

David C Liewald

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

14,309
citations

53660

45
h-index

110170

64
g-index

73
all docs

73
docs citations

73
times ranked

20852
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals. <i>Nature Genetics</i> , 2022, 54, 437-449. | 9.4 | 215 |
| 2 | The influence of X chromosome variants on trait neuroticism. <i>Molecular Psychiatry</i> , 2021, 26, 483-491. | 4.1 | 17 |
| 3 | Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics. <i>Neuropsychopharmacology</i> , 2021, 46, 1788-1801. | 2.8 | 12 |
| 4 | Genetic contributions to two special factors of neuroticism are associated with affluence, higher intelligence, better health, and longer life. <i>Molecular Psychiatry</i> , 2020, 25, 3034-3052. | 4.1 | 60 |
| 5 | Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2020, 26, 2111-2125. | 4.1 | 17 |
| 6 | Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 2111-2121. | 1.0 | 71 |
| 7 | Multi-method genome- and epigenome-wide studies of inflammatory protein levels in healthy older adults. <i>Genome Medicine</i> , 2020, 12, 60. | 3.6 | 30 |
| 8 | The effect of network thresholding and weighting on structural brain networks in the UK Biobank. <i>NeuroImage</i> , 2020, 211, 116443. | 2.1 | 88 |
| 9 | Pleiotropic Meta-Analysis of Cognition, Education, and Schizophrenia Differentiates Roles of Early Neurodevelopmental and Adult Synaptic Pathways. <i>American Journal of Human Genetics</i> , 2019, 105, 334-350. | 2.6 | 86 |
| 10 | Genome and epigenome wide studies of neurological protein biomarkers in the Lothian Birth Cohort 1936. <i>Nature Communications</i> , 2019, 10, 3160. | 5.8 | 42 |
| 11 | Sex-specific moderation by lifestyle and psychosocial factors on the genetic contributions to adiposity in 112,151 individuals from UK Biobank. <i>Scientific Reports</i> , 2019, 9, 363. | 1.6 | 6 |
| 12 | Associations between vascular risk factors and brain MRI indices in UK Biobank. <i>European Heart Journal</i> , 2019, 40, 2290-2300. | 1.0 | 204 |
| 13 | Increased ultra-rare variant load in an isolated Scottish population impacts exonic and regulatory regions. <i>PLoS Genetics</i> , 2019, 15, e1008480. | 1.5 | 17 |
| 14 | Genome-wide analysis identifies molecular systems and 149 genetic loci associated with income. <i>Nature Communications</i> , 2019, 10, 5741. | 5.8 | 110 |
| 15 | Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636. | 9.4 | 192 |
| 16 | Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. <i>Nature Genetics</i> , 2018, 50, 6-11. | 9.4 | 327 |
| 17 | Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018, 9, 4455. | 5.8 | 181 |
| 18 | Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425. | 9.4 | 924 |

