

Ozren Polasek

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

347
papers

36,103
citations

86
h-index

186
g-index

403
ext. papers

44,553
ext. citations

10.7
avg, IF

5.36
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 347 | A multi-omics study of circulating phospholipid markers of blood pressure.. <i>Scientific Reports</i> , 2022 , 12, 574 | 4.9 | 0 |
| 346 | Impact of the pre-examination phase on multicenter metabolomic studies.. <i>New Biotechnology</i> , 2022 , 68, 37-37 | 6.4 | 2 |
| 345 | Immunoglobulin G glycome composition in transition from premenopause to postmenopause.. <i>IScience</i> , 2022 , 25, 103897 | 6.1 | 3 |
| 344 | The association of dispositional optimism and handedness with pressure pain: A cross-sectional study in the general population. <i>Personality and Individual Differences</i> , 2022 , 185, 111265 | 3.3 | |
| 343 | Meta-GWAS Reveals Novel Genetic Variants Associated with Urinary Excretion of Uromodulin.. <i>Journal of the American Society of Nephrology: JASN</i> , 2022 , 33, 511-529 | 12.7 | 2 |
| 342 | Genetic regulation of post-translational modification of two distinct proteins.. <i>Nature Communications</i> , 2022 , 13, 1586 | 17.4 | 0 |
| 341 | Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022 , 5, | 6.7 | 1 |
| 340 | Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125 | 15.1 | 3 |
| 339 | Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , 2021 , 11, 613 | 8.6 | 0 |
| 338 | The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 , | 50.4 | 24 |
| 337 | Hyponatremia as a predictor of perforated acute appendicitis in pediatric population: A prospective study. <i>Journal of Pediatric Surgery</i> , 2021 , 56, 1816-1821 | 2.6 | 13 |
| 336 | Mediterranean diet assessment challenges: Validation of the Croatian Version of the 14-item Mediterranean Diet Serving Score (MDSS) Questionnaire. <i>PLoS ONE</i> , 2021 , 16, e0247269 | 3.7 | 9 |
| 335 | Validity of Appendicitis Inflammatory Response Score in Distinguishing Perforated from Non-Perforated Appendicitis in Children. <i>Children</i> , 2021 , 8, | 2.8 | 12 |
| 334 | The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860 | 36.3 | 44 |
| 333 | Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. <i>JAMA Ophthalmology</i> , 2021 , 139, 601-609 | 3.9 | 4 |
| 332 | Role of Lung Ultrasound in Predicting Clinical Severity and Fatality in COVID-19 Pneumonia. <i>Journal of Personalized Medicine</i> , 2021 , 11, | 3.6 | 5 |
| 331 | Does Each Menstrual Cycle Elicit a Distinct Effect on Olfactory and Gustatory Perception?. <i>Nutrients</i> , 2021 , 13, | 6.7 | 2 |

