elicited by tobacco advertisement. Addiction Biology, 2011, 16, 166-175.	2.6	72
67	Genetic analysis of the $\hat{l}\frac{1}{4}$ -opioid receptor in alcohol-dependent individuals. Alcohol, 2001, 24, 129-135.	1.7	70
68	Allelic Variants of the Functional Promoter Polymorphism of the Human Serotonin Transporter Gene is Associated with Auditory Cortical Stimulus Processing. Neuropsychopharmacology, 2003, 28, 530-532.	5.4	70
69	Positive Association of Video Game Playing with Left Frontal Cortical Thickness in Adolescents. PLoS ONE, 2014, 9, e91506.	2.5	70
70	Grey Matter Volume Differences Associated with Extremely Low Levels of Cannabis Use in Adolescence. Journal of Neuroscience, 2019, 39, 1817-1827.	3.6	70
71	Mapping adolescent reward anticipation, receipt, and prediction error during the monetary incentive delay task. Human Brain Mapping, 2019, 40, 262-283.	3.6	69
72	Processing speed enhances model-based over model-free reinforcement learning in the presence of high working memory functioning. Frontiers in Psychology, 2014, 5, 1450.	2.1	68

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73	Association of Protein Phosphatase <i>PPM1G < i>With Alcohol Use Disorder and Brain Activity During Behavioral Control in a Genome-Wide Methylation Analysis. American Journal of Psychiatry, 2015, 172, 543-552.</i>	7.2	68
74	Reduced availability of serotonin transporters in obsessive-compulsive disorder correlates with symptom severity $\hat{a} \in [11C]$ DASB PET study. Journal of Neural Transmission, 2007, 114, 1603-1609.	2.8	67
75	Creating probabilistic maps of the face network in the adolescent brain: A multicentre functional MRI study. Human Brain Mapping, 2012, 33, 938-957.	3.6	67
76	Cognitive and brain development is independently influenced by socioeconomic status and polygenic scores for educational attainment. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12411-12418.	7.1	66
77	Human μâ€Opioid Receptor Variation and Alcohol Dependence. Alcoholism: Clinical and Experimental Research, 1998, 22, 2108-2110.	2.4	64
78	Impact of Chemotherapy for Childhood Leukemia on Brain Morphology and Function. PLoS ONE, 2013, 8, e78599.	2.5	63
79	Ongoing neural development of affective theory of mind in adolescence. Social Cognitive and Affective Neuroscience, 2014, 9, 1022-1029.	3.0	62
80	Reward processing and intertemporal decision making in adults and adolescents: The role of impulsivity and decision consistency. Brain Research, 2012, 1478, 36-47.	2.2	61
81	Central serotonin transporter levels are associated with stress hormone response and anxiety. Psychopharmacology, 2011, 213, 563-572.	3.1	59
82	Balancing reward and work: Anticipatory brain activation in NAcc and VTA predict effort differentially. NeuroImage, 2014, 102, 510-519.	4.2	58
83	Polymorphisms in the N-methyl-D-aspartate receptor 1 and 2B subunits are associated with alcoholism-related traits. Biological Psychiatry, 2003, 54, 922-928.	1.3	57
84	Rsu1 regulates ethanol consumption in <i>Drosophila</i> and humans. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4085-93.	7.1	57
85	Single nucleotide polymorphism in the neuroplastin locus associates with cortical thickness and intellectual ability in adolescents. Molecular Psychiatry, 2015, 20, 263-274.	7.9	57
86	Quantitative neurobiological evidence for accelerated brain aging in alcohol dependence. Translational Psychiatry, 2017, 7, 1279.	4.8	57
87	No association of goalâ€directed and habitual control with alcohol consumption in young adults. Addiction Biology, 2018, 23, 379-393.	2.6	56
88	The influence of heroin dose and route of administration on the severity of the opiate withdrawal syndrome. Addiction, 1999, 94, 1191-1198.	3.3	55
89	Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder Symptoms Are Stratified by MAOA Genotype. Biological Psychiatry, 2013, 74, 607-614.	1.3	54
90	Cannabis use in early adolescence: Evidence of amygdala hypersensitivity to signals of threat. Developmental Cognitive Neuroscience, 2015, 16, 63-70.	4.0	54

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91	Brain Regions Related to Impulsivity Mediate the Effects of Early Adversity on Antisocial Behavior. Biological Psychiatry, 2017, 82, 275-282.	1.3	54
