

Ozren Polasek

List of Publications by Citations

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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	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
346	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010 , 42, 105-16	36.3	1673
345	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9	50.4	1564
344	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8	50.4	1514
343	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
342	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016 , 533, 539-42	50.4	850
341	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, 949-60	36.3	724
340	Runs of homozygosity in European populations. <i>American Journal of Human Genetics</i> , 2008 , 83, 359-72	11	624
339	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012 , 44, 991-1005	36.3	621
338	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012 , 44, 659-69	36.3	615
337	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
336	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010 , 42, 376-84	36.3	599
335	GWAS of 126,559 individuals identifies genetic variants associated with educational attainment. <i>Science</i> , 2013 , 340, 1467-71	33.3	563
334	SLC2A9 is a newly identified urate transporter influencing serum urate concentration, urate excretion and gout. <i>Nature Genetics</i> , 2008 , 40, 437-42	36.3	563
333	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. <i>Nature Genetics</i> , 2010 , 42, 436-40	36.3	521
332	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013 , 45, 145-54	36.3	505
331	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013 , 45, 501-12	36.3	437

330	Genome-wide association study identifies five loci associated with lung function. <i>Nature Genetics</i> , 2010 , 42, 36-44	36.3	430
329	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
328	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
327	A general approach for haplotype phasing across the full spectrum of relatedness. <i>PLoS Genetics</i> , 2014 , 10, e1004234	6	377
326	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2010 , 42, 1077-85	36.3	372
325	International photographic classification and grading system for myopic maculopathy. <i>American Journal of Ophthalmology</i> , 2015 , 159, 877-83.e7	4.9	351
324	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011 , 43, 1005-11	36.3	338
323	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. <i>PLoS Genetics</i> , 2012 , 8, e1002607	6	326
322	High throughput isolation and glycosylation analysis of IgG-variability and heritability of the IgG glycome in three isolated human populations. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M111.010090	7.6	324
321	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , 2013 , 45, 314-8	36.3	314
320	Common variants at 10 genomic loci influence hemoglobin A1c levels via glycemic and nonglycemic pathways. <i>Diabetes</i> , 2010 , 59, 3229-39	0.9	314
319	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
318	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011 , 43, 1082-90	36.3	313
317	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017 , 49, 1758-1766	36.6	310
316	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012 , 490, 267-72	50.4	304
315	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
314	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, 2624-34	0.9	285
313	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

312	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
311	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254
310	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
309	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 719-29	18.1	250
308	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. <i>Nature Genetics</i> , 2010 , 42, 1068-76	36.3	249
307	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
306	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012 , 44, 260-8	36.3	243
305	Loci associated with N-glycosylation of human immunoglobulin G show pleiotropy with autoimmune diseases and haematological cancers. <i>PLoS Genetics</i> , 2013 , 9, e1003225	6	242
304	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, 223-32	11	233
303	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	36.3	226
302	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
301	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015 , 72, 642-50	14.5	222
300	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , 2013 , 45, 155-63	36.3	222
299	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	6	220
298	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013 , 45, 621-31	36.3	219
297	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
296	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014 , 46, 826-36	36.3	199
295	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016 , 48, 1462-1472	36.3	198

294	Glycans are a novel biomarker of chronological and biological ages. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 779-89	6.4	192
293	Variability, heritability and environmental determinants of human plasma N-glycome. <i>Journal of Proteome Research</i> , 2009 , 8, 694-701	5.6	191
292	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
291	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
290	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
289	Genomics meets glycomics-the first GWAS study of human N-Glycome identifies HNF1B as a master regulator of plasma protein fucosylation. <i>PLoS Genetics</i> , 2010 , 6, e1001256	6	177
288	Effects of aging, body mass index, plasma lipid profiles, and smoking on human plasma N-glycans. <i>Glycobiology</i> , 2010 , 20, 959-69	5.8	174
287	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
286	CUBN is a gene locus for albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 555-567	17.4	170
285	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
284	Genetic determinants of circulating sphingolipid concentrations in European populations. <i>PLoS Genetics</i> , 2009 , 5, e1000672	6	150
283	Effects of genome-wide heterozygosity on a range of biomedically relevant human quantitative traits. <i>Human Molecular Genetics</i> , 2007 , 16, 233-41	5.6	150
282	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015 , 6, 5897	17.4	147
281	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, 2273-84	5.6	146
280	Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. <i>PLoS Genetics</i> , 2012 , 8, e1002490	6	145
279	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , 2012 , 8, e1002584	6	143
278	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
277	New loci associated with central cornea thickness include COL5A1, AKAP13 and AVGR8. <i>Human Molecular Genetics</i> , 2010 , 19, 4304-11	5.6	125