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| 330 | N-glycosylation of immunoglobulin G predicts incident hypertension. <i>Journal of Hypertension</i> , 2021 , 39, 2527-2533 | 1.9 | 3 |
| 329 | Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021 , 5, 59-70 | 12.8 | 33 |
| 328 | Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021 , 12, 24 | 17.4 | 30 |
| 327 | ACEF performed better than other risk scores in non-ST-elevation acute coronary syndrome during long term follow-up. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 70 | 2.3 | 2 |
| 326 | Rapid COVID-19 Antigen Testing in Croatia: Risk Perception Plays an Important Role in the Epidemic Control. <i>Frontiers in Public Health</i> , 2021 , 9, 708907 | 6 | 0 |
| 325 | Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021 , 596, 393-397 | 30.4 | 28 |
| 324 | Metabolomic Fingerprints in Large Population Cohorts: Impact of Preanalytical Heterogeneity. <i>Clinical Chemistry</i> , 2021 , 67, 1153-1155 | 5.5 | 3 |
| 323 | The effect of food groups and nutrients on thyroid hormone levels in healthy individuals. <i>Nutrition</i> , 2021 , 91-92, 111394 | 4.8 | 1 |
| 322 | Pre-season football preparation in the era of COVID-19: Croatian Football Association Model. <i>Journal of Global Health</i> , 2020 , 10, 010352 | 4.3 | 10 |
| 321 | Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020 , 11, 2542 | 17.4 | 16 |
| 320 | Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. <i>Communications Biology</i> , 2020 , 3, 133 | 6.7 | 9 |
| 319 | Time from the Admission as the Predictor of Aggressive Behavior of Inpatients with Schizophrenia Spectrum Disorder. <i>Psychiatric Quarterly</i> , 2020 , 91, 603-614 | 4.1 | 0 |
| 318 | Systematic Evaluation of Normalization Methods for Glycomics Data Based on Performance of Network Inference. <i>Metabolites</i> , 2020 , 10, | 5.6 | 5 |
| 317 | Glycosylation of immunoglobulin G is regulated by a large network of genes pleiotropic with inflammatory diseases. <i>Science Advances</i> , 2020 , 6, eaax0301 | 14.3 | 38 |
| 316 | Global variability of the human IgG glycome. <i>Aging</i> , 2020 , 12, 15222-15259 | 5.6 | 15 |
| 315 | Searching for carbonylome biomarkers of aging - development and validation of the proteomic method for quantification of carbonylated protein in human plasma. <i>Croatian Medical Journal</i> , 2020 , 61, 119-125 | 1.6 | 0 |
| 314 | Coronavirus epidemic in Croatia: case fatality decline during summer?. <i>Croatian Medical Journal</i> , 2020 , 61, 501-507 | 1.6 | 2 |
| 313 | Have Lifestyle Habits and Psychological Well-Being Changed among Adolescents and Medical Students Due to COVID-19 Lockdown in Croatia?. <i>Nutrients</i> , 2020 , 13, | 6.7 | 36 |

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|-----|--|------|-----|
| 312 | Optimizing the diagnostic capacity for COVID-19 PCR testing for low resource and high demand settings: The development of information-dependent pooling protocol. <i>Journal of Global Health</i> , 2020 , 10, 020515 | 4.3 | 5 |
| 311 | Variants associated with HHIP expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020 , 5, 111 | 4.8 | 0 |
| 310 | Thyroid hormone levels are associated with metabolic components: a cross-sectional study. <i>Croatian Medical Journal</i> , 2020 , 61, 230-238 | 1.6 | 1 |
| 309 | Genome-Wide Analysis Identifies Two Susceptibility Loci for Positive Thyroid Peroxidase and Thyroglobulin Antibodies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105, | 5.6 | 3 |
| 308 | A bird's-eye view of Italian genomic variation through whole-genome sequencing. <i>European Journal of Human Genetics</i> , 2020 , 28, 435-444 | 5.3 | 16 |
| 307 | Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020 , 2, 1135-1148 | 14.6 | 61 |
| 306 | A strategy to incorporate prior knowledge into correlation network cutoff selection. <i>Nature Communications</i> , 2020 , 11, 5153 | 17.4 | 5 |
| 305 | Differences in food consumption between patients with Hashimoto's thyroiditis and healthy individuals. <i>Scientific Reports</i> , 2020 , 10, 10670 | 4.9 | 2 |
| 304 | 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 | 36.3 | 26 |
| 303 | 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 | 35.1 | 29 |
| 302 | Variants associated with expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020 , 5, 111 | 4.8 | 0 |
| 301 | Rare and common genetic variations in the Keap1/Nrf2 antioxidant response pathway impact thyroglobulin gene expression and circulating levels, respectively. <i>Biochemical Pharmacology</i> , 2020 , 173, 113605 | 6 | 11 |
| 300 | The Association between Salt Taste Perception, Mediterranean Diet and Metabolic Syndrome: A Cross-Sectional Study. <i>Nutrients</i> , 2020 , 12, | 6.7 | 11 |
| 299 | Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474 | 36.3 | 122 |
| 298 | Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054 | 3.8 | 39 |
| 297 | Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376 | 17.4 | 41 |
| 296 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972 | 36.3 | 217 |
| 295 | Facial aging trajectories: A common shape pattern in male and female faces is disrupted after menopause. <i>American Journal of Physical Anthropology</i> , 2019 , 169, 678-688 | 2.5 | 25 |

