

Lina Zgaga

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.

125
papers

14,295
citations

44
h-index

119
g-index

132
ext. papers

16,345
ext. citations

8.6
avg, IF

5.04
L-index

#	Paper	IF	Citations
125	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
124	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8	50.4	1514
123	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
122	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
121	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010 , 42, 376-84	36.3	599
120	Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. <i>PLoS Medicine</i> , 2013 , 10, e1001383	11.6	592
119	Vitamin D and multiple health outcomes: umbrella review of systematic reviews and meta-analyses of observational studies and randomised trials. <i>BMJ, The</i> , 2014 , 348, g2035	5.9	576
118	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
117	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. <i>Nature Genetics</i> , 2010 , 42, 436-40	36.3	521
116	Genome-wide association study identifies five loci associated with lung function. <i>Nature Genetics</i> , 2010 , 42, 36-44	36.3	430
115	Abundant pleiotropy in human complex diseases and traits. <i>American Journal of Human Genetics</i> , 2011 , 89, 607-18	11	376
114	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
113	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
112	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012 , 490, 267-72	50.4	304
111	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
110	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology, the</i> , 2014 , 2, 719-29	18.1	250
109	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

108	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
107	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
106	Common variation near CDKN1A, POLD3 and SHROOM2 influences colorectal cancer risk. <i>Nature Genetics</i> , 2012 , 44, 770-6	36.3	184
105	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
104	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018 , 9, 260	17.4	174
103	New loci associated with central cornea thickness include COL5A1, AKAP13 and AVGR8. <i>Human Molecular Genetics</i> , 2010 , 19, 4304-11	5.6	125
102	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
101	Identification of susceptibility loci for colorectal cancer in a genome-wide meta-analysis. <i>Human Molecular Genetics</i> , 2014 , 23, 4729-37	5.6	107
100	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014 , 46, 669-77	36.3	104
99	Plasma vitamin D concentration influences survival outcome after a diagnosis of colorectal cancer. <i>Journal of Clinical Oncology</i> , 2014 , 32, 2430-9	2.2	98
98	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
97	GWAS for executive function and processing speed suggests involvement of the CADM2 gene. <i>Molecular Psychiatry</i> , 2016 , 21, 189-197	15.1	85
96	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
95	The association of dietary intake of purine-rich vegetables, sugar-sweetened beverages and dairy with plasma urate, in a cross-sectional study. <i>PLoS ONE</i> , 2012 , 7, e38123	3.7	84
94	The impact of vitamin D pathway genetic variation and circulating 25-hydroxyvitamin D on cancer outcome: systematic review and meta-analysis. <i>British Journal of Cancer</i> , 2017 , 116, 1092-1110	8.7	81
93	Association analyses identify 31 new risk loci for colorectal cancer susceptibility. <i>Nature Communications</i> , 2019 , 10, 2154	17.4	81
92	Systematic meta-analyses and field synopsis of genetic association studies in colorectal cancer. <i>Journal of the National Cancer Institute</i> , 2012 , 104, 1433-57	9.7	81
91	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

