

Ozren Polasek

List of Publications by Year in descending order

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Version: 2024-02-01

354
papers

50,425
citations

2675

95
h-index

1980

206
g-index

403
all docs

403
docs citations

403
times ranked

54944
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948. | 21.4 | 2,634 |
| 2 | New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116. | 21.4 | 1,982 |
| 3 | Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011, 478, 103-109. | 27.8 | 1,855 |
| 4 | Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838. | 27.8 | 1,789 |
| 5 | Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19A.1 million participants. <i>Lancet</i> , The, 2017, 389, 37-55. | 13.7 | 1,667 |
| 6 | Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542. | 27.8 | 1,204 |
| 7 | Runs of Homozygosity in European Populations. <i>American Journal of Human Genetics</i> , 2008, 83, 359-372. | 6.2 | 958 |
| 8 | Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425. | 21.4 | 924 |
| 9 | Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016, 48, 624-633. | 21.4 | 870 |
| 10 | Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960. | 21.4 | 836 |
| 11 | A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycaemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669. | 21.4 | 762 |
| 12 | GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. <i>Science</i> , 2013, 340, 1467-1471. | 12.6 | 750 |
| 13 | Large-scale association analyses identify new loci influencing glycaemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005. | 21.4 | 746 |
| 14 | New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010, 42, 376-384. | 21.4 | 710 |
| 15 | SLC2A9 is a newly identified urate transporter influencing serum urate concentration, urate excretion and gout. <i>Nature Genetics</i> , 2008, 40, 437-442. | 21.4 | 678 |
| 16 | Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154. | 21.4 | 675 |
| 17 | Meta-analysis and imputation refines the association of 15q25 with smoking quantity. <i>Nature Genetics</i> , 2010, 42, 436-440. | 21.4 | 581 |
| 18 | Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512. | 21.4 | 578 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | A General Approach for Haplotype Phasing across the Full Spectrum of Relatedness. PLoS Genetics, 2014, 10, e1004234. | 3.5 | 553 |
| 20 | International Photographic Classification and Grading System for Myopic Maculopathy. American Journal of Ophthalmology, 2015, 159, 877-883.e7. | 3.3 | 549 |
| 21 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972. | 21.4 | 549 |
| 22 | Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190. | 27.8 | 544 |
| 23 | Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. Nature Genetics, 2019, 51, 245-257. | 21.4 | 536 |
| 24 | Genome-wide association study identifies five loci associated with lung function. Nature Genetics, 2010, 42, 36-44. | 21.4 | 518 |
| 25 | Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. Nature Genetics, 2017, 49, 403-415. | 21.4 | 492 |
| 26 | Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098. | 12.8 | 484 |
| 27 | Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766. | 21.4 | 470 |
| 28 | Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. Nature Genetics, 2010, 42, 1077-1085. | 21.4 | 445 |
| 29 | High Throughput Isolation and Glycosylation Analysis of IgG—Variability and Heritability of the IgG Glycome in Three Isolated Human Populations. Molecular and Cellular Proteomics, 2011, 10, M111.010090. | 3.8 | 443 |
| 30 | Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. Nature Genetics, 2017, 49, 834-841. | 21.4 | 426 |
| 31 | Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. PLoS Genetics, 2012, 8, e1002607. | 3.5 | 419 |
| 32 | Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023. | 12.8 | 412 |
| 33 | Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. Nature Genetics, 2011, 43, 1005-1011. | 21.4 | 403 |
| 34 | Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. Nature Genetics, 2013, 45, 314-318. | 21.4 | 398 |
| 35 | Common Variants at 10 Genomic Loci Influence Hemoglobin A1C Levels via Glycemic and Nonglycemic Pathways. Diabetes, 2010, 59, 3229-3239. | 0.6 | 387 |
| 36 | FTO genotype is associated with phenotypic variability of body mass index. Nature, 2012, 490, 267-272. | 27.8 | 383 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011, 43, 1082-1090. | 21.4 | 367 |
| 38 | Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. <i>Nature Genetics</i> , 2015, 47, 1294-1303. | 21.4 | 357 |
| 39 | The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679. | 27.8 | 353 |
| 40 | New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019, 51, 481-493. | 21.4 | 350 |
| 41 | Novel insights into the genetics of smoking behaviour, lung function, and chronic obstructive pulmonary disease (UK BiLEVE): a genetic association study in UK Biobank. <i>Lancet Respiratory Medicine</i> , 2015, 3, 769-781. | 10.7 | 346 |
| 42 | Genetic contributions to variation in general cognitive function: a meta-analysis of genome-wide association studies in the CHARGE consortium (N=53,949). <i>Molecular Psychiatry</i> , 2015, 20, 183-192. | 7.9 | 344 |
| 43 | Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017, 14, e1002383. | 8.4 | 341 |
| 44 | The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860. | 21.4 | 341 |
| 45 | Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. <i>Diabetes</i> , 2011, 60, 2624-2634. | 0.6 | 335 |
| 46 | The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378. | 3.5 | 331 |
| 47 | Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020, 2, 1135-1148. | 11.9 | 327 |
| 48 | Loci Associated with N-Glycosylation of Human Immunoglobulin G Show Pleiotropy with Autoimmune Diseases and Haematological Cancers. <i>PLoS Genetics</i> , 2013, 9, e1003225. | 3.5 | 323 |
| 49 | Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 719-729. | 11.4 | 319 |
| 50 | Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. <i>Nature Genetics</i> , 2010, 42, 1068-1076. | 21.4 | 308 |
| 51 | Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012, 44, 260-268. | 21.4 | 303 |
| 52 | Glycans Are a Novel Biomarker of Chronological and Biological Ages. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 779-789. | 3.6 | 297 |
| 53 | Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 642. | 11.0 | 289 |
| 54 | Association of Low-Frequency and Rare Coding-Sequence Variants with Blood Lipids and Coronary Heart Disease in 56,000 Whites and Blacks. <i>American Journal of Human Genetics</i> , 2014, 94, 223-232. | 6.2 | 287 |

