

Toni-Kim Clarke

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

16,940
citations

47006

47
h-index

22166

113
g-index

161
all docs

161
docs citations

161
times ranked

17112
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018, 50, 668-681.	21.4	2,224
2	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. <i>Nature Neuroscience</i> , 2019, 22, 343-352.	14.8	1,589
3	Identification of common genetic risk variants for autism spectrum disorder. <i>Nature Genetics</i> , 2019, 51, 431-444.	21.4	1,538
4	Genome-wide association study identifies 30 loci associated with bipolar disorder. <i>Nature Genetics</i> , 2019, 51, 793-803.	21.4	1,191
5	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	28.9	935
6	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. <i>Nature Genetics</i> , 2021, 53, 817-829.	21.4	629
7	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16.	28.9	623
8	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. <i>Nature Neuroscience</i> , 2018, 21, 1656-1669.	14.8	490
9	Genome-wide association study of depression phenotypes in UK Biobank identifies variants in excitatory synaptic pathways. <i>Nature Communications</i> , 2018, 9, 1470.	12.8	415
10	Genome-wide association study of alcohol consumption and genetic overlap with other health-related traits in UK Biobank (N=112,117). <i>Molecular Psychiatry</i> , 2017, 22, 1376-1384.	7.9	351
11	Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. <i>Nature Genetics</i> , 2018, 50, 6-11.	21.4	327
12	Genome-Wide Association Study Meta-Analysis of the Alcohol Use Disorders Identification Test (AUDIT) in Two Population-Based Cohorts. <i>American Journal of Psychiatry</i> , 2019, 176, 107-118.	7.2	326
13	Genome-wide association and genetic functional studies identify <i>AUTS2</i> gene (<i>AUTS2</i>) in the regulation of alcohol consumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7119-7124.	7.1	258
14	Genome-wide meta-analysis of problematic alcohol use in 435,563 individuals yields insights into biology and relationships with other traits. <i>Nature Neuroscience</i> , 2020, 23, 809-818.	14.8	242
15	The Brain's Response to Reward Anticipation and Depression in Adolescence: Dimensionality, Specificity, and Longitudinal Predictions in a Community-Based Sample. <i>American Journal of Psychiatry</i> , 2015, 172, 1215-1223.	7.2	237
16	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.	21.4	218
17	<i>KLB</i> is associated with alcohol drinking, and its gene product β -Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14372-14377.	7.1	208
18	Minimal phenotyping yields genome-wide association signals of low specificity for major depression. <i>Nature Genetics</i> , 2020, 52, 437-447.	21.4	207

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19	A large-scale genome-wide association study meta-analysis of cannabis use disorder. <i>Lancet Psychiatry</i> , 2020, 7, 1032-1045.	7.4	200
20	Genetic Association of Major Depression With Atypical Features and Obesity-Related Immunometabolic Dysregulations. <i>JAMA Psychiatry</i> , 2017, 74, 1214.	11.0	174
21	Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. <i>Translational Psychiatry</i> , 2017, 7, e1155-e1155.	4.8	150
22	Common polygenic risk for autism spectrum disorder (ASD) is associated with cognitive ability in the general population. <i>Molecular Psychiatry</i> , 2016, 21, 419-425.	7.9	145
23	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. <i>Biological Psychiatry</i> , 2020, 88, 169-184.	1.3	137
24	Improving genetic prediction by leveraging genetic correlations among human diseases and traits. <i>Nature Communications</i> , 2018, 9, 989.	12.8	136
25	Systematic Analysis of Glutamatergic Neurotransmission Genes in Alcohol Dependence and Adolescent Risky Drinking Behavior. <i>Archives of General Psychiatry</i> , 2008, 65, 826.	12.3	116
26	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. <i>Molecular Psychiatry</i> , 2020, 25, 1430-1446.	7.9	116
27	Effects of the Circadian Rhythm Gene <i>Period 1</i> (<i>Per1</i>) on Psychosocial Stress-Induced Alcohol Drinking. <i>American Journal of Psychiatry</i> , 2011, 168, 1090-1098.	7.2	113
28	The evolution of the vertebrate metzincins; insights from <i>Ciona intestinalis</i> and <i>Danio rerio</i> . <i>BMC Evolutionary Biology</i> , 2007, 7, 63.	3.2	97
29	Integrated analysis of environmental and genetic influences on cord blood DNA methylation in new-borns. <i>Nature Communications</i> , 2019, 10, 2548.	12.8	94
30	Evaluating the relationship between alcohol consumption, tobacco use, and cardiovascular disease: A multivariable Mendelian randomization study. <i>PLoS Medicine</i> , 2020, 17, e1003410.	8.4	92
31	The Genetic Architecture of Depression in Individuals of East Asian Ancestry. <i>JAMA Psychiatry</i> , 2021, 78, 1258.	11.0	88
32	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2018, 84, 138-147.	1.3	87
33	Genome-wide by environment interaction studies of depressive symptoms and psychosocial stress in UK Biobank and Generation Scotland. <i>Translational Psychiatry</i> , 2019, 9, 14.	4.8	87
34	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. <i>Biological Psychiatry</i> , 2017, 82, 322-329.	1.3	84
35	A meta-analysis of genome-wide association studies of epigenetic age acceleration. <i>PLoS Genetics</i> , 2019, 15, e1008104.	3.5	83
36	A phenome-wide association and Mendelian Randomisation study of polygenic risk for depression in UK Biobank. <i>Nature Communications</i> , 2020, 11, 2301.	12.8	81

