

Kevin O'Connell

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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. | 9.4 | 629 |
| 2 | Bivariate causal mixture model quantifies polygenic overlap between complex traits beyond genetic correlation. <i>Nature Communications</i> , 2019, 10, 2417. | 5.8 | 190 |
| 3 | Genome-wide analysis reveals extensive genetic overlap between schizophrenia, bipolar disorder, and intelligence. <i>Molecular Psychiatry</i> , 2020, 25, 844-853. | 4.1 | 156 |
| 4 | Discovery of shared genomic loci using the conditional false discovery rate approach. <i>Human Genetics</i> , 2020, 139, 85-94. | 1.8 | 109 |
| 5 | Shared Genetic Loci Between Body Mass Index and Major Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2020, 77, 503. | 6.0 | 82 |
| 6 | Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021, 5, 59-70. | 6.2 | 79 |
| 7 | The genetic architecture of schizophrenia, bipolar disorder, obsessive-compulsive disorder and autism spectrum disorder. <i>Molecular and Cellular Neurosciences</i> , 2018, 88, 300-307. | 1.0 | 70 |
| 8 | Interactions between collagen gene variants and risk of anterior cruciate ligament rupture. <i>European Journal of Sport Science</i> , 2015, 15, 341-350. | 1.4 | 58 |
| 9 | Genome-wide Association Analysis of Parkinson's Disease and Schizophrenia Reveals Shared Genetic Architecture and Identifies Novel Risk Loci. <i>Biological Psychiatry</i> , 2021, 89, 227-235. | 0.7 | 53 |
| 10 | Genetic Association Between Schizophrenia and Cortical Brain Surface Area and Thickness. <i>JAMA Psychiatry</i> , 2021, 78, 1020. | 6.0 | 43 |
| 11 | A pathway-based approach investigating the genes encoding interleukin-1 β , interleukin-6 and the interleukin-1 receptor antagonist provides new insight into the genetic susceptibility of Achilles tendinopathy. <i>British Journal of Sports Medicine</i> , 2011, 45, 1040-1047. | 3.1 | 40 |
| 12 | Genetic contributions to bipolar disorder: current status and future directions. <i>Psychological Medicine</i> , 2021, 51, 2156-2167. | 2.7 | 34 |
| 13 | Increased circulating IL-18 levels in severe mental disorders indicate systemic inflammasome activation. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 299-306. | 2.0 | 33 |
| 14 | Identification of a novel polymorphism associated with reduced clozapine concentration in schizophrenia patients—a genome-wide association study adjusting for smoking habits. <i>Translational Psychiatry</i> , 2020, 10, 198. | 2.4 | 32 |
| 15 | Identification of genetic overlap and novel risk loci for attention-deficit/hyperactivity disorder and bipolar disorder. <i>Molecular Psychiatry</i> , 2021, 26, 4055-4065. | 4.1 | 31 |
| 16 | Quantifying the Polygenic Architecture of the Human Cerebral Cortex: Extensive Genetic Overlap between Cortical Thickness and Surface Area. <i>Cerebral Cortex</i> , 2020, 30, 5597-5603. | 1.6 | 29 |
| 17 | Polygenic overlap and shared genetic loci between loneliness, severe mental disorders, and cardiovascular disease risk factors suggest shared molecular mechanisms. <i>Translational Psychiatry</i> , 2021, 11, 3. | 2.4 | 29 |
| 18 | Dissecting the shared genetic basis of migraine and mental disorders using novel statistical tools. <i>Brain</i> , 2022, 145, 142-153. | 3.7 | 27 |