276	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474	36.3	122
275	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
274	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
273	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-462	50.4	119
272	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, 264-77	11	116
271	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, 1310-24	16.7	107
270	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
269	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014 , 46, 669-77	36.3	104
268	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103
267	Meta-analysis of genome-wide association studies identifies six new Loci for serum calcium concentrations. <i>PLoS Genetics</i> , 2013 , 9, e1003796	6	100
266	Gaps in policy-relevant information on burden of disease in children: a systematic review. <i>Lancet, The</i> , 2005 , 365, 2031-40	40	100
265	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, 684-95	3.5	98
264	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , 2016 , 65, 803-17	0.9	96
263	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
262	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
261	GWAS for executive function and processing speed suggests involvement of the CADM2 gene. <i>Molecular Psychiatry</i> , 2016 , 21, 189-197	15.1	85
260	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
259	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, 100-12		84

258	A meta-analysis of gene expression signatures of blood pressure and hypertension. <i>PLoS Genetics</i> , 2015 , 11, e1005035	6	83
257	Common variants in the JAZF1 gene associated with height identified by linkage and genome-wide association analysis. <i>Human Molecular Genetics</i> , 2009 , 18, 373-80	5.6	81
256	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	3.2	80
255	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
254	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. <i>Nature Communications</i> , 2015 , 6, 8658	17.4	79
253	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, 3054-68	5.6	78
252	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1435-1448	15.1	76
251	Mutations in HNF1A result in marked alterations of plasma glycan profile. <i>Diabetes</i> , 2013 , 62, 1329-37	0.9	74
250	Ethical aspects of human biobanks: a systematic review. <i>Croatian Medical Journal</i> , 2011 , 52, 262-79	1.6	72
249	Common variants in UMOD associate with urinary uromodulin levels: a meta-analysis. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 1869-82	12.7	71
248	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
247	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	65
246	Increased genetic vulnerability to smoking at CHRNA5 in early-onset smokers. <i>Archives of General Psychiatry</i> , 2012 , 69, 854-60		65
245	Hypercoagulability in Cushing's syndrome: the role of specific haemostatic and fibrinolytic markers. <i>Endocrine</i> , 2009 , 36, 70-4	4	64
244	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
243	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, 4857-69	5.6	62
242	Evidence of inbreeding depression on human height. <i>PLoS Genetics</i> , 2012 , 8, e1002655	6	62
241	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, 5000-11	5.6	61

240	Estimating human inbreeding coefficients: comparison of genealogical and marker heterozygosity approaches. <i>Annals of Human Genetics</i> , 2006 , 70, 666-76	2.2	61
239	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020 , 2, 1135-1148	14.6	61
238	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
237	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
236	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
235	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, 369-74	5.8	59
234	Discovery and fine mapping of serum protein loci through transethnic meta-analysis. <i>American Journal of Human Genetics</i> , 2012 , 91, 744-53	11	58
233	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
232	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
231	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, 1467-80	6.3	57
230	Genome-wide linkage analysis of serum creatinine in three isolated European populations. <i>Kidney International</i> , 2009 , 76, 297-306	9.9	57
229	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
228	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , 2012 , 21, 5329-43	5.6	54
227	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 782-95	35.1	52
226	Meta-analysis of genome-wide association studies in five cohorts reveals common variants in RBFOX1, a regulator of tissue-specific splicing, associated with refractive error. <i>Human Molecular Genetics</i> , 2013 , 22, 2754-64	5.6	52
225	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	3.3	51
224	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
223	Meta-analysis of gene-level associations for rare variants based on single-variant statistics. <i>American Journal of Human Genetics</i> , 2013 , 93, 236-48	11	49

222	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, 749-63	7.9	48
221	Multivariate discovery and replication of five novel loci associated with Immunoglobulin G N-glycosylation. <i>Nature Communications</i> , 2017 , 8, 447	17.4	48
220	Association of adiposity genetic variants with menarche timing in 92,105 women of European descent. <i>American Journal of Epidemiology</i> , 2013 , 178, 451-60	3.8	48
219	The role of host genetic factors in respiratory tract infectious diseases: systematic review, meta-analyses and field synopsis. <i>Scientific Reports</i> , 2015 , 5, 16119	4.9	47
218	Genetic predictors of fibrin D-dimer levels in healthy adults. <i>Circulation</i> , 2011 , 123, 1864-72	16.7	47
217	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
216	Modeling of environmental effects in genome-wide association studies identifies SLC2A2 and HP as novel loci influencing serum cholesterol levels. <i>PLoS Genetics</i> , 2010 , 6, e1000798	6	46
215	Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF. <i>Blood</i> , 2015 , 126, e19-29	2.2	45
214	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	6	45
213	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
212	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
211	Common aberrations from the normal human plasma N-glycan profile. <i>Glycobiology</i> , 2010 , 20, 970-5	5.8	42
210	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
209	A comprehensive evaluation of potential lung function associated genes in the SpiroMeta general population sample. <i>PLoS ONE</i> , 2011 , 6, e19382	3.7	41
208	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
207	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957	17.4	40
206	Concordant association of insulin degrading enzyme gene (IDE) variants with IDE mRNA, Abeta, and Alzheimer's disease. <i>PLoS ONE</i> , 2010 , 5, e8764	3.7	40
205	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

