Colin A Hodgkinson

List of Publications by Year
in descending order

118 papers	9,366 citations	31976 53 h-index	40979 93 g-index

124 all docs	124 docs citations	124 times ranked	11657 citing authors

#	Article	IF	Citations
1	Strong and weak cross-inheritance of substance use disorders in a nationally representative sample. Molecular Psychiatry, 2022, 27, 1742-1753.	7.9	4
2	Epigenome-wide association study and multi-tissue replication of individuals with alcohol use disorder: evidence for abnormal glucocorticoid signaling pathway gene regulation. Molecular Psychiatry, 2021, 26, 2224-2237.	7.9	32
3	Shared genetic risk between eating disorderâ€•and substanceâ€useâ€related phenotypes: Evidence from genomeâ€wide association studies. Addiction Biology, 2021, 26, e12880.	2.6	28
4	TSPO polymorphism in individuals with alcohol use disorder: Association with cholesterol levels and withdrawal severity. Addiction Biology, 2021, 26, e12838.	2.6	9
5	Network Metaâ€Analysis on the Mechanisms Underlying Alcohol Augmentation of COVIDâ€19 Pathologies. Alcoholism: Clinical and Experimental Research, 2021, 45, 675-688.	2.4	31
6	Serotonin system genes contribute to the susceptibility to obesity in Black adolescents. Obesity Science and Practice, 2021, 7, 441-449.	1.9	1
7	Genetic contributions to alcohol use disorder treatment outcomes: a genome-wide pharmacogenomics study. Neuropsychopharmacology, 2021, 46, 2132-2139.	5.4	19
8	Leptin Gene and Leptin Receptor Gene Polymorphisms in Alcohol Use Disorder: Findings Related to Psychopathology. Frontiers in Psychiatry, 2021, 12, 723059.	2.6	3
9	FAAH and CNR1 Polymorphisms in the Endocannabinoid System and Alcohol-Related Sleep Quality. Frontiers in Psychiatry, 2021, 12, 712178.	2.6	2
10	Maternal posttraumatic stress and FKBP5 Genotype interact to predict trauma-related symptoms in preschool-age offspring. Journal of Affective Disorders, 2021, 292, 212-216.	4.1	2
11	Hostâ€“parasite interaction associated with major mental illness. Molecular Psychiatry, 2020, 25, 194-205.	7.9	26
12	Relations between catecholâ€Oâ€methyltransferase Val158Met genotype and inhibitory control development in childhood. Developmental Psychobiology, 2020, 62, 181-190.	1.6	4
13	Epigenetic aging is accelerated in alcohol use disorder and regulated by genetic variation in APOL2. Neuropsychopharmacology, 2020, 45, 327-336.	5.4	62
14	A large-scale genome-wide association study meta-analysis of cannabis use disorder. Lancet Psychiatry,the, 2020, 7, 1032-1045.	7.4	200
15	Effects of TPH2 gene variation and childhood trauma on the clinical and circuit-level phenotype of functional movement disorders. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 814-821.	1.9	35
16	Exploratory locomotion, a predictor of addiction vulnerability, is oligogenic in rats selected for this phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13107-13115.	7.1	33
17	Earlyâ€Life Adversity and Blunted Stress Reactivity as Predictors of Alcohol and Drug use in Persons With <scp>COMT</scp> (rs4680) Val158Met Genotypes. Alcoholism: Clinical and Experimental Research, 2019, 43, 1519-1527.	2.4	26
18	Working memory reflects vulnerability to early life adversity as a risk factor for substance use disorder in the FKBP5 cortisol cochaperone polymorphism, rs9296158. PLoS ONE, 2019, 14, e0218212.	2.5	7