90	Mutations in HNF1A result in marked alterations of plasma glycan profile. <i>Diabetes</i> , 2013 , 62, 1329-37	0.9	74
89	Aetiology of community-acquired neonatal sepsis in low and middle income countries. <i>Journal of Global Health</i> , 2011 , 1, 154-70	4.3	71
88	Evidence of inbreeding depression on human height. <i>PLoS Genetics</i> , 2012 , 8, e1002655	6	62
87	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
86	Diet, environmental factors, and lifestyle underlie the high prevalence of vitamin D deficiency in healthy adults in Scotland, and supplementation reduces the proportion that are severely deficient. <i>Journal of Nutrition</i> , 2011 , 141, 1535-42	4.1	59
85	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
84	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
83	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
82	An evaluation of the emerging interventions against Respiratory Syncytial Virus (RSV)-associated acute lower respiratory infections in children. <i>BMC Public Health</i> , 2011 , 11 Suppl 3, S30	4.1	48
81	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
80	Exploring causality in the association between circulating 25-hydroxyvitamin D and colorectal cancer risk: a large Mendelian randomisation study. <i>BMC Medicine</i> , 2018 , 16, 142	11.4	40
79	Instrumental variable estimation of the causal effect of plasma 25-hydroxy-vitamin D on colorectal cancer risk: a mendelian randomization analysis. <i>PLoS ONE</i> , 2012 , 7, e37662	3.7	39
78	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
77	DNA mismatch repair gene MSH6 implicated in determining age at natural menopause. <i>Human Molecular Genetics</i> , 2014 , 23, 2490-7	5.6	35
76	Phenome-wide Mendelian-randomization study of genetically determined vitamin D on multiple health outcomes using the UK Biobank study. <i>International Journal of Epidemiology</i> , 2019 , 48, 1425-1434	7.8	33
75	Ambient UVB Dose and Sun Enjoyment Are Important Predictors of Vitamin D Status in an Older Population. <i>Journal of Nutrition</i> , 2017 , 147, 858-868	4.1	29
74	The TCF7L2 diabetes risk variant is associated with HbA _{1c} levels: a genome-wide association meta-analysis. <i>Annals of Human Genetics</i> , 2010 , 74, 471-8	2.2	29
73	De novo vitamin D supplement use post-diagnosis is associated with breast cancer survival. <i>Breast Cancer Research and Treatment</i> , 2018 , 172, 179-190	4.4	28

72	Common variants in Mendelian kidney disease genes and their association with renal function. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 2105-17	12.7	27
71	Urinary soluble CD163 and monocyte chemoattractant protein-1 in the identification of subtle renal flare in anti-neutrophil cytoplasmic antibody-associated vasculitis. <i>Nephrology Dialysis Transplantation</i> , 2020 , 35, 283-291	4.3	27
70	Estimating the burden of rheumatoid arthritis in Africa: A systematic analysis. <i>Journal of Global Health</i> , 2012 , 2, 020406	4.3	26
69	Genome-wide meta-analysis of common variant differences between men and women. <i>Human Molecular Genetics</i> , 2012 , 21, 4805-15	5.6	24
68	Markers of Vitamin D Exposure and Esophageal Cancer Risk: A Systematic Review and Meta-analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 877-86	4	23
67	Recurrent Coding Sequence Variation Explains Only A Small Fraction of the Genetic Architecture of Colorectal Cancer. <i>Scientific Reports</i> , 2015 , 5, 16286	4.9	21
66	An evaluation of emerging vaccines for childhood pneumococcal pneumonia. <i>BMC Public Health</i> , 2011 , 11 Suppl 3, S26	4.1	21
65	Common variant in myocilin gene is associated with high myopia in isolated population of Korcula Island, Croatia. <i>Croatian Medical Journal</i> , 2009 , 50, 17-22	1.6	20
64	Quantifying the increase in average human heterozygosity due to urbanisation. <i>European Journal of Human Genetics</i> , 2008 , 16, 1097-102	5.3	20
63	Heritabilities of ocular biometrical traits in two croatian isolates with extended pedigrees 2010 , 51, 737-43		19
62	The effect of vitamin D supplementation on survival in patients with colorectal cancer: systematic review and meta-analysis of randomised controlled trials. <i>British Journal of Cancer</i> , 2020 , 123, 1705-1712	8.7	19
61	Five-year standardised mortality ratios in a cohort of homeless people in Dublin. <i>BMJ Open</i> , 2019 , 9, e023010		19
60	Genetic variants in RBF3X are associated with sleep latency. <i>European Journal of Human Genetics</i> , 2016 , 24, 1488-95	5.3	18
59	The natural history of small bowel angiodysplasia. <i>Scandinavian Journal of Gastroenterology</i> , 2016 , 51, 393-9	2.4	17
58	Individual multi-locus heterozygosity is associated with lower morning plasma cortisol concentrations. <i>European Journal of Endocrinology</i> , 2013 , 169, 59-64	6.5	16
57	An evaluation of oxygen systems for treatment of childhood pneumonia. <i>BMC Public Health</i> , 2011 , 11 Suppl 3, S28	4.1	16
56	The Prevalence of Oropharyngeal Dysphagia in Adults Presenting with Temporomandibular Disorders Associated with Rheumatoid Arthritis: A Systematic Review and Meta-analysis. <i>Dysphagia</i> , 2017 , 32, 587-600	3.7	15
55	Association among education level, occupation status, and consanguinity in Tunisia and Croatia. <i>Croatian Medical Journal</i> , 2006 , 47, 656-61	1.6	15