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37	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019, 3, 950-961.	12.0	75
38	REVIEW: HPA-axis activity in alcoholism: examples for a gene-environment interaction. <i>Addiction Biology</i> , 2008, 13, 1-14.	2.6	74
39	An Intronic Variant in OPRD1 Predicts Treatment Outcome for Opioid Dependence in African-Americans. <i>Neuropsychopharmacology</i> , 2013, 38, 2003-2010.	5.4	74
40	Evidence of causal effect of major depression on alcohol dependence: findings from the psychiatric genomics consortium. <i>Psychological Medicine</i> , 2019, 49, 1218-1226.	4.5	74
41	The genetics of alcoholism. <i>Current Psychiatry Reports</i> , 2009, 11, 364-369.	4.5	72
42	Recent Efforts to Dissect the Genetic Basis of Alcohol Use and Abuse. <i>Biological Psychiatry</i> , 2020, 87, 609-618.	1.3	68
43	Epigenetic signatures of starting and stopping smoking. <i>EBioMedicine</i> , 2018, 37, 214-220.	6.1	67
44	Factors associated with sharing e-mail information and mental health survey participation in large population cohorts. <i>International Journal of Epidemiology</i> , 2020, 49, 410-421.	1.9	67
45	The Dopamine Receptor D2 (<i>DRD2</i>) SNP rs1076560 is Associated with Opioid Addiction. <i>Annals of Human Genetics</i> , 2014, 78, 33-39.	0.8	66
46	Cohort Profile: Stratifying Resilience and Depression Longitudinally (STRADL): a questionnaire follow-up of Generation Scotland: Scottish Family Health Study (GS:SFHS). <i>International Journal of Epidemiology</i> , 2018, 47, 13-14g.	1.9	66
47	Genome-wide meta-analyses of stratified depression in Generation Scotland and UK Biobank. <i>Translational Psychiatry</i> , 2018, 8, 9.	4.8	66
48	Genetic effects influencing risk for major depressive disorder in China and Europe. <i>Translational Psychiatry</i> , 2017, 7, e1074-e1074.	4.8	64
49	Impact of Polygenic Risk for Schizophrenia on Cortical Structure in UK Biobank. <i>Biological Psychiatry</i> , 2019, 86, 536-544.	1.3	62
50	Item-Level Genome-Wide Association Study of the Alcohol Use Disorders Identification Test in Three Population-Based Cohorts. <i>American Journal of Psychiatry</i> , 2022, 179, 58-70.	7.2	61
51	Genetic and Environmental Risk for Chronic Pain and the Contribution of Risk Variants for Major Depressive Disorder: A Family-Based Mixed-Model Analysis. <i>PLoS Medicine</i> , 2016, 13, e1002090.	8.4	60
52	Educational attainment impacts drinking behaviors and risk for alcohol dependence: results from a two-sample Mendelian randomization study with ~780,000 participants. <i>Molecular Psychiatry</i> , 2021, 26, 1119-1132.	7.9	58
53	Case-control association analysis of polymorphisms in the delta-opioid receptor, OPRD1, with cocaine and opioid addicted populations. <i>Drug and Alcohol Dependence</i> , 2013, 127, 122-128.	3.2	50
54	Hair Cortisol in Twins: Heritability and Genetic Overlap with Psychological Variables and Stress-System Genes. <i>Scientific Reports</i> , 2017, 7, 15351.	3.3	50