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19	OPRM1 rs1799971, COMT rs4680, and FAAH rs324420 genes interact with placebo procedures to induce hypoalgesia. Pain, 2019, 160, 1824-1834.	4.2	30
20	Effects on gene expression and behavior of untagged short tandem repeats: the case of arginine vasopressin receptor 1a (AVPR1a) and externalizing behaviors. Translational Psychiatry, 2018, 8, 72.	4.8	11
21	Severity of alcohol dependence is associated with the fatty acid amide hydrolase Pro129Thr missense variant. Addiction Biology, 2018, 23, 474-484.	2.6	45
22	Dimensional Traits of Schizotypy Associated With Glycine Receptor GLRA1 Polymorphism: An Exploratory Candidate-Gene Association Study. Journal of Personality Disorders, 2018, 32, 421-432.	1.4	7
23	Association of genetic ancestry with striatal dopamine D2/D3 receptor availability. Molecular Psychiatry, 2018, 23, 1711-1716.	7.9	18
24	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. Nature Neuroscience, 2018, 21, 1656-1669.	14.8	490
25	New Repeat Polymorphism in theAKT1Gene Predicts Striatal Dopamine D2/D3 Receptor Availability and Stimulant-Induced Dopamine Release in the Healthy Human Brain. Journal of Neuroscience, 2017, 37, 4982-4991.	3.6	15
26	The Leu72Met Polymorphism of the Prepro-ghrelin Gene is Associated With Alcohol Consumption and Subjective Responses to Alcohol: Preliminary Findings. Alcohol and Alcoholism, 2017, 52, 425-430.	1.6	26
27	Hepatic, lipid and genetic factors associated with obesity: crosstalk with alcohol dependence?. World Journal of Biological Psychiatry, 2017, 18, 120-128.	2.6	8
28	Extracellular dopamine, acetylcholine, and activation of dopamine D1 and D2 receptors after selective breeding for cocaine self-administration in rats. Psychopharmacology, 2017, 234, 2475-2487.	3.1	7
29	Joint Impact of Early Life Adversity and COMT Val158Met (rs4680) Genotypes on the Adult Cortisol Response to Psychological Stress. Psychosomatic Medicine, 2017, 79, 631-637.	2.0	35
30	Brain-derived neurotrophic factor Val66Met genotype modulates amygdala habituation. Psychiatry Research - Neuroimaging, 2017, 263, 85-92.	1.8	22
31	Heightened amygdala responsiveness in s-carriers of 5-HTTLPR genetic polymorphism reflects enhanced cortical rather than subcortical inputs: An MEG study. Human Brain Mapping, 2017, 38, 4313-4321.	3.6	1
32	The abundance of cis-acting loci leading to differential allele expression in F1 mice and their relationship to loci harboring genes affecting complex traits. BMC Genomics, 2016, 17, 620.	2.8	13
33	Early-Life Adversity Interacts with FKBP5 Genotypes: Altered Working Memory and Cardiac Stress Reactivity in the Oklahoma Family Health Patterns Project. Neuropsychopharmacology, 2016, 41, 1724-1732.	5.4	29
34	<scp>GABBR</scp>1 and <scp>SLC</scp>6A1, Two Genes Involved in Modulation of <scp>GABA</scp> Synaptic Transmission, Influence Risk for Alcoholism: Results from Three Ethnically Diverse Populations. Alcoholism: Clinical and Experimental Research, 2016, 40, 93-101.	2.4	20
35	Genome-wide association study in essential tremor identifies three new loci. Brain, 2016, 139, 3163-3169.	7.6	78
36	Association of Superoxide Dismutase 2 (SOD2) Genotype with Gray Matter Volume Shrinkage in Chronic Alcohol Users: Replication and Further Evaluation of an Addiction Gene Panel. International Journal of Neuropsychopharmacology, 2016, 19, pyw033.	2.1	8