204	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
203	The association between lower educational attainment and depression owing to shared genetic effects? Results in ~25,000 subjects. <i>Molecular Psychiatry</i> , 2015 , 20, 735-43	15.1	39
202	A meta-analysis of genome-wide data from five European isolates reveals an association of COL22A1, SYT1, and GABRR2 with serum creatinine level. <i>BMC Medical Genetics</i> , 2010 , 11, 41	2.1	39
201	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
200	Causal and synthetic associations of variants in the SERPINA gene cluster with alpha1-antitrypsin serum levels. <i>PLoS Genetics</i> , 2013 , 9, e1003585	6	37
199	A common biological basis of obesity and nicotine addiction. <i>Translational Psychiatry</i> , 2013 , 3, e308	8.6	37
198	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
197	Genome-wide meta-analysis of myopia and hyperopia provides evidence for replication of 11 loci. <i>PLoS ONE</i> , 2014 , 9, e107110	3.7	36
196	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
195	DNA mismatch repair gene MSH6 implicated in determining age at natural menopause. <i>Human Molecular Genetics</i> , 2014 , 23, 2490-7	5.6	35
194	New Blood Pressure-Associated Loci Identified in Meta-Analyses of 475 000 Individuals. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		33
193	The association between galactosylation of immunoglobulin G and body mass index. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 48, 20-5	5.5	33
192	Genome-wide association study for circulating tissue plasminogen activator levels and functional follow-up implicates endothelial STXBP5 and STX2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1093-101	9.4	33
191	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021 , 5, 59-70	12.8	33
190	Genome of The Netherlands population-specific imputations identify an ABCA6 variant associated with cholesterol levels. <i>Nature Communications</i> , 2015 , 6, 6065	17.4	32
189	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019 , 3, 950-961	12.8	32
188	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
187	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

186	Epigenetic silencing of HNF1A associates with changes in the composition of the human plasma N-glycome. <i>Epigenetics</i> , 2012 , 7, 164-72	5.7	31
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179	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021 , 596, 393-397	30.4	28
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174	Network inference from glycoproteomics data reveals new reactions in the IgG glycosylation pathway. <i>Nature Communications</i> , 2017 , 8, 1483	17.4	26
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152	Sex ratio at birth and war in Croatia (1991-1995). <i>Human Reproduction</i> , 2005 , 20, 2489-91	5.7	19
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67	A strategy to incorporate prior knowledge into correlation network cutoff selection. <i>Nature Communications</i> , 2020 , 11, 5153	17.4	5
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60	Genetic analysis of over one million people identifies 535 novel loci for blood pressure		4
59	Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation		4
58	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. <i>JAMA Ophthalmology</i> , 2021 , 139, 601-609	3.9	4
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29	Socioeconomic inequalities estimation from public health surveys--data considerations, strengths and limitations. <i>Collegium Antropologicum</i> , 2009 , 33 Suppl 1, 171-6	0.1	2
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25	The Trans-Ancestral Genomic Architecture of Glycaemic Traits		1

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23	Thyroid hormone levels are associated with metabolic components: a cross-sectional study. <i>Croatian Medical Journal</i> , 2020 , 61, 230-238	1.6	1
22	Novel blood pressure locus and gene discovery using GWAS and expression datasets from blood and the kidney		1
21	Protein-Coding Variants Implicate Novel Genes Related to Lipid Homeostasis Contributing to Body Fat Distribution		1
20	Systematic evaluation of normalization methods for glycomics data based on performance of network inference		1
19	The effect of food groups and nutrients on thyroid hormone levels in healthy individuals. <i>Nutrition</i> , 2021 , 91-92, 111394	4.8	1
18	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
17	Regional pattern of cardiovascular risk burden in Croatia. <i>Collegium Antropologicum</i> , 2009 , 33 Suppl 1, 11-7	0.1	1
16	Surgical scientific publication and the 1991-1995 war in Croatia. <i>Collegium Antropologicum</i> , 2011 , 35, 409-12	0.1	1
15	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022 , 5,	6.7	1
14	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
13	A multi-omics study of circulating phospholipid markers of blood pressure.. <i>Scientific Reports</i> , 2022 , 12, 574	4.9	0
12	Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , 2021 , 11, 613	8.6	0
11	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
10	Variants associated with HHIP expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020 , 5, 111	4.8	0
9	Variants associated with expression have sex-differential effects on lung function. <i>Wellcome Open Research</i> , 2020 , 5, 111	4.8	0
8	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
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5	Genetic regulation of post-translational modification of two distinct proteins.. <i>Nature Communications</i> , 2022 , 13, 1586	17.4	○
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1	Undergraduate grade point average is a poor predictor of scientific productivity later in career. <i>Collegium Antropologicum</i> , 2010 , 34 Suppl 1, 1-5	0.1	