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|----|--|-----|-----------|
| 19 | The genetic architecture of human brainstem structures and their involvement in common brain disorders. <i>Nature Communications</i> , 2020, 11, 4016. | 5.8 | 26 |
| 20 | Characterizing the Genetic Overlap Between Psychiatric Disorders and Sleep-Related Phenotypes. <i>Biological Psychiatry</i> , 2021, 90, 621-631. | 0.7 | 24 |
| 21 | Genetic loci shared between major depression and intelligence with mixed directions of effect. <i>Nature Human Behaviour</i> , 2021, 5, 795-801. | 6.2 | 23 |
| 22 | Toward a Global Roadmap for Precision Medicine in Psychiatry: Challenges and Opportunities. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 557-564. | 1.0 | 21 |
| 23 | Collagen Genes and Exercise-Associated Muscle Cramping. <i>Clinical Journal of Sport Medicine</i> , 2013, 23, 64-69. | 0.9 | 20 |
| 24 | Characterisation of age and polarity at onset in bipolar disorder. <i>British Journal of Psychiatry</i> , 2021, 219, 659-669. | 1.7 | 20 |
| 25 | Boosting Schizophrenia Genetics by Utilizing Genetic Overlap With Brain Morphology. <i>Biological Psychiatry</i> , 2022, 92, 291-298. | 0.7 | 20 |
| 26 | Modification of the association between antipsychotic treatment response and childhood adversity by MMP9 gene variants in a first-episode schizophrenia cohort. <i>Psychiatry Research</i> , 2018, 262, 141-148. | 1.7 | 18 |
| 27 | Shared genetic loci between depression and cardiometabolic traits. <i>PLoS Genetics</i> , 2022, 18, e1010161. | 1.5 | 18 |
| 28 | Population-based bodyâ€‘brain mapping links brain morphology with anthropometrics and body composition. <i>Translational Psychiatry</i> , 2021, 11, 295. | 2.4 | 17 |
| 29 | Shared Genetics of Multiple System Atrophy and Inflammatory Bowel Disease. <i>Movement Disorders</i> , 2021, 36, 449-459. | 2.2 | 16 |
| 30 | Extensive bidirectional genetic overlap between bipolar disorder and cardiovascular disease phenotypes. <i>Translational Psychiatry</i> , 2021, 11, 407. | 2.4 | 16 |
| 31 | Genomeâ€‘wide analysis reveals genetic overlap between alcohol use behaviours, schizophrenia and bipolar disorder and identifies novel shared risk loci. <i>Addiction</i> , 2022, 117, 600-610. | 1.7 | 16 |
| 32 | Characterising the shared genetic determinants of bipolar disorder, schizophrenia and risk-taking. <i>Translational Psychiatry</i> , 2021, 11, 466. | 2.4 | 15 |
| 33 | A variant within the <i>AQP1</i> 3' untranslated region is associated with running performance, but not weight changes, during an Ironman Triathlon. <i>Journal of Sports Sciences</i> , 2015, 33, 1342-1348. | 1.0 | 14 |
| 34 | Genetic Overlap Between Alzheimer's Disease and Depression Mapped Onto the Brain. <i>Frontiers in Neuroscience</i> , 2021, 15, 653130. | 1.4 | 14 |
| 35 | Identification of Genetic Loci Shared Between Attention-Deficit/Hyperactivity Disorder, Intelligence, and Educational Attainment. <i>Biological Psychiatry</i> , 2020, 87, 1052-1062. | 0.7 | 13 |
| 36 | Association between complement component 4A expression, cognitive performance and brain imaging measures in UK Biobank. <i>Psychological Medicine</i> , 2022, 52, 3497-3507. | 2.7 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | No association between COL3A1, COL6A1 or COL12A1 gene variants and range of motion. Journal of Sports Sciences, 2013, 31, 181-187. | 1.0 | 10 |
| 38 | Shared genetic architecture between neuroticism, coronary artery disease and cardiovascular risk factors. Translational Psychiatry, 2021, 11, 368. | 2.4 | 10 |
| 39 | The shared genetic basis of mood instability and psychiatric disorders: A cross-trait genome-wide association analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2022, 189, 207-218. | 1.1 | 10 |
| 40 | Genetics of Musculoskeletal Exercise-Related Phenotypes. Medicine and Sport Science, 2016, 61, 92-104. | 1.4 | 7 |
| 41 | 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 |
| 42 | Using iPSC Models to Understand the Role of Estrogen in Neuron-Glia Interactions in Schizophrenia and Bipolar Disorder. Cells, 2021, 10, 209. | 1.8 | 7 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | Using Polygenic Hazard Scores to Predict Age at Onset of Alzheimer's Disease in Nordic Populations. Journal of Alzheimer's Disease, 2022, 88, 1533-1544. | 1.2 | 3 |
| 48 | 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 |
| 49 | Collagen gene interactions and endurance running performance. SA Sports Medicine, 2014, 26, 9-14. | 0.1 | 1 |
| 50 | 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 |
| 51 | Shared heritability among psychiatric disorders and traits. , 2022, , 341-360. | | 1 |
| 52 | M43 INVESTIGATING THE GENETIC OVERLAP BETWEEN PSYCHIATRIC DISORDERS AND SLEEP-RELATED PHENOTYPES. European Neuropsychopharmacology, 2019, 29, S188-S189. | 0.3 | 0 |
| 53 | Quantifying the Polygenic Architecture of the Human Cerebral Cortex. Biological Psychiatry, 2020, 87, S131-S132. | 0.7 | 0 |
| 54 | Insight Into Genetic Architecture of Severe Mental Illness Implicate Underlying Brain Structure Abnormalities. Biological Psychiatry, 2021, 89, S24. | 0.7 | 0 |

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|----|---|-----|-----------|
| 55 | Genetic Overlap Between Schizophrenia and Brain Morphology. <i>Biological Psychiatry</i> , 2021, 89, S85-S86. | 0.7 | 0 |
| 56 | Genetic Associations With Bipolar Disorder in Large and Ancestrally Diverse Population Samples. <i>Biological Psychiatry</i> , 2021, 89, S63. | 0.7 | 0 |
| 57 | Genetics of bipolar disorder. , 2022, , 43-61. | | 0 |