92	Peer victimization and its impact on adolescent brain development and psychopathology. Molecular Psychiatry, 2020, 25, 3066-3076.	7.9	54
93	The empirical replicability of task-based fMRI as a function of sample size. NeuroImage, 2020, 212, 116601.	4.2	54
94	Sex Differences in COMT Polymorphism Effects on Prefrontal Inhibitory Control in Adolescence. Neuropsychopharmacology, 2014, 39, 2560-2569.	5.4	53
95	Oxytocin Receptor Genotype Modulates Ventral Striatal Activity to Social Cues and Response to Stressful Life Events. Biological Psychiatry, 2014, 76, 367-376.	1.3	53
96	Neural basis of reward anticipation and its genetic determinants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3879-3884.	7.1	53
97	Action versus state orientation moderates the impact of executive functioning on real-life self-control Journal of Experimental Psychology: General, 2016, 145, 1635-1653.	2.1	52
98	No Differences in Hippocampal Volume between Carriers and Non-Carriers of the ApoE $\hat{l}\mu4$ and $\hat{l}\mu2$ Alleles in Young Healthy Adolescents. Journal of Alzheimer's Disease, 2014, 40, 37-43.	2.6	51
99	Low μ-Opioid Receptor Status in Alcohol Dependence Identified by Combined Positron Emission Tomography and Post-Mortem Brain Analysis. Neuropsychopharmacology, 2017, 42, 606-614.	5.4	51
100	Association of a Schizophrenia-Risk Nonsynonymous Variant With Putamen Volume in Adolescents. JAMA Psychiatry, 2019, 76, 435.	11.0	51
101	Dissociating neural learning signals in human sign- and goal-trackers. Nature Human Behaviour, 2020, 4, 201-214.	12.0	51
102	Does prophylaxis-delay in bipolar disorder influence outcome? Results from a long-term study of 147 patients. Acta Psychiatrica Scandinavica, 2003, 107, 260-267.	4.5	50
103	Genomic architecture of human neuroanatomical diversity. Molecular Psychiatry, 2015, 20, 1011-1016.	7.9	50
104	Altered Neural Efficiency of Decision Making During Temporal Reward Discounting in Anorexia Nervosa. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, 972-979.	0.5	50
105	L-DOPA reduces model-free control of behavior by attenuating the transfer of value to action. Neurolmage, 2019, 186, 113-125.	4.2	50
106	Altered Reward Processing in Adolescents With Prenatal Exposure to Maternal Cigarette Smoking. JAMA Psychiatry, 2013, 70, 847.	11.0	49
107	Structural brain correlates of adolescent resilience. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 1287-1296.	5.2	49
108	Prediction of alcohol drinking in adolescents: Personality-traits, behavior, brain responses, and genetic variations in the context of reward sensitivity. Biological Psychology, 2016, 118, 79-87.	2.2	49

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109	Net influx of plasma 6-[18F]fluoro-l-DOPA (FDOPA) to the ventral striatum correlates with prefrontal processing of affective stimuli. European Journal of Neuroscience, 2006, 24, 305-313.	2.6	48
110	A comparison of region-of-interest measures for extracting whole brain data using survival analysis in alcoholism as an example. Journal of Neuroscience Methods, 2015, 242, 58-64.	2.5	48
111	Identifying disordered eating behaviours in adolescents: how do parent and adolescent reports differ by sex and age?. European Child and Adolescent Psychiatry, 2017, 26, 691-701.	4.7	48
112	Does erotic stimulus presentation design affect brain activation patterns? Event-related vs. blocked fMRI designs. Behavioral and Brain Functions, 2008, 4, 30.	3.3	47
113	Incomplete Hippocampal Inversion: A Comprehensive MRI Study of Over 2000 Subjects. Frontiers in Neuroanatomy, 2015, 9, 160.	1.7	47
114	New evidence of factor structure and measurement invariance of the SDQ across five European nations. European Child and Adolescent Psychiatry, 2015, 24, 1523-1534.	4.7	47
115	Neural circuitry underlying sustained attention in healthy adolescents and in ADHD symptomatology. NeuroImage, 2018, 169, 395-406.	4.2	47
116	The role of context in the processing of alcoholâ€relevant cues. Addiction Biology, 2012, 17, 441-451.	2.6	46
117	FTO, obesity and the adolescent brain. Human Molecular Genetics, 2013, 22, 1050-1058.	2.9	46
118	Altered Medial Frontal Feedback Learning Signals in Anorexia Nervosa. Biological Psychiatry, 2018, 83, 235-243.	1.3	46
119	The IMAGEN study: a decade of imaging genetics in adolescents. Molecular Psychiatry, 2020, 25, 2648-2671.	7.9	46
