Kevin O'Connell

List of Publications by Year
in descending order

57 papers	2,193 citations	361045 20 h-index	288905 40 g-index
81 all docs	81 docs citations	81 times ranked	2740 citing authors

#	Article	IF	Citations
1	Association between complement component 4A expression, cognitive performance and brain imaging measures in UK Biobank. Psychological Medicine, 2022, 52, 3497-3507.	2.7	13
2	Dissecting the shared genetic basis of migraine and mental disorders using novel statistical tools. Brain, 2022, 145, 142-153.	3.7	27
3	Genomeâ€wide analysis reveals genetic overlap between alcohol use behaviours, schizophrenia and bipolar disorder and identifies novel shared risk loci. Addiction, 2022, 117, 600-610.	1.7	16
4	Dose-dependent transcriptional effects of lithium and adverse effect burden in a psychiatric cohort. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 112, 110408.	2.5	6
5	Increased circulating IL-18 levels in severe mental disorders indicate systemic inflammasome activation. Brain, Behavior, and Immunity, 2022, 99, 299-306.	2.0	33
6	Effects of a Novel UGT2B Haplotype and UGT1A4*3 Allele Variants on Glucuronidation of Clozapine In vivo. Current Drug Metabolism, 2022, 23, 66-72.	0.7	1
7	Boosting Schizophrenia Genetics by Utilizing Genetic Overlap With Brain Morphology. Biological Psychiatry, 2022, 92, 291-298.	0.7	20
8	Shared heritability among psychiatric disorders and traits. , 2022, , 341-360.		1
9	Genetics of bipolar disorder. , 2022, , 43-61.		0
10	Shared genetic loci between depression and cardiometabolic traits. PLoS Genetics, 2022, 18, e1010161.	1.5	18
11	Using Polygenic Hazard Scores to Predict Age at Onset of Alzheimerâ€™s Disease in Nordic Populations. Journal of Alzheimer's Disease, 2022, 88, 1533-1544.	1.2	3
12	The shared genetic basis of mood instability and psychiatric disorders: A crossâ€trait genomeâ€wide association analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2022, 189, 207-218.	1.1	10
13	Identification of genetic overlap and novel risk loci for attention-deficit/hyperactivity disorder and bipolar disorder. Molecular Psychiatry, 2021, 26, 4055-4065.	4.1	31
14	Genome-wide Association Analysis of Parkinsonâ€™s Disease and Schizophrenia Reveals Shared Genetic Architecture and Identifies Novel Risk Loci. Biological Psychiatry, 2021, 89, 227-235.	0.7	53
15	Genome-wide association study identifies 48 common genetic variants associated with handedness. Nature Human Behaviour, 2021, 5, 59-70.	6.2	79
16	Shared Genetics of Multiple System Atrophy and Inflammatory Bowel Disease. Movement Disorders, 2021, 36, 449-459.	2.2	16
17	Using iPSC Models to Understand the Role of Estrogen in Neuronâ€“Glia Interactions in Schizophrenia and Bipolar Disorder. Cells, 2021, 10, 209.	1.8	7
18	Genetic loci shared between major depression and intelligence with mixed directions of effect. Nature Human Behaviour, 2021, 5, 795-801.	6.2	23

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19	Genetic variants associated with cardiometabolic abnormalities during treatment with selective serotonin reuptake inhibitors: a genome-wide association study. Pharmacogenomics Journal, 2021, 21, 574-585.	0.9	5
20	Genetic contributions to bipolar disorder: current status and future directions. Psychological Medicine, 2021, 51, 2156-2167.	2.7	34
21	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. Nature Genetics, 2021, 53, 817-829.	9.4	629
22	Insight Into Genetic Architecture of Severe Mental Illness Implicate Underlying Brain Structure Abnormalities. Biological Psychiatry, 2021, 89, S24.	0.7	0
23	Population-based bodyâ€“brain mapping links brain morphology with anthropometrics and body composition. Translational Psychiatry, 2021, 11, 295.	2.4	17
24	Genetic Overlap Between Schizophrenia and Brain Morphology. Biological Psychiatry, 2021, 89, S85-S86.	0.7	0
25	Genetic Associations With Bipolar Disorder in Large and Ancestrally Diverse Population Samples. Biological Psychiatry, 2021, 89, S63.	0.7	0
26	Shared genetic architecture between neuroticism, coronary artery disease and cardiovascular risk factors. Translational Psychiatry, 2021, 11, 368.	2.4	10
27	Genetic Overlap Between Alzheimerâ€™s Disease and Depression Mapped Onto the Brain. Frontiers in Neuroscience, 2021, 15, 653130.	1.4	14
28	Characterizing the Genetic Overlap Between Psychiatric Disorders and Sleep-Related Phenotypes. Biological Psychiatry, 2021, 90, 621-631.	0.7	24
29	Extensive bidirectional genetic overlap between bipolar disorder and cardiovascular disease phenotypes. Translational Psychiatry, 2021, 11, 407.	2.4	16
30	Characterisation of age and polarity at onset in bipolar disorder. British Journal of Psychiatry, 2021, 219, 659-669.	1.7	20
31	Characterising the shared genetic determinants of bipolar disorder, schizophrenia and risk-taking. Translational Psychiatry, 2021, 11, 466.	2.4	15
32	Genetic Association Between Schizophrenia and Cortical Brain Surface Area and Thickness. JAMA Psychiatry, 2021, 78, 1020.	6.0	43
33	Polygenic overlap and shared genetic loci between loneliness, severe mental disorders, and cardiovascular disease risk factors suggest shared molecular mechanisms. Translational Psychiatry, 2021, 11, 3.	2.4	29
34	Genome-wide analysis reveals extensive genetic overlap between schizophrenia, bipolar disorder, and intelligence. Molecular Psychiatry, 2020, 25, 844-853.	4.1	156
35	Discovery of shared genomic loci using the conditional false discovery rate approach. Human Genetics, 2020, 139, 85-94.	1.8	109
36	Shared Genetic Loci Between Body Mass Index and Major Psychiatric Disorders. JAMA Psychiatry, 2020, 77, 503.	6.0	82