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55	GENETIC STUDY: An association of prodynorphin polymorphisms and opioid dependence in females in a Chinese population. <i>Addiction Biology</i> , 2009, 14, 366-370.	2.6	46
56	Resilience and corpus callosum microstructure in adolescence. <i>Psychological Medicine</i> , 2015, 45, 2285-2294.	4.5	45
57	Do regional brain volumes and major depressive disorder share genetic architecture? A study of Generation Scotland (n=19,762), UK Biobank (n=24,048) and the English Longitudinal Study of Ageing (n=5766). <i>Translational Psychiatry</i> , 2017, 7, e1205-e1205.	4.8	45
58	Genome-wide association study of antidepressant treatment resistance in a population-based cohort using health service prescription data and meta-analysis with GENDEP. <i>Pharmacogenomics Journal</i> , 2020, 20, 329-341.	2.0	45
59	Genetic variation in OPRD1 and the response to treatment for opioid dependence with buprenorphine in European-American females. <i>Pharmacogenomics Journal</i> , 2014, 14, 303-308.	2.0	44
60	Epigenetic prediction of major depressive disorder. <i>Molecular Psychiatry</i> , 2021, 26, 5112-5123.	7.9	44
61	Genetic association analyses of PDYN polymorphisms with heroin and cocaine addiction. <i>Genes, Brain and Behavior</i> , 2012, 11, 415-423.	2.2	41
62	Life after recovery: Increased resolution of forest resilience assessment sheds new light on post-drought compensatory growth and recovery dynamics. <i>Journal of Ecology</i> , 2021, 109, 3157-3170.	4.0	41
63	Risk and protective factors for structural brain ageing in the eighth decade of life. <i>Brain Structure and Function</i> , 2017, 222, 3477-3490.	2.3	40
64	A validation of the diathesis-stress model for depression in Generation Scotland. <i>Translational Psychiatry</i> , 2019, 9, 25.	4.8	40
65	KCNJ6 is Associated with Adult Alcohol Dependence and Involved in Gene × Early Life Stress Interactions in Adolescent Alcohol Drinking. <i>Neuropsychopharmacology</i> , 2011, 36, 1142-1148.	5.4	38
66	The Genetics of Anorexia Nervosa. <i>Clinical Pharmacology and Therapeutics</i> , 2012, 91, 181-188.	4.7	38
67	Further evidence for association of polymorphisms in the <i>CNR1</i> gene with cocaine addiction: confirmation in an independent sample and meta-analysis. <i>Addiction Biology</i> , 2013, 18, 702-708.	2.6	38
68	Assessing the presence of shared genetic architecture between Alzheimer's disease and major depressive disorder using genome-wide association data. <i>Translational Psychiatry</i> , 2017, 7, e1094-e1094.	4.8	38
69	Low frequency genetic variants in the μ -opioid receptor (<i>OPRM1</i>) affect risk for addiction to heroin and cocaine. <i>Neuroscience Letters</i> , 2013, 542, 71-75.	2.1	33
70	$\hat{\pm}$ CaMKII controls the establishment of cocaine's reinforcing effects in mice and humans. <i>Translational Psychiatry</i> , 2014, 4, e457-e457.	4.8	33
71	Shared Genetics and Couple-Associated Environment Are Major Contributors to the Risk of Both Clinical and Self-Declared Depression. <i>EBioMedicine</i> , 2016, 14, 161-167.	6.1	32
72	A Combined Pathway and Regional Heritability Analysis Indicates <i>NETRIN1</i> Pathway Is Associated With Major Depressive Disorder. <i>Biological Psychiatry</i> , 2017, 81, 336-346.	1.3	32