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| 294 | Mediterranean diet and mental distress: 10,001 Dalmatians study. <i>British Food Journal</i> , 2019 , 121, 1314-1326 | 5 |
| 293 | Genome-wide association meta-analysis for total thyroid hormone levels in Croatian population. <i>Journal of Human Genetics</i> , 2019 , 64, 473-480 | 4.3 3 |
| 292 | Genome-wide meta-analysis identifies novel loci associated with free triiodothyronine and thyroid-stimulating hormone. <i>Journal of Endocrinological Investigation</i> , 2019 , 42, 1171-1180 | 5.2 6 |
| 291 | A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019 , 28, 2615-2633 | 5.6 14 |
| 290 | 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 | 36.3 59 |
| 289 | Genetic Variants in the Gene Are Associated with Thyroglobulin Plasma Level in Healthy Individuals. <i>Thyroid</i> , 2019 , 29, 886-893 | 6.2 3 |
| 288 | 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 | 36.3 156 |
| 287 | Early results of intra-articular micro-fragmented lipoaspirate treatment in patients with late stages knee osteoarthritis: a prospective study. <i>Croatian Medical Journal</i> , 2019 , 60, 227-236 | 1.6 27 |
| 286 | New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019 , 3, 950-961 | 12.8 32 |
| 285 | Novel Genetic Locus Influencing Retinal Venular Tortuosity Is Also Associated With Risk of Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 2542-2552 | 9.4 11 |
| 284 | Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957 | 17.4 40 |
| 283 | Supplementation With the Sialic Acid Precursor N-Acetyl-D-Mannosamine Breaks the Link Between Obesity and Hypertension. <i>Circulation</i> , 2019 , 140, 2005-2018 | 16.7 20 |
| 282 | Maternal body mass index change as a new optimal gestational weight gain predictor in overweight women. <i>Croatian Medical Journal</i> , 2019 , 60, 508-514 | 1.6 |
| 281 | Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019 , 51, 452-469 | 36.3 44 |
| 280 | Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. <i>Communications Biology</i> , 2019 , 2, 435 | 6.7 10 |
| 279 | A 24-Month Follow-Up Study of the Effect of Intra-Articular Injection of Autologous Microfragmented Fat Tissue on Proteoglycan Synthesis in Patients with Knee Osteoarthritis. <i>Genes</i> , 2019 , 10, | 4.2 22 |
| 278 | 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 | 16.7 51 |
| 277 | Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. <i>Nature Genetics</i> , 2019 , 51, 245-257 | 36.3 259 |