120	Resilience and corpus callosum microstructure in adolescence. Psychological Medicine, 2015, 45, 2285-2294.	4.5	45
121	Amygdala Regulation Following fMRI-Neurofeedback without Instructed Strategies. Frontiers in Human Neuroscience, 2016, 10, 183.	2.0	45
122	Galantamine reduces smoking in alcohol-dependent patients: a randomized, placebo-controlled trial. International Journal of Clinical Pharmacology and Therapeutics, 2006, 44, 614-622.	0.6	45
123	Genetic variation of the glutamate transporter EAAT2 gene and vulnerability to alcohol dependence. Psychiatric Genetics, 2000, 10, 103-107.	1.1	44
124	How Effective Is Algorithm-Guided Treatment for Depressed Inpatients? Results from the Randomized Controlled Multicenter German Algorithm Project 3 Trial. International Journal of Neuropsychopharmacology, 2017, 20, 721-730.	2.1	44
125	Don't Think, Just Feel the Music: Individuals with Strong Pavlovian-to-Instrumental Transfer Effects Rely Less on Model-based Reinforcement Learning. Journal of Cognitive Neuroscience, 2016, 28, 985-995.	2.3	42
126	Supraphysiologic Doses of Levothyroxine as Adjunctive Therapy in Bipolar Depression. Journal of Clinical Psychiatry, 2014, 75, 162-168.	2.2	42

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127	Aversive Learning in Adolescents: Modulation by Amygdala–Prefrontal and Amygdala–Hippocampal Connectivity and Neuroticism. Neuropsychopharmacology, 2014, 39, 875-884.	5.4	41
128	Personality and Substance Use: Psychometric Evaluation and Validation of the Substance Use Risk Profile Scale (<scp>SURPS</scp>) in English, Irish, French, and German Adolescents. Alcoholism: Clinical and Experimental Research, 2015, 39, 2234-2248.	2.4	41
129	Subthreshold Depression and Regional Brain Volumes in Young Community Adolescents. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 832-840.	0.5	41
130	Neural and Behavioral Correlates of Alcohol-Induced Aggression Under Provocation. Neuropsychopharmacology, 2015, 40, 2886-2896.	5.4	40
131	Polygenic Risk of Psychosis and Ventral Striatal Activation During Reward Processing in Healthy Adolescents. JAMA Psychiatry, 2016, 73, 852.	11.0	40
132	EFhd2/Swiprosin-1 is a common genetic determinator for sensation-seeking/low anxiety and alcohol addiction. Molecular Psychiatry, 2018, 23, 1303-1319.	7.9	40
133	Pubertal maturation and sex effects on the default-mode network connectivity implicated in mood dysregulation. Translational Psychiatry, 2019, 9, 103.	4.8	40
134	Identifying biological markers for improved precision medicine in psychiatry. Molecular Psychiatry, 2020, 25, 243-253.	7.9	40
135	Evidence for the importance of the human dopamine transporter gene for withdrawal symptomatology of alcoholics in a German population. Neuroscience Letters, 2002, 333, 45-48.	2.1	39
136	A Phenotypic Structure and Neural Correlates of Compulsive Behaviors in Adolescents. PLoS ONE, 2013, 8, e80151.	2.5	39
137	Acute and chronic nicotine effects on behaviour and brain activation during intertemporal decision making. Addiction Biology, 2014, 19, 918-930.	2.6	39
138	Impulsive Decision Making in Young Adult Social Drinkers and Detoxified Alcohol-Dependent Patients: A Cross-Sectional and Longitudinal Study. Alcoholism: Clinical and Experimental Research, 2017, 41, 1794-1807.	2.4	39
139	Common structural correlates of trait impulsiveness and perceptual reasoning in adolescence. Human Brain Mapping, 2013, 34, 374-383.	3.6	38
140	No differences in ventral striatum responsivity between adolescents with a positive family history of alcoholism and controls. Addiction Biology, 2015, 20, 534-545.	2.6	38
141	Inattention and Reaction Time Variability Are Linked to Ventromedial Prefrontal Volume in Adolescents. Biological Psychiatry, 2017, 82, 660-668.	1.3	38
142	Increased anterior cingulate cortex response precedes behavioural adaptation in anorexia nervosa. Scientific Reports, 2017, 7, 42066.	3.3	38
143	Decreased brain connectivity in smoking contrasts with increased connectivity in drinking. ELife, 2019, 8, .	6.0	38
144	Predominant influence of the 3'-region of dopamine D2 receptor gene (DRD2) on the clinical phenotype in German alcoholics. Pharmacogenetics and Genomics, 2000, 10, 471-475.	5.7	37