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73	Epigenome-wide association study and multi-tissue replication of individuals with alcohol use disorder: evidence for abnormal glucocorticoid signaling pathway gene regulation. <i>Molecular Psychiatry</i> , 2021, 26, 2224-2237.	7.9	32
74	DRD2/ANKK1 Polymorphism Modulates the Effect of Ventral Striatal Activation on Working Memory Performance. <i>Neuropsychopharmacology</i> , 2014, 39, 2357-2365.	5.4	31
75	Identifying the Common Genetic Basis of Antidepressant Response. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 115-126.	2.2	31
76	Gene-environment interactions resulting in risk alcohol drinking behaviour are mediated by CRF and CRF1. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 93, 230-236.	2.9	28
77	Shared genetic risk between eating disorder and substance-related phenotypes: Evidence from genome-wide association studies. <i>Addiction Biology</i> , 2021, 26, e12880.	2.6	28
78	Polygenic risk for alcohol dependence associates with alcohol consumption, cognitive function and social deprivation in a population-based cohort. <i>Addiction Biology</i> , 2016, 21, 469-480.	2.6	27
79	Investigating shared aetiology between type 2 diabetes and major depressive disorder in a population based cohort. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 227-234.	1.7	27
80	Genetic stratification of depression by neuroticism: revisiting a diagnostic tradition. <i>Psychological Medicine</i> , 2020, 50, 2526-2535.	4.5	27
81	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , 2020, 87, 419-430.	1.3	27
82	Multiple polymorphisms in genes of the adrenergic stress system confer vulnerability to alcohol abuse. <i>Addiction Biology</i> , 2012, 17, 202-208.	2.6	26
83	Genome-wide Regional Heritability Mapping Identifies a Locus Within the TOX2 Gene Associated With Major Depressive Disorder. <i>Biological Psychiatry</i> , 2017, 82, 312-321.	1.3	26
84	Dissection of major depressive disorder using polygenic risk scores for schizophrenia in two independent cohorts. <i>Translational Psychiatry</i> , 2016, 6, e938-e938.	4.8	25
85	Major depressive disorder and current psychological distress moderate the effect of polygenic risk for obesity on body mass index. <i>Translational Psychiatry</i> , 2015, 5, e592-e592.	4.8	24
86	Pharmacogenetics of Opioid Use Disorder Treatment. <i>CNS Drugs</i> , 2018, 32, 305-320.	5.9	24
87	Genome-wide haplotype-based association analysis of major depressive disorder in Generation Scotland and UK Biobank. <i>Translational Psychiatry</i> , 2017, 7, 1263.	4.8	23
88	Neuronal calcium sensor-1 and cocaine addiction: A genetic association study in African-Americans and European Americans. <i>Neuroscience Letters</i> , 2012, 531, 46-51.	2.1	19
89	Polygenic risk for schizophrenia, transition and cortical gyrification: a high-risk study. <i>Psychological Medicine</i> , 2018, 48, 1532-1539.	4.5	19
90	Genetic stratification of depression in UK Biobank. <i>Translational Psychiatry</i> , 2020, 10, 163.	4.8	19

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91	Genetic and environmental determinants of stressful life events and their overlap with depression and neuroticism. Wellcome Open Research, 2018, 3, 11.	1.8	19
92	Associations between alcohol use and accelerated biological ageing. Addiction Biology, 2022, 27, e13100.	2.6	19
93	Global Genetic Variations Predict Brain Response to Faces. PLoS Genetics, 2014, 10, e1004523.	3.5	18
94	Polygenic contributions to alcohol use and alcohol use disorders across population-based and clinically ascertained samples. Psychological Medicine, 2021, 51, 1147-1156.	4.5	18
95	Epigenome-wide association study of alcohol consumption in 8161 individuals and relevance to alcohol use disorder pathophysiology: identification of the cystine/glutamate transporter SLC7A11 as a top target. Molecular Psychiatry, 2022, 27, 1754-1764.	7.9	18
96	Polygenic risk for coronary artery disease is associated with cognitive ability in older adults. International Journal of Epidemiology, 2016, 45, 433-440.	1.9	16
97	Addendum: Genome-wide association study of depression phenotypes in UK Biobank identifies variants in excitatory synaptic pathways. Nature Communications, 2018, 9, 3578.	12.8	16
98	Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 91-100.	1.5	16
99	Genetic and environmental contributions to psychological resilience and coping. Wellcome Open Research, 2018, 3, 12.	1.8	15
100	Genetic and environmental determinants of stressful life events and their overlap with depression and neuroticism. Wellcome Open Research, 2018, 3, 11.	1.8	15
101	Genome-wide interaction study of a proxy for stress-sensitivity and its prediction of major depressive disorder. PLoS ONE, 2018, 13, e0209160.	2.5	14
102	Stratifying major depressive disorder by polygenic risk for schizophrenia in relation to structural brain measures. Psychological Medicine, 2020, 50, 1653-1662.	4.5	13
103	Cognitive functioning and lifetime major depressive disorder in UK Biobank. European Psychiatry, 2020, 63, e28.	0.2	13
104	Pharmaco-epidemiology of antidepressant exposure in a UK cohort record-linkage study. Journal of Psychopharmacology, 2019, 33, 482-493.	4.0	11
105	Insulin resistance: Genetic associations with depression and cognition in population based cohorts. Experimental Neurology, 2019, 316, 20-26.	4.1	10
106	Genetic and shared couple environmental contributions to smoking and alcohol use in the UK population. Molecular Psychiatry, 2021, 26, 4344-4354.	7.9	10
107	Personality, Attentional Biases towards Emotional Faces and Symptoms of Mental Disorders in an Adolescent Sample. PLoS ONE, 2015, 10, e0128271.	2.5	10
108	CRISPR disruption and UK Biobank analysis of a highly conserved polymorphic enhancer suggests a role in male anxiety and ethanol intake. Molecular Psychiatry, 2021, 26, 2263-2276.	7.9	9