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| 276 | The effect of multiple nutrients on plasma parathyroid hormone level in healthy individuals. <i>International Journal of Food Sciences and Nutrition</i> , 2019 , 70, 638-644 | 3.7 | 0 |
| 275 | Genome-wide association analysis suggests novel loci for Hashimoto's thyroiditis. <i>Journal of Endocrinological Investigation</i> , 2019 , 42, 567-576 | 5.2 | 14 |
| 274 | Genome-wide meta-analysis identifies novel gender specific loci associated with thyroid antibodies level in Croatians. <i>Genomics</i> , 2019 , 111, 737-743 | 4.3 | 8 |
| 273 | 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 | 11 | 59 |
| 272 | Genome-wide meta-analysis identifies novel loci associated with parathyroid hormone level. <i>Molecular Medicine</i> , 2018 , 24, 15 | 6.2 | 4 |
| 271 | 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 | 7.8 | 40 |
| 270 | Genome-Wide Meta-Analysis Unravels Interactions between Magnesium Homeostasis and Metabolic Phenotypes. <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 335-348 | 12.7 | 19 |
| 269 | PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , 2018 , 9, 2904 | 17.4 | 39 |
| 268 | Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. <i>Genome Biology</i> , 2018 , 19, 87 | 18.3 | 25 |
| 267 | 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 | 3.7 | 31 |
| 266 | Clinical Inertia in Type 2 Diabetes Patients in Primary Health Care Clinics in Central Bosnia. <i>Medical Science Monitor</i> , 2018 , 24, 8141-8149 | 3.2 | 2 |
| 265 | Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 2018 , 3, 4 | 4.8 | 16 |
| 264 | 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 | 36.3 | 186 |
| 263 | Neuroticism and pain catastrophizing aggravate response to pain in healthy adults: an experimental study. <i>Korean Journal of Pain</i> , 2018 , 31, 16-26 | 2.1 | 13 |
| 262 | 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 | 6 | 60 |
| 261 | ExomeChip-Wide Analysis of 95 626 Individuals Identifies 10 Novel Loci Associated With QT and JT Intervals. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e001758 | 5.2 | 14 |
| 260 | Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018 , 50, 1412-1425 | 36.3 | 386 |
| 259 | Mortality patterns in Southern Adriatic islands of Croatia: a registry-based study. <i>Croatian Medical Journal</i> , 2018 , 59, 118-123 | 1.6 | 3 |

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| 258 | Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018 , 50, 834-848 | 36.3 | 135 |
| 257 | Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval. <i>Circulation Genomic and Precision Medicine</i> , 2018 , 11, e002037 | 5.2 | 11 |
| 256 | Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098 | 17.4 | 254 |
| 255 | Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. <i>Nature Communications</i> , 2018 , 9, 1864 | 17.4 | 37 |
| 254 | 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 | 15.1 | 31 |
| 253 | Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. <i>International Journal of Epidemiology</i> , 2017 , 46, 894-904 | 7.8 | 25 |
| 252 | Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017 , 49, 403-415 | 36.3 | 313 |
| 251 | Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190 | 50.4 | 412 |
| 250 | 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 | 36.3 | 170 |
| 249 | Discovery of novel heart rate-associated loci using the Exome Chip. <i>Human Molecular Genetics</i> , 2017 , 26, 2346-2363 | 5.6 | 17 |
| 248 | Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017 , 49, 834-841 | 36.3 | 257 |
| 247 | 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 | 17.4 | 105 |
| 246 | Common variants in CLDN14 are associated with differential excretion of magnesium over calcium in urine. <i>Pflugers Archiv European Journal of Physiology</i> , 2017 , 469, 91-103 | 4.6 | 21 |
| 245 | Determinants of retinal microvascular features and their relationships in two European populations. <i>Journal of Hypertension</i> , 2017 , 35, 1646-1659 | 1.9 | 10 |
| 244 | Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017 , 6, | 6 | 65 |
| 243 | Validation of Surrogates of Urine Osmolality in Population Studies. <i>American Journal of Nephrology</i> , 2017 , 46, 26-36 | 4.6 | 7 |
| 242 | Association of established hypothyroidism-associated genetic variants with Hashimoto's thyroiditis. <i>Journal of Endocrinological Investigation</i> , 2017 , 40, 1061-1067 | 5.2 | 10 |
| 241 | and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 981-994 | 12.7 | 30 |