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37	A Prospective Cohort Study of Influences on Externalizing Behaviors Across Childhood: Results From a Nurse Home Visiting Randomized Controlled Trial. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, 376-382.	0.5	10
38	Association of the OPRM1 Variant rs1799971 (A118G) with Non-Specific Liability to Substance Dependence in a Collaborative de novo Meta-Analysis of European-Ancestry Cohorts. Behavior Genetics, 2016, 46, 151-169.	2.1	98
39	A Spontaneous Missense Mutation in Branched Chain Keto Acid Dehydrogenase Kinase in the Rat Affects Both the Central and Peripheral Nervous Systems. PLoS ONE, 2016, 11, e0160447.	2.5	16
40	A genomeâ€wide association study of suicidal behavior. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 557-563.	1.7	80
41	Restingâ€state functional connectivity and presynaptic monoamine signaling in Alcohol Dependence. Human Brain Mapping, 2015, 36, 4808-4818.	3.6	24
42	Effect of Functionally Significant Deiodinase Single Nucleotide Polymorphisms on Drinking Behavior in Alcohol Dependence: An Exploratory Investigation. Alcoholism: Clinical and Experimental Research, 2015, 39, 1665-1670.	2.4	5
43	A Genome-Wide Copy Number Variant Study of Suicidal Behavior. PLoS ONE, 2015, 10, e0128369.	2.5	16
44	The glucagon-like peptide-1 receptor as a potential treatment target in alcohol use disorder: evidence from human genetic association studies and a mouse model of alcohol dependence. Translational Psychiatry, 2015, 5, e583-e583.	4.8	79
45	Cortisol Stress Response in Men and Women Modulated Differentially by the Mu-Opioid Receptor Gene Polymorphism OPRM1 A118G. Neuropsychopharmacology, 2015, 40, 2546-2554.	5.4	45
46	The contribution of rare and common variants in 30 genes to risk nicotine dependence. Molecular Psychiatry, 2015, 20, 1467-1478.	7.9	64
47	Differential Impact of Serotonin Transporter Activity on Temperament and Behavior in Persons with a Family History of Alcoholism in the Oklahoma Family Health Patterns Project. Alcoholism: Clinical and Experimental Research, 2014, 38, 1575-1581.	2.4	19
48	FAAH selectively influences placebo effects. Molecular Psychiatry, 2014, 19, 385-391.	7.9	77
49	Valence-Specific Effects ofBDNFVal⁶⁶Met Polymorphism on Dopaminergic Stress and Reward Processing in Humans. Journal of Neuroscience, 2014, 34, 5874-5881.	3.6	54
50	FKBP5 Moderates Alcohol Withdrawal Severity: Human Genetic Association and Functional Validation in Knockout Mice. Neuropsychopharmacology, 2014, 39, 2029-2038.	5.4	54
51	Aggression, DRD1 polymorphism, and lesion location in penetrating traumatic brain injury. CNS Spectrums, 2014, 19, 382-390.	1.2	15
52	Effects of citalopram and escitalopram on fMRI response to affective stimuli in healthy volunteers selected by serotonin transporter genotype. Psychiatry Research - Neuroimaging, 2013, 213, 217-224.	1.8	7
53	Independent effects of 5â€² and 3â€² functional variants in the serotonin transporter gene on suicidal behavior in the context of childhood trauma. Journal of Psychiatric Research, 2013, 47, 900-907.	3.1	17
54	Prefrontal white matter impairment in substance users depends upon the catechol-o-methyl transferase (COMT) val158met polymorphism. NeuroImage, 2013, 69, 62-69.	4.2	23

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55	DRD2 polymorphisms modulate reward and emotion processing, dopamine neurotransmission and openness to experience. Cortex, 2013, 49, 877-890.	2.4	106
56	DRD2/ANKK1 Taq1A polymorphism (rs1800497) has opposing effects on D2/3 receptor binding in healthy controls and patients with major depressive disorder. International Journal of Neuropsychopharmacology, 2013, 16, 2095-2101.	2.1	51
57	Associations between prefrontal Î³-aminobutyric acid concentration and the tryptophan hydroxylase isoform 2 gene, a panic disorder risk allele in women. International Journal of Neuropsychopharmacology, 2013, 16, 1707-1717.	2.1	12
58	Loss of metabotropic glutamate receptor 2 escalates alcohol consumption. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16963-16968.	7.1	105
59	A large-scale candidate gene analysis of mood disorders. Psychiatric Genetics, 2013, 23, 47-55.	1.1	17
60	A preliminary study suggests that nicotine and prefrontal dopamine affect corticoâ€striatal areas in smokers with performance feedback. Genes, Brain and Behavior, 2013, 12, 554-563.	2.2	7
61	A variant on the kappa opioid receptor gene (OPRK1) is associated with stress response and related drug craving, limbic brain activation and cocaine relapse risk. Translational Psychiatry, 2013, 3, e292-e292.	4.8	49
62	Genome-wide association study implicates NDST3 in schizophrenia and bipolar disorder. Nature Communications, 2013, 4, 2739.	12.8	101
63	Age-modulated association between prefrontal NAA and the BDNF gene. International Journal of Neuropsychopharmacology, 2013, 16, 1185-1193.	2.1	5
64	The Functional DRD3 Ser9Gly Polymorphism (rs6280) Is Pleiotropic, Affecting Reward as Well as Movement. PLoS ONE, 2013, 8, e54108.	2.5	60
65	Interaction between tryptophan hydroxylase I polymorphisms and childhood abuse is associated with increased risk for borderline personality disorder in adulthood. Psychiatric Genetics, 2012, 22, 15-24.	1.1	31
66	Serotonin transporter genotype differentially modulates neural responses to emotional words following tryptophan depletion in patients recovered from depression and healthy volunteers. Journal of Psychopharmacology, 2012, 26, 1434-1442.	4.0	15
67	Fatty-acid amide hydrolase polymorphisms and post-traumatic stress disorder after penetrating brain injury. Translational Psychiatry, 2012, 2, e75-e75.	4.8	29
68	Variation in the Corticotropin-Releasing Hormone Receptor 1 (CRHR1) Gene Influences fMRI Signal Responses during Emotional Stimulus Processing. Journal of Neuroscience, 2012, 32, 3253-3260.	3.6	55
69	Leptin Regulates Dopamine Responses to Sustained Stress in Humans. Journal of Neuroscience, 2012, 32, 15369-15376.	3.6	48
70	BDNF Polymorphismâ€"Dependent OFC and DLPFC Plasticity Differentially Moderates Implicit and Explicit Bias. Cerebral Cortex, 2012, 22, 2602-2609.	2.9	19
71	Oxytocin Gene Polymorphisms Influence Human Dopaminergic Function in a Sex-Dependent Manner. Biological Psychiatry, 2012, 72, 198-206.	1.3	87
72	Striatal Dopamine Release and Genetic Variation of the Serotonin 2C Receptor in Humans. Journal of Neuroscience, 2012, 32, 9344-9350.	3.6	41