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|----|---|------|-----------|
| 55 | Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41. | 21.4 | 286 |
| 56 | Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472. | 21.4 | 284 |
| 57 | Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013, 45, 621-631. | 21.4 | 282 |
| 58 | Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014, 46, 826-836. | 21.4 | 281 |
| 59 | Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , 2013, 45, 155-163. | 21.4 | 269 |
| 60 | Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161. | 21.4 | 261 |
| 61 | Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017, 49, 416-425. | 21.4 | 257 |
| 62 | Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474. | 21.4 | 251 |
| 63 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016, 7, 10495. | 12.8 | 245 |
| 64 | Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018, 50, 834-848. | 21.4 | 239 |
| 65 | Genomics Meets Glycomics—The First GWAS Study of Human N-Glycome Identifies HNF1 α as a Master Regulator of Plasma Protein Fucosylation. <i>PLoS Genetics</i> , 2010, 6, e1001256. | 3.5 | 213 |
| 66 | Variability, Heritability and Environmental Determinants of Human Plasma N-Glycome. <i>Journal of Proteome Research</i> , 2009, 8, 694-701. | 3.7 | 212 |
| 67 | CUBN Is a Gene Locus for Albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 555-570. | 6.1 | 208 |
| 68 | Effects of aging, body mass index, plasma lipid profiles, and smoking on human plasma N-glycans. <i>Glycobiology</i> , 2010, 20, 959-969. | 2.5 | 207 |
| 69 | Genetic Determinants of Circulating Sphingolipid Concentrations in European Populations. <i>PLoS Genetics</i> , 2009, 5, e1000672. | 3.5 | 184 |
| 70 | Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397. | 27.8 | 183 |
| 71 | Genome-Wide Association Study Identifies Novel Loci Associated with Circulating Phospho- and Sphingolipid Concentrations. <i>PLoS Genetics</i> , 2012, 8, e1002490. | 3.5 | 181 |
| 72 | Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016, 46, 170-182. | 2.1 | 178 |

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|----|---|------|-----------|
| 73 | Effects of genome-wide heterozygosity on a range of biomedically relevant human quantitative traits. <i>Human Molecular Genetics</i> , 2007, 16, 233-241. | 2.9 | 176 |
| 74 | Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015, 6, 5897. | 12.8 | 173 |
| 75 | Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462. | 27.8 | 173 |
| 76 | Comparative Performance of Four Methods for High-throughput Glycosylation Analysis of Immunoglobulin G in Genetic and Epidemiological Research. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1598-1610. | 3.8 | 169 |
| 77 | Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977. | 12.8 | 169 |
| 78 | Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. <i>Human Molecular Genetics</i> , 2011, 20, 2273-2284. | 2.9 | 168 |
| 79 | Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584. | 3.5 | 166 |
| 80 | Genome-wide physical activity interactions in adiposity – A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528. | 3.5 | 158 |
| 81 | Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017, 8, 80. | 12.8 | 147 |
| 82 | Meta-Analysis of Genome-Wide Association Studies Identifies Six New Loci for Serum Calcium Concentrations. <i>PLoS Genetics</i> , 2013, 9, e1003796. | 3.5 | 142 |
| 83 | Nine Loci for Ocular Axial Length Identified through Genome-wide Association Studies, Including Shared Loci with Refractive Error. <i>American Journal of Human Genetics</i> , 2013, 93, 264-277. | 6.2 | 139 |
| 84 | New loci associated with central cornea thickness include COL5A1, AKAP13 and AVGR8. <i>Human Molecular Genetics</i> , 2010, 19, 4304-4311. | 2.9 | 136 |
| 85 | GWAS for executive function and processing speed suggests involvement of the CADM2 gene. <i>Molecular Psychiatry</i> , 2016, 21, 189-197. | 7.9 | 134 |
| 86 | Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014, 46, 669-677. | 21.4 | 131 |
| 87 | Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , 2016, 65, 803-817. | 0.6 | 131 |
| 88 | Multiethnic Meta-Analysis of Genome-Wide Association Studies in >100 000 Subjects Identifies 23 Fibrinogen-Associated Loci but No Strong Evidence of a Causal Association Between Circulating Fibrinogen and Cardiovascular Disease. <i>Circulation</i> , 2013, 128, 1310-1324. | 1.6 | 128 |
| 89 | 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, . | 2.7 | 123 |
| 90 | A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400. | 6.2 | 123 |