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| 240 | Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017 , 49, 1758-1766 | 3.66 | 310 |
| 239 | New Blood Pressure-Associated Loci Identified in Meta-Analyses of 475 000 Individuals. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10, | | 33 |
| 238 | 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 | 11.6 | 223 |
| 237 | Understanding biological mechanisms underlying adverse birth outcomes in developing countries: protocol for a prospective cohort (AMANHI bio-banking) study. <i>Journal of Global Health</i> , 2017 , 7, 021202 | 4.3 | 18 |
| 236 | The Effect of Intra-articular Injection of Autologous Microfragmented Fat Tissue on Proteoglycan Synthesis in Patients with Knee Osteoarthritis. <i>Genes</i> , 2017 , 8, | 4.2 | 63 |
| 235 | Multivariate discovery and replication of five novel loci associated with Immunoglobulin G N-glycosylation. <i>Nature Communications</i> , 2017 , 8, 447 | 17.4 | 48 |
| 234 | 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 , | 8.5 | 85 |
| 233 | Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017 , 8, 80 | 17.4 | 88 |
| 232 | Association of Established Thyroid-stimulating Hormone and Free Thyroxine Genetic Variants with Hashimoto's Thyroiditis. <i>Immunological Investigations</i> , 2017 , 46, 625-638 | 2.9 | 4 |
| 231 | Network inference from glycoproteomics data reveals new reactions in the IgG glycosylation pathway. <i>Nature Communications</i> , 2017 , 8, 1483 | 17.4 | 26 |
| 230 | Viva Europa, a Land of Excellence in Research and Innovation for Health and Wellbeing. <i>Progress in Preventive Medicine (New York, N Y)</i> , 2017 , 2, e006 | 0.7 | 5 |
| 229 | Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 191 million participants. <i>Lancet, The</i> , 2017 , 389, 37-55 | 40 | 1100 |
| 228 | Dietary Factors Associated with Plasma Thyroid Peroxidase and Thyroglobulin Antibodies. <i>Nutrients</i> , 2017 , 9, | 6.7 | 5 |
| 227 | Nut Consumption and Cardiovascular Risk Factors: A Cross-Sectional Study in a Mediterranean Population. <i>Nutrients</i> , 2017 , 9, | 6.7 | 16 |
| 226 | Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528 | 6 | 103 |
| 225 | GWAS for executive function and processing speed suggests involvement of the CADM2 gene. <i>Molecular Psychiatry</i> , 2016 , 21, 189-197 | 15.1 | 85 |
| 224 | A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016 , 7, 13357 | 17.4 | 46 |
| 223 | 52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1435-1448 | 15.1 | 76 |

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| 222 | Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016 , 48, 1151-1161 | 36.3 | 181 |
| 221 | 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 | 17.4 | 79 |
| 220 | 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 | 4.9 | 57 |
| 219 | Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016 , 48, 1462-1472 | 36.3 | 198 |
| 218 | 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 | 11.5 | 90 |
| 217 | Whole-exome sequencing in an isolated population from the Dalmatian island of Vis. <i>European Journal of Human Genetics</i> , 2016 , 24, 1479-87 | 5.3 | 5 |
| 216 | Association of established thyroid peroxidase autoantibody (TPOAb) genetic variants with Hashimoto's thyroiditis. <i>Autoimmunity</i> , 2016 , 49, 480-485 | 3 | 24 |
| 215 | Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , 2016 , 65, 803-17 | 0.9 | 96 |
| 214 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495 | 17.4 | 180 |
| 213 | Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016 , 7, 10023 | 17.4 | 295 |
| 212 | A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , 2016 , 25, 358-70 | 5.6 | 54 |
| 211 | Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016 , 46, 170-82 | 3.2 | 122 |
| 210 | Association of Forced Vital Capacity with the Developmental Gene NCOR2. <i>PLoS ONE</i> , 2016 , 11, e0147388 | 3.7 | 15 |
| 209 | The impact of IL-6 and IL-28B gene polymorphisms on treatment outcome of chronic hepatitis C infection among intravenous drug users in Croatia. <i>PeerJ</i> , 2016 , 4, e2576 | 3.1 | 5 |
| 208 | Host genetics and susceptibility to congenital and childhood cytomegalovirus infection: a systematic review. <i>Croatian Medical Journal</i> , 2016 , 57, 321-30 | 1.6 | 3 |
| 207 | Mediterranean diet in the southern Croatia - does it still exist?. <i>Croatian Medical Journal</i> , 2016 , 57, 415-424 | 4.6 | 23 |
| 206 | An Empirical Comparison of Joint and Stratified Frameworks for Studying G x E Interactions: Systolic Blood Pressure and Smoking in the CHARGE Gene-Lifestyle Interactions Working Group. <i>Genetic Epidemiology</i> , 2016 , 40, 404-15 | 2.6 | 15 |
| 205 | The Association Between Glycosylation of Immunoglobulin G and Hypertension: A Multiple Ethnic Cross-Sectional Study. <i>Medicine (United States)</i> , 2016 , 95, e3379 | 1.8 | 69 |