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73	Two HPA axis genes, CRHBP and FKBP5, interact with childhood trauma to increase the risk for suicidal behavior. Journal of Psychiatric Research, 2012, 46, 72-79.	3.1	149
74	BDNF Polymorphism Predicts General Intelligence after Penetrating Traumatic Brain Injury. PLoS ONE, 2011, 6, e27389.	2.5	75
75	Functional Polymorphism of the Mu-Opioid Receptor Gene (OPRM1) Influences Reinforcement Learning in Humans. PLoS ONE, 2011, 6, e24203.	2.5	21
76	Emotion Processing, Major Depression, and Functional Genetic Variation of Neuropeptide Y. Archives of General Psychiatry, 2011, 68, 158.	12.3	100
77	Haplotype-Based Study of the Association of Alcohol-Metabolizing Genes With Alcohol Dependence in Four Independent Populations. Alcoholism: Clinical and Experimental Research, 2011, 35, 304-316.	2.4	47
78	OPRM1 gene variants modulate amphetamine-induced euphoria in humans. Genes, Brain and Behavior, 2011, 10, 199-209.	2.2	44
79	ACHRNA5allele related to nicotine addiction and schizophrenia. Genes, Brain and Behavior, 2011, 10, 530-535.	2.2	56
80	Functional genetic variants that increase synaptic serotonin and 5-HT3 receptor sensitivity predict alcohol and drug dependence. Molecular Psychiatry, 2011, 16, 1139-1146.	7.9	90
81	The Role of the Met66 Brain-Derived Neurotrophic Factor Allele in the Recovery of Executive Functioning after Combat-Related Traumatic Brain Injury. Journal of Neuroscience, 2011, 31, 598-606.	3.6	123
82	Tryptophan-hydroxylase 2 haplotype association with borderline personality disorder and aggression in a sample of patients with personality disorders and healthy controls. Journal of Psychiatric Research, 2010, 44, 1075-1081.	3.1	61
83	A population-specific HTR2B stop codon predisposes to severe impulsivity. Nature, 2010, 468, 1061-1066.	27.8	272
84	A genetically modulated, intrinsic cingulate circuit supports human nicotine addiction. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13509-13514.	7.1	154
85	Genome-wide association identifies candidate genes that influence the human electroencephalogram. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8695-8700.	7.1	69
86	More Aroused, Less Fatigued: Fatty Acid Amide Hydrolase Gene Polymorphisms Influence Acute Response to Amphetamine. Neuropsychopharmacology, 2010, 35, 613-622.	5.4	29
87	The Influence of GABRA2, Childhood Trauma, and Their Interaction on Alcohol, Heroin, and Cocaine Dependence. Biological Psychiatry, 2010, 67, 20-27.	1.3	134
88	Variations in the serotonin-transporter gene are associated with attention bias patterns to positive and negative emotion faces. Biological Psychology, 2010, 83, 269-271.	2.2	150
89	BDNF gene polymorphism (Val66Met) predicts amygdala and anterior hippocampus responses to emotional faces in anxious and depressed adolescents. NeuroImage, 2010, 53, 952-961.	4.2	103
90	Association of Substance Use Disorders With Childhood Trauma but not African Genetic Heritage in an African American Cohort. American Journal of Psychiatry, 2009, 166, 1031-1040.	7.2	63