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145	White-matter microstructure and gray-matter volumes in adolescents with subthreshold bipolar symptoms. Molecular Psychiatry, 2014, 19, 462-470.	7.9	37
146	Strong seduction: impulsivity and the impact of contextual cues on instrumental behavior in alcohol dependence. Translational Psychiatry, 2017, 7, e1183-e1183.	4.8	37
147	Identification of neurobehavioural symptom groups based on shared brain mechanisms. Nature Human Behaviour, 2019, 3, 1306-1318.	12.0	37
148	Distinct brain structure and behavior related to ADHD and conduct disorder traits. Molecular Psychiatry, 2020, 25, 3020-3033.	7.9	37
149	A Multi-Cohort Study of ApoE ɛ4 and Amyloid-β Effects on the Hippocampus in Alzheimer's Disease. Journal of Alzheimer's Disease, 2017, 56, 1159-1174.	2.6	36
150	Association analysis of exonic variants of the GABA(B)-receptor gene and alpha electroencephalogram voltage in normal subjects and alcohol-dependent patients. Behavior Genetics, 2003, 33, 7-15.	2.1	35
151	The Influence of Gender and Emotional Valence of Visual Cues on fMRI Activation in Humans. Pharmacopsychiatry, 2003, 36, 191-194.	3.3	35
152	Hypothyroidism and mood disorders: integrating novel insights from brain imaging techniques. Thyroid Research, 2011, 4, S3.	1.5	35
153	Adolescents Adapt More Slowly than Adults to Varying Reward Contingencies. Journal of Cognitive Neuroscience, 2014, 26, 2670-2681.	2.3	35
154	Separate neural systems for behavioral change and for emotional responses to failure during behavioral inhibition. Human Brain Mapping, 2017, 38, 3527-3537.	3.6	35
155	Do ADHD-impulsivity and BMI have shared polygenic and neural correlates?. Molecular Psychiatry, 2021, 26, 1019-1028.	7.9	35
156	COMT val158met Polymorphism and Neural Pain Processing. PLoS ONE, 2012, 7, e23658.	2.5	34
157	Psychosocial Stress and Brain Function in Adolescent Psychopathology. American Journal of Psychiatry, 2017, 174, 785-794.	7.2	34
158	Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. Molecular Psychiatry, 2021, 26, 3884-3895.	7.9	34
159	Reduced striatal activation during reward anticipation due to appetite-provoking cues in chronic schizophrenia: A fMRI study. Schizophrenia Research, 2012, 134, 151-157.	2.0	33
160	Acute Effects of Alcohol on Brain Perfusion Monitored with Arterial Spin Labeling Magnetic Resonance Imaging in Young Adults. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 472-479.	4.3	33
161	Reliability in adolescent fMRI within two years – a comparison of three tasks. Scientific Reports, 2017, 7, 2287.	3.3	33
162	Risk profiles for heavy drinking in adolescence: differential effects of gender. Addiction Biology, 2019, 24, 787-801.	2.6	33

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163	Functional Neuroimaging Predictors of Self-Reported Psychotic Symptoms in Adolescents. American Journal of Psychiatry, 2017, 174, 566-575.	7.2	32
164	The initiation of cannabis use in adolescence is predicted by sexâ€specific psychosocial and neurobiological features. European Journal of Neuroscience, 2019, 50, 2346-2356.	2.6	32
165	Addiction as Learned Behavior Patterns. Journal of Clinical Medicine, 2019, 8, 1086.	2.4	32
166	Lisuride, a dopamine D2 receptor agonist, and anticraving drug expectancy as modifiers of relapse in alcohol dependence. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2002, 26, 209-217.	4.8	31
167	Association of EEG coherence and an exonicGABABR1 gene polymorphism. American Journal of Medical Genetics Part A, 2003, 117B, 51-56.	2.4	31
168	The risk variant in <i><scp>ODZ</scp>4</i> for bipolar disorder impacts on amygdala activation during reward processing. Bipolar Disorders, 2013, 15, 440-445.	1.9	31
169	DRD2/ANKK1 Polymorphism Modulates the Effect of Ventral Striatal Activation on Working Memory Performance. Neuropsychopharmacology, 2014, 39, 2357-2365.	5.4	31
170	Oppositional COMT Val158Met effects on resting state functional connectivity in adolescents and adults. Brain Structure and Function, 2016, 221, 103-114.	2.3	31
171	Value-based decision-making battery: A Bayesian adaptive approach to assess impulsive and risky behavior. Behavior Research Methods, 2018, 50, 236-249.	4.0	31
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