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|-----|--|------|-----|
| 204 | Meta-analysis of 49 549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in ANGPTL4 determining fasting TG levels. <i>Journal of Medical Genetics</i> , 2016 , 53, 441-9 | 5.8 | 27 |
| 203 | Soluble transferrin receptor levels are positively associated with insulin resistance but not with the metabolic syndrome or its individual components. <i>British Journal of Nutrition</i> , 2016 , 116, 1165-1174 | 3.6 | 10 |
| 202 | Normative equations for central augmentation index: assessment of inter-population applicability and how it could be improved. <i>Scientific Reports</i> , 2016 , 6, 27016 | 4.9 | 4 |
| 201 | Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016 , 48, 624-33 | 36.3 | 602 |
| 200 | Genetic variants in RBFOX3 are associated with sleep latency. <i>European Journal of Human Genetics</i> , 2016 , 24, 1488-95 | 5.3 | 18 |
| 199 | Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016 , 533, 539-42 | 50.4 | 850 |
| 198 | Genetic contributions to variation in general cognitive function: a meta-analysis of genome-wide association studies in the CHARGE consortium (N=53949). <i>Molecular Psychiatry</i> , 2015 , 20, 183-92 | 15.1 | 250 |
| 197 | Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-463 | 60.4 | 119 |
| 196 | A meta-analysis of gene expression signatures of blood pressure and hypertension. <i>PLoS Genetics</i> , 2015 , 11, e1005035 | 6 | 83 |
| 195 | Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. <i>Human Genetics</i> , 2015 , 134, 131-46 | 6.3 | 20 |
| 194 | Socioeconomic inequalities show remarkably poor association with health and disease in Southern Croatia. <i>International Journal of Public Health</i> , 2015 , 60, 417-26 | 4 | 4 |
| 193 | Molecular mechanisms underlying variations in lung function: a systems genetics analysis. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 782-95 | 35.1 | 52 |
| 192 | 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, 769-81 | 35.1 | 245 |
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| 181 | Homozygous loss-of-function variants in European cosmopolitan and isolate populations. <i>Human Molecular Genetics</i> , 2015 , 24, 5464-74 | 5.6 | 18 |
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| 160 | 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, 1598-610 | 7.6 | 120 |
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| 37 | Employment outcomes among junior researchers in medicine in Croatia. <i>Croatian Medical Journal</i> , 2008 , 49, 91-7 | 1.6 | 4 |
| 36 | Runs of homozygosity in European populations. <i>American Journal of Human Genetics</i> , 2008 , 83, 359-72 | 11 | 624 |
| 35 | Runs of Homozygosity in European Populations. <i>American Journal of Human Genetics</i> , 2008 , 83, 658 | 11 | 10 |
| 34 | Bone properties in patients with acromegaly: quantitative ultrasound of the heel. <i>Journal of Clinical Densitometry</i> , 2007 , 10, 327-31 | 3.5 | 4 |
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| 31 | Use of preventive health care services among the unemployed in Croatia. <i>Croatian Medical Journal</i> , 2007 , 48, 667-74 | 1.6 | 3 |
| 30 | Micro-scale socioeconomic inequalities and health indicators in a small isolated community of Vis Island, Croatia. <i>Croatian Medical Journal</i> , 2007 , 48, 734-40 | 1.6 | 10 |
| 29 | Internet health-information seekers in Croatia--who, what, and why?. <i>Informatics for Health and Social Care</i> , 2006 , 31, 267-73 | | 19 |
| 28 | Internship workplace preferences of final-year medical students at Zagreb University Medical School, Croatia: all roads lead to Zagreb. <i>Human Resources for Health</i> , 2006 , 4, 7 | 4.6 | 8 |
| 27 | Estimating human inbreeding coefficients: comparison of genealogical and marker heterozygosity approaches. <i>Annals of Human Genetics</i> , 2006 , 70, 666-76 | 2.2 | 61 |
| 26 | 3000 years of solitude: extreme differentiation in the island isolates of Dalmatia, Croatia. <i>European Journal of Human Genetics</i> , 2006 , 14, 478-87 | 5.3 | 58 |
| 25 | Did the 1991-1995 wars in the former Yugoslavia affect sex ratio at birth?. <i>European Journal of Epidemiology</i> , 2006 , 21, 61-4 | 12.1 | 14 |