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91	GABRG1 and GABRA2 as Independent Predictors for Alcoholism in Two Populations. Neuropsychopharmacology, 2009, 34, 1245-1254.	5.4	82
92	Genetical genomic determinants of alcohol consumption in rats and humans. BMC Biology, 2009, 7, 70.	3.8	148
93	Zhou et al. reply. Nature, 2009, 458, E7-E7.	27.8	1
94	HTR3B is associated with alcoholism with antisocial behavior and alpha EEG powerâ€"an intermediate phenotype for alcoholism and co-morbid behaviors. Alcohol, 2009, 43, 73-84.	1.7	57
95	Associations of glutamate decarboxylase genes with initial sensitivity and age-at-onset of alcohol dependence in the Irish Affected Sib Pair Study of Alcohol Dependence. Drug and Alcohol Dependence, 2009, 101, 80-87.	3.2	29
96	Amygdala Function and 5-HTT Gene Variants in Adolescent Anxiety and Major Depressive Disorder. Biological Psychiatry, 2009, 65, 349-355.	1.3	105
97	Association of the 5â€²-upstream regulatory region of the Î±7 nicotinic acetylcholine receptor subunit gene (CHRNA7) with schizophrenia. Schizophrenia Research, 2009, 109, 102-112.	2.0	93
98	Genetic variation in human NPY expression affects stress response and emotion. Nature, 2008, 452, 997-1001.	27.8	387
99	Interaction between a functional MAOA locus and childhood sexual abuse predicts alcoholism and antisocial personality disorder in adult women. Molecular Psychiatry, 2008, 13, 334-347.	7.9	209
100	Association of ADH and ALDH Genes With Alcohol Dependence in the Irish Affected Sib Pair Study of Alcohol Dependence (IASPSAD) Sample. Alcoholism: Clinical and Experimental Research, 2008, 32, 785-795.	2.4	72
101	Naltrexone Alone and With Sertraline for the Treatment of Alcohol Dependence in Alaska Natives and Nonâ€Natives Residing in Rural Settings: A Randomized Controlled Trial. Alcoholism: Clinical and Experimental Research, 2008, 32, 1271-1283.	2.4	86
102	DISC1 is associated with prefrontal cortical gray matter and positive symptoms in schizophrenia. Biological Psychology, 2008, 79, 103-110.	2.2	88
103	Monoamine Oxidase A Genotype Predicts Human Serotonin 1A Receptor Availability In Vivo. Journal of Neuroscience, 2008, 28, 11354-11359.	3.6	48
104	Addictions Biology: Haplotype-Based Analysis for 130 Candidate Genes on a Single Array. Alcohol and Alcoholism, 2008, 43, 505-515.	1.6	222
105	Elucidating the relationship between DISC1, NDEL1 and NDE1 and the risk for schizophrenia: Evidence of epistasis and competitive binding. Human Molecular Genetics, 2008, 17, 2462-2473.	2.9	101
106	Common Genetic Origins for EEG, Alcoholism and Anxiety: The Role of CRH-BP. PLoS ONE, 2008, 3, e3620.	2.5	90
107	The FEZ1 Gene Shows No Association to Schizophrenia in Caucasian or African American Populations. Neuropsychopharmacology, 2007, 32, 190-196.	5.4	20
108	Do Motor Control Genes Contribute to Interindividual Variability in Decreased Movement in Patients with Pain?. Molecular Pain, 2007, 3, 1744-8069-3-20.	2.1	19

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109	Disrupted in Schizophrenia 1 Genotype and Positive Symptoms in Schizophrenia. Biological Psychiatry, 2007, 61, 1208-1210.	1.3	73
110	Using ancestry-informative markers to define populations and detect population stratification. Journal of Psychopharmacology, 2006, 20, 19-26.	4.0	115
111	DISC1 and neurocognitive function in schizophrenia. NeuroReport, 2005, 16, 1399-1402.	1.2	105
112	Disrupted in Schizophrenia 1 (DISC1): Association with Schizophrenia, Schizoaffective Disorder, and Bipolar Disorder. American Journal of Human Genetics, 2004, 75, 862-872.	6.2	397
113	Genomic, Transcriptional and Mutational Analysis of the Mouse microphthalmia Locus. Genetics, 2000, 155, 291-300.	2.9	99
114	Mutations in microphthalmia, the mouse homolog of the human deafness gene MITF, affect neuroepithelial and neural crest-derived melanocytes differently. Mechanisms of Development, 1998, 70, 155-166.	1.7	205
115	Cloning of MITF, the human homolog of the mouse microphthalmia gene and assignment to chromosome 3p14. 1-p12.3. Human Molecular Genetics, 1994, 3, 553-557.	2.9	181
116	Molecular basis of mouse microphthalmia (mi) mutations helps explain their developmental and phenotypic consequences. Nature Genetics, 1994, 8, 256-263.	21.4	505
117	Mutations at the mouse microphthalmia locus are associated with defects in a gene encoding a novel basic-helix-loop-helix-zipper protein. Cell, 1993, 74, 395-404.	28.9	1,057
118	Cochlear disorder associated with melanocyte anomaly in mice with a transgenic insertional mutation. Molecular and Cellular Neurosciences, 1992, 3, 433-445.	2.2	87