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109	Association study of the β -arrestin 2 gene (ARRB2) with opioid and cocaine dependence in a European-American population. <i>Psychiatric Genetics</i> , 2012, 22, 141-145.	1.1	8
110	Characterization of genetic variation in the VGLL4 gene in anorexia nervosa. <i>Psychiatric Genetics</i> , 2014, 24, 183-184.	1.1	8
111	Expression quantitative trait loci-derived scores and white matter microstructure in UK Biobank: a novel approach to integrating genetics and neuroimaging. <i>Translational Psychiatry</i> , 2020, 10, 55.	4.8	8
112	OPRD1 Genetic Variation and Human Disease. <i>Handbook of Experimental Pharmacology</i> , 2016, 247, 131-145.	1.8	7
113	Genetic and environmental determinants of stress responding. , 2012, 34, 484-94.		7
114	Longitudinal trajectories of brain age in young individuals at familial risk of mood disorder from the Scottish Bipolar Family Study. <i>Wellcome Open Research</i> , 0, 4, 206.	1.8	6
115	Historic Urban Tree Canopy Cover of Great Britain. <i>Forests</i> , 2020, 11, 1049.	2.1	4
116	Haplotype-based association analysis of general cognitive ability in Generation Scotland, the English Longitudinal Study of Ageing, and UK Biobank. <i>Wellcome Open Research</i> , 2017, 2, 61.	1.8	4
117	Evidence for natural resistance in <i>Juniperus communis</i> to <i>Phytophthora austrocedri</i> . <i>Journal of Plant Pathology</i> , 2021, 103, 55-59.	1.2	3
118	Longitudinal trajectories of brain age in young individuals at familial risk of mood disorder. <i>Wellcome Open Research</i> , 2019, 4, 206.	1.8	3
119	63 EDUCATIONAL ATTAINMENT CAUSALLY IMPACTS DRINKING BEHAVIORS AND RISK FOR ALCOHOL DEPENDENCE: RESULTS FROM A TWO-SAMPLE MENDELIAN RANDOMIZATION STUDY WITH $\approx 780,000$ PARTICIPANTS. <i>European Neuropsychopharmacology</i> , 2019, 29, S95.	0.7	0
120	SA81ASSOCIATION OF WHOLE-GENOME AND NETRIN1 SIGNALING PATHWAY-DERIVED POLYGENIC RISK SCORES FOR MAJOR DEPRESSIVE DISORDER AND WHITE MATTER MICROSTRUCTURE IN UK BIOBANK. <i>European Neuropsychopharmacology</i> , 2019, 29, S1231-S1232.	0.7	0
121	SA66EPIGENOME-WIDE ASSOCIATION STUDY OF ANTIDEPRESSANT USE. <i>European Neuropsychopharmacology</i> , 2019, 29, S1224.	0.7	0
122	Can epiphytic lichens of remnant Atlantic oakwood trees in a planted ancient woodland site survive early stages of woodland restoration?. <i>Annals of Forest Science</i> , 2021, 78, 1.	2.0	0