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| 24 | Importance of health care issues in 2005 presidential elections in Croatia. <i>Croatian Medical Journal</i> , 2006 , 47, 499-502 | 1.6 | 1 |
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| 21 | Academic performance and scientific involvement of final year medical students coming from urban and rural backgrounds. <i>Rural and Remote Health</i> , 2006 , 6, 530 | 1.3 | 7 |
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| 19 | Gaps in policy-relevant information on burden of disease in children: a systematic review. <i>Lancet, The</i> , 2005 , 365, 2031-40 | 4.0 | 100 |
| 18 | Croatia's brain drain. <i>BMJ, The</i> , 2005 , 331, 1204 | 5.9 | 5 |
| 17 | Research involvement, specialty choice, and emigration preferences of final year medical students in Croatia. <i>Croatian Medical Journal</i> , 2005 , 46, 88-95 | 1.6 | 26 |
| 16 | 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 | 0.1 | 0 |
| 15 | Seasonality of births in Croatia. <i>Collegium Antropologicum</i> , 2005 , 29, 249-55 | 0.1 | 6 |
| 14 | Birth weight of healthy newborns in Zagreb area, Croatia. <i>Collegium Antropologicum</i> , 2005 , 29, 257-62 | 0.1 | 2 |
| 13 | Health problems in musicians--a review. <i>Acta Dermatovenerologica Croatica</i> , 2005 , 13, 247-51 | 0.5 | 13 |
| 12 | Youth and AIDS--a study of attitudes, knowledge, behavior and risks in the post-war Croatia. <i>Collegium Antropologicum</i> , 2003 , 27, 161-72 | 0.1 | 1 |
| 11 | Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 3 , 4 | 4.8 | 6 |
| 10 | Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 3 , 4 | 4.8 | 1 |
| 9 | The Trans-Ancestral Genomic Architecture of Glycaemic Traits | | 1 |
| 8 | Novel blood pressure locus and gene discovery using GWAS and expression datasets from blood and the kidney | | 1 |
| 7 | Ninety-nine independent genetic loci influencing general cognitive function include genes associated with brain health and structure (N = 280,360) | | 6 |

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| 6 | Genetic analysis of over one million people identifies 535 novel loci for blood pressure | 4 |
| 5 | New genetic signals for lung function highlight pathways and pleiotropy, and chronic obstructive pulmonary disease associations across multiple ancestries | 5 |
| 4 | Protein-Coding Variants Implicate Novel Genes Related to Lipid Homeostasis Contributing to Body Fat Distribution | 1 |
| 3 | Global variability of the human IgG glycome | 2 |
| 2 | Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation | 4 |
| 1 | Systematic evaluation of normalization methods for glycomics data based on performance of network inference | 1 |