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|-----|--|------|-----------|
| 91 | 52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448. | 2.8 | 113 |
| 92 | Genome-wide association uncovers shared genetic effects among personality traits and mood states. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 684-695. | 1.7 | 112 |
| 93 | Genome-wide meta-analysis of 158,000 individuals of European ancestry identifies three loci associated with chronic back pain. <i>PLoS Genetics</i> , 2018, 14, e1007601. | 3.5 | 112 |
| 94 | Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019, 51, 636-648. | 21.4 | 112 |
| 95 | Gaps in policy-relevant information on burden of disease in children: a systematic review. <i>Lancet</i> , The, 2005, 365, 2031-2040. | 13.7 | 110 |
| 96 | 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. | 7.1 | 110 |
| 97 | Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. <i>Nature Communications</i> , 2015, 6, 8658. | 12.8 | 108 |
| 98 | A Meta-analysis of Gene Expression Signatures of Blood Pressure and Hypertension. <i>PLoS Genetics</i> , 2015, 11, e1005035. | 3.5 | 107 |
| 99 | Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , 2016, 7, 11008. | 12.8 | 104 |
| 100 | Harmonization of Neuroticism and Extraversion phenotypes across inventories and cohorts in the Genetics of Personality Consortium: an application of Item Response Theory. <i>Behavior Genetics</i> , 2014, 44, 295-313. | 2.1 | 103 |
| 101 | Multivariate discovery and replication of five novel loci associated with Immunoglobulin G N-glycosylation. <i>Nature Communications</i> , 2017, 8, 447. | 12.8 | 102 |
| 102 | Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. <i>Circulation</i> , 2019, 139, 620-635. | 1.6 | 102 |
| 103 | 1000 Dalmatians: Croatia Launches Its National Biobank. <i>Croatian Medical Journal</i> , 2009, 50, 4-6. | 0.7 | 99 |
| 104 | Association Between Chromosome 9p21 Variants and the Ankle-Brachial Index Identified by a Meta-Analysis of 21 Genome-Wide Association Studies. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 100-112. | 5.1 | 98 |
| 105 | Mutations in <i>HNF1A</i> Result in Marked Alterations of Plasma Glycan Profile. <i>Diabetes</i> , 2013, 62, 1329-1337. | 0.6 | 97 |
| 106 | Have Lifestyle Habits and Psychological Well-Being Changed among Adolescents and Medical Students Due to COVID-19 Lockdown in Croatia?. <i>Nutrients</i> , 2021, 13, 97. | 4.1 | 97 |
| 107 | Ethical aspects of human biobanks: a systematic review. <i>Croatian Medical Journal</i> , 2011, 52, 262-279. | 0.7 | 95 |
| 108 | Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166. | 2.5 | 94 |