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37	Identification of Genetic Loci Shared Between Attention-Deficit/Hyperactivity Disorder, Intelligence, and Educational Attainment. Biological Psychiatry, 2020, 87, 1052-1062.	0.7	13
38	The genetic architecture of human brainstem structures and their involvement in common brain disorders. Nature Communications, 2020, 11, 4016.	5.8	26
39	Quantifying the Polygenic Architecture of the Human Cerebral Cortex. Biological Psychiatry, 2020, 87, S131-S132.	0.7	0
40	Quantifying the Polygenic Architecture of the Human Cerebral Cortex: Extensive Genetic Overlap between Cortical Thickness and Surface Area. Cerebral Cortex, 2020, 30, 5597-5603.	1.6	29
41	Phenotype-specific differences in polygenicity and effect size distribution across functional annotation categories revealed by AI-MiXeR. Bioinformatics, 2020, 36, 4749-4756.	1.8	6
42	Identification of a novel polymorphism associated with reduced clozapine concentration in schizophrenia patientsâ€"a genome-wide association study adjusting for smoking habits. Translational Psychiatry, 2020, 10, 198.	2.4	32
43	Variation within voltage-gated calcium channel genes and antipsychotic treatment response in a South African first episode schizophrenia cohort. Pharmacogenomics Journal, 2019, 19, 109-114.	0.9	7
44	M43 INVESTIGATING THE GENETIC OVERLAP BETWEEN PSYCHIATRIC DISORDERS AND SLEEP-RELATED PHENOTYPES. European Neuropsychopharmacology, 2019, 29, S188-S189.	0.3	0
45	VARIATION IN VOLTAGE-GATED CALCIUM CHANNEL GENES IS ASSOCIATED WITH ANTIPSYCHOTIC TREATMENT RESPONSE IN A SOUTH AFRICAN FIRST EPISODE SCHIZOPHRENIA COHORT. European Neuropsychopharmacology, 2019, 29, S1011.	0.3	1
46	Bivariate causal mixture model quantifies polygenic overlap between complex traits beyond genetic correlation. Nature Communications, 2019, 10, 2417.	5.8	190
47	Modification of the association between antipsychotic treatment response and childhood adversity by MMP9 gene variants in a first-episode schizophrenia cohort. Psychiatry Research, 2018, 262, 141-148.	1.7	18
48	The genetic architecture of schizophrenia, bipolar disorder, obsessive-compulsive disorder and autism spectrum disorder. Molecular and Cellular Neurosciences, 2018, 88, 300-307.	1.0	70
49	Pharmacogenetics of Antiretroviral Drug Response and Pharmacokinetic Variations in Indigenous South African Populations. OMICS A Journal of Integrative Biology, 2018, 22, 589-597.	1.0	3
50	Toward a Global Roadmap for Precision Medicine in Psychiatry: Challenges and Opportunities. OMICS A Journal of Integrative Biology, 2016, 20, 557-564.	1.0	21
51	Genetics of Musculoskeletal Exercise-Related Phenotypes. Medicine and Sport Science, 2016, 61, 92-104.	1.4	7
52	A variant within theAQP13Ê¹-untranslated region is associated with running performance, but not weight changes, during an Ironman Triathlon. Journal of Sports Sciences, 2015, 33, 1342-1348.	1.0	14
53	Interactions between collagen gene variants and risk of anterior cruciate ligament rupture. European Journal of Sport Science, 2015, 15, 341-350.	1.4	58
54	Collagen gene interactions and endurance running performance. SA Sports Medicine, 2014, 26, 9-14.	0.1	1

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55	No association betweenCOL3A1,COL6A1orCOL12A1gene variants and range of motion. Journal of Sports Sciences, 2013, 31, 181-187.	1.0	10
56	Collagen Genes and Exercise-Associated Muscle Cramping. Clinical Journal of Sport Medicine, 2013, 23, 64-69.	0.9	20
57	A pathway-based approach investigating the genes encoding interleukin-1Â, interleukin-6 and the interleukin-1 receptor antagonist provides new insight into the genetic susceptibility of Achilles tendinopathy. British Journal of Sports Medicine, 2011, 45, 1040-1047.	3.1	40