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|----|---|------|-----------|
| 19 | Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098. | 5.8 | 484 |
| 20 | Sex Differences in the Adult Human Brain: Evidence from 5216 UK Biobank Participants. <i>Cerebral Cortex</i> , 2018, 28, 2959-2975. | 1.6 | 594 |
| 21 | Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. <i>Nature Genetics</i> , 2018, 50, 912-919. | 9.4 | 893 |
| 22 | Molecular genetic contributions to self-rated health. <i>International Journal of Epidemiology</i> , 2017, 46, dyw219. | 0.9 | 39 |
| 23 | Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624. | 5.8 | 250 |
| 24 | Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766. | 9.4 | 470 |
| 25 | Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. <i>Hypertension</i> , 2017, 70, . | 1.3 | 123 |
| 26 | Subcortical volume and white matter integrity abnormalities in major depressive disorder: findings from UK Biobank imaging data. <i>Scientific Reports</i> , 2017, 7, 5547. | 1.6 | 91 |
| 27 | Large-Scale Cognitive GWAS Meta-Analysis Reveals Tissue-Specific Neural Expression and Potential Nootropic Drug Targets. <i>Cell Reports</i> , 2017, 21, 2597-2613. | 2.9 | 103 |
| 28 | Genetic prediction of male pattern baldness. <i>PLoS Genetics</i> , 2017, 13, e1006594. | 1.5 | 89 |
| 29 | The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , 2017, 9, 209-246. | 1.4 | 21 |
| 30 | Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. <i>American Journal of Human Genetics</i> , 2016, 99, 8-21. | 2.6 | 60 |
| 31 | Personality Polygenes, Positive Affect, and Life Satisfaction. <i>Twin Research and Human Genetics</i> , 2016, 19, 407-417. | 0.3 | 16 |
| 32 | Ageing and brain white matter structure in 3,513 UK Biobank participants. <i>Nature Communications</i> , 2016, 7, 13629. | 5.8 | 373 |
| 33 | Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016, 48, 624-633. | 9.4 | 870 |
| 34 | Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542. | 18.7 | 1,204 |
| 35 | Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582. | 7.1 | 213 |
| 36 | <sc>GWAS</sc> analysis of handgrip and lower body strength in older adults in the <sc>CHARGE</sc> consortium. <i>Aging Cell</i> , 2016, 15, 792-800. | 3.0 | 51 |

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|----|---|------|-----------|
| 37 | Molecular Genetic Contributions to Social Deprivation and Household Income in UK Biobank. <i>Current Biology</i> , 2016, 26, 3083-3089. | 1.8 | 177 |
| 38 | Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161. | 9.4 | 261 |
| 39 | Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472. | 9.4 | 284 |
| 40 | Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13366-13371. | 3.3 | 110 |
| 41 | Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. <i>American Journal of Human Genetics</i> , 2016, 99, 40-55. | 2.6 | 82 |
| 42 | Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. <i>American Journal of Human Genetics</i> , 2016, 99, 22-39. | 2.6 | 50 |
| 43 | Systems genetics identifies a convergent gene network for cognition and neurodevelopmental disease. <i>Nature Neuroscience</i> , 2016, 19, 223-232. | 7.1 | 131 |
| 44 | Age-Dependent Pleiotropy Between General Cognitive Function and Major Psychiatric Disorders. <i>Biological Psychiatry</i> , 2016, 80, 266-273. | 0.7 | 71 |
| 45 | Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016, 46, 170-182. | 1.4 | 178 |
| 46 | Independent evidence for an association between general cognitive ability and a genetic locus for educational attainment. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 363-373. | 1.1 | 25 |
| 47 | Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 642. | 6.0 | 289 |
| 48 | Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229. | 13.7 | 772 |
| 49 | Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462. | 13.7 | 173 |
| 50 | Improving Phenotypic Prediction by Combining Genetic and Epigenetic Associations. <i>American Journal of Human Genetics</i> , 2015, 97, 75-85. | 2.6 | 116 |
| 51 | Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 398-409. | 5.1 | 162 |
| 52 | Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. <i>Nature Genetics</i> , 2015, 47, 1282-1293. | 9.4 | 294 |
| 53 | Genome-wide Studies of Verbal Declarative Memory in Nondemented Older People: The Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Biological Psychiatry</i> , 2015, 77, 749-763. | 0.7 | 67 |
| 54 | Common genetic variants associated with cognitive performance identified using the proxy-phenotype method. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13790-13794. | 3.3 | 244 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Genetic diversity is a predictor of mortality in humans. BMC Genetics, 2014, 15, 159. | 2.7 | 12 |
| 56 | The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182. | 1.1 | 696 |
| 57 | Molecular genetic contributions to socioeconomic status and intelligence. Intelligence, 2014, 44, 26-32. | 1.6 | 156 |
| 58 | GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. Science, 2013, 340, 1467-1471. | 6.0 | 750 |
| 59 | Complex Variation in Measures of General Intelligence and Cognitive Change. PLoS ONE, 2013, 8, e81189. | 1.1 | 7 |
| 60 | Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561. | 9.4 | 594 |