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|-----|--|------|-----------|
| 109 | Impact analysis of a regional scientific journal (1980-2000): supporting promising local researchers pays the greatest dividends. <i>Collegium Antropologicum</i> , 2005, 29, 1-7. | 0.2 | 94 |
| 110 | Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020, 52, 1314-1332. | 21.4 | 91 |
| 111 | Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. <i>Human Molecular Genetics</i> , 2014, 23, 3054-3068. | 2.9 | 90 |
| 112 | Glycosylation of immunoglobulin G is regulated by a large network of genes pleiotropic with inflammatory diseases. <i>Science Advances</i> , 2020, 6, eaax0301. | 10.3 | 90 |
| 113 | Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017, 6, . | 3.7 | 89 |
| 114 | Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019, 51, 452-469. | 21.4 | 89 |
| 115 | Common variants in the JAZF1 gene associated with height identified by linkage and genome-wide association analysis. <i>Human Molecular Genetics</i> , 2009, 18, 373-380. | 2.9 | 88 |
| 116 | The Effect of Intra-articular Injection of Autologous Microfragmented Fat Tissue on Proteoglycan Synthesis in Patients with Knee Osteoarthritis. <i>Genes</i> , 2017, 8, 270. | 2.4 | 87 |
| 117 | Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24. | 12.8 | 87 |
| 118 | Common Variants in UMOD Associate with Urinary Uromodulin Levels. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1869-1882. | 6.1 | 85 |
| 119 | Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054. | 3.4 | 85 |
| 120 | The Association Between Glycosylation of Immunoglobulin G and Hypertension. <i>Medicine (United Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i> | 1.0 | 84 |
| 121 | Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957. | 12.8 | 84 |
| 122 | Novel Approach Identifies SNPs in SLC2A10 and KCNK9 with Evidence for Parent-of-Origin Effect on Body Mass Index. <i>PLoS Genetics</i> , 2014, 10, e1004508. | 3.5 | 80 |
| 123 | Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. <i>Scientific Reports</i> , 2016, 6, 25853. | 3.3 | 80 |
| 124 | Evidence of Inbreeding Depression on Human Height. <i>PLoS Genetics</i> , 2012, 8, e1002655. | 3.5 | 79 |
| 125 | Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021, 5, 59-70. | 12.0 | 79 |
| 126 | Genetic influences on plasma CFH and CFHR1 concentrations and their role in susceptibility to age-related macular degeneration. <i>Human Molecular Genetics</i> , 2013, 22, 4857-4869. | 2.9 | 77 |

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|-----|---|------|-----------|
| 127 | Estimating Human Inbreeding Coefficients: Comparison of Genealogical and Marker Heterozygosity Approaches. <i>Annals of Human Genetics</i> , 2006, 70, 666-676. | 0.8 | 75 |
| 128 | New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019, 3, 950-961. | 12.0 | 75 |
| 129 | Polymorphisms in B3GAT1, SLC9A9 and MGAT5 are associated with variation within the human plasma N-glycome of 3533 European adults. <i>Human Molecular Genetics</i> , 2011, 20, 5000-5011. | 2.9 | 74 |
| 130 | A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357. | 12.8 | 74 |
| 131 | A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , 2016, 25, 358-370. | 2.9 | 73 |
| 132 | Hypercoagulability in Cushing's syndrome: the role of specific haemostatic and fibrinolytic markers. <i>Endocrine</i> , 2009, 36, 70-74. | 2.3 | 72 |
| 133 | Genome-wide linkage analysis of serum creatinine in three isolated European populations. <i>Kidney International</i> , 2009, 76, 297-306. | 5.2 | 71 |
| 134 | Hearing function and thresholds: a genome-wide association study in European isolated populations identifies new loci and pathways. <i>Journal of Medical Genetics</i> , 2011, 48, 369-374. | 3.2 | 71 |
| 135 | Increased Genetic Vulnerability to Smoking at CHRNA5 in Early-Onset Smokers. <i>Archives of General Psychiatry</i> , 2012, 69, 854. | 12.3 | 71 |
| 136 | PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , 2018, 9, 2904. | 12.8 | 71 |
| 137 | The Eysenck personality factors: Psychometric structure, reliability, heritability and phenotypic and genetic correlations with psychological distress in an isolated Croatian population. <i>Personality and Individual Differences</i> , 2007, 42, 123-133. | 2.9 | 70 |
| 138 | Discovery and Fine Mapping of Serum Protein Loci through Transethnic Meta-analysis. <i>American Journal of Human Genetics</i> , 2012, 91, 744-753. | 6.2 | 69 |
| 139 | Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine</i> , 2020, 8, 696-708. | 10.7 | 69 |
| 140 | Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium. <i>Human Genetics</i> , 2012, 131, 1467-1480. | 3.8 | 67 |
| 141 | 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. | 1.3 | 67 |
| 142 | Network inference from glycoproteomics data reveals new reactions in the IgG glycosylation pathway. <i>Nature Communications</i> , 2017, 8, 1483. | 12.8 | 67 |
| 143 | Molecular mechanisms underlying variations in lung function: a systems genetics analysis. <i>Lancet Respiratory Medicine</i> , 2015, 3, 782-795. | 10.7 | 66 |
| 144 | Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. <i>International Journal of Epidemiology</i> , 2018, 47, 872-883i. | 1.9 | 65 |

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|-----|---|------|-----------|
| 145 | Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , 2012, 21, 5329-5343. | 2.9 | 64 |
| 146 | Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376. | 12.8 | 64 |
| 147 | Modulation of Genetic Associations with Serum Urate Levels by Body-Mass-Index in Humans. <i>PLoS ONE</i> , 2015, 10, e0119752. | 2.5 | 64 |
| 148 | Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. <i>Molecular Psychiatry</i> , 2017, 22, 192-201. | 7.9 | 63 |
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