54	The contributions of adjusted ambient ultraviolet B radiation at place of residence and other determinants to serum 25-hydroxyvitamin D concentrations. <i>British Journal of Dermatology</i> , 2016 , 174, 1068-78	4	14
53	An evaluation of different meta-analysis approaches in the presence of allelic heterogeneity. <i>European Journal of Human Genetics</i> , 2012 , 20, 709-12	5.3	14
52	Setting priorities for development of emerging interventions against childhood pneumonia, meningitis and influenza. <i>Journal of Global Health</i> , 2012 , 2, 010304	4.3	13
51	Higher Post-Operative Serum Vitamin D Level is Associated with Better Survival Outcome in Colorectal Cancer Patients. <i>Nutrition and Cancer</i> , 2019 , 71, 1078-1085	2.8	12
50	Free Children's Visits and General Practice Attendance. <i>Annals of Family Medicine</i> , 2018 , 16, 246-249	2.9	12
49	An evaluation of respiratory administration of measles vaccine for prevention of acute lower respiratory infections in children. <i>BMC Public Health</i> , 2011 , 11 Suppl 3, S31	4.1	12
48	Association of nephrolithiasis and gene for glucose transporter type 9 (SLC2A9): study of 145 patients. <i>Croatian Medical Journal</i> , 2010 , 51, 48-53	1.6	12
47	Pre-diagnostic statin use, lymph node status and mortality in women with stages I-III breast cancer. <i>British Journal of Cancer</i> , 2017 , 117, 588-596	8.7	11
46	An evaluation of emerging vaccines for childhood meningococcal disease. <i>BMC Public Health</i> , 2011 , 11 Suppl 3, S29	4.1	11
45	SMAD7 variant rs4939827 is associated with colorectal cancer risk in Croatian population. <i>PLoS ONE</i> , 2013 , 8, e74042	3.7	11
44	25-Hydroxyvitamin D Measurement in Human Hair: Results from a Proof-of-Concept study. <i>Nutrients</i> , 2019 , 11,	6.7	11
43	Sunshine is an Important Determinant of Vitamin D Status Even Among High-dose Supplement Users: Secondary Analysis of a Randomized Controlled Trial in Crohn's Disease Patients. <i>Photochemistry and Photobiology</i> , 2019 , 95, 1060-1067	3.6	11
42	National incidence of eyelid cancer in Ireland (2005-2015). <i>Eye</i> , 2019 , 33, 1534-1539	4.4	10
41	Platelet function/reactivity testing and prediction of risk of recurrent vascular events and outcomes after TIA or ischaemic stroke: systematic review and meta-analysis. <i>Journal of Neurology</i> , 2020 , 267, 3021-3037	5.5	10
40	Effects of isolation and inbreeding on human quantitative traits: an example of biochemical markers of hemostasis and inflammation. <i>Human Biology</i> , 2008 , 80, 513-33	1.2	10
39	Mendelian diseases and conditions in Croatian island populations: historic records and new insights. <i>Croatian Medical Journal</i> , 2006 , 47, 543-52	1.6	10
38	Interactions between genetic variants in glucose transporter type 9 (SLC2A9) and dietary habits in serum uric acid regulation. <i>Croatian Medical Journal</i> , 2010 , 51, 40-7	1.6	9
37	Sequencing of high-complexity DNA pools for identification of nucleotide and structural variants in regions associated with complex traits. <i>European Journal of Human Genetics</i> , 2012 , 20, 77-83	5.3	9

36	Incidence and mortality trends of gastric and colorectal cancers in Croatia, 1988-2008. <i>Croatian Medical Journal</i> , 2012 , 53, 124-34	1.6	9
35	A naturalistic longitudinal analysis of post-detoxification outcomes in opioid-dependent patients. <i>Drug and Alcohol Review</i> , 2018 , 37 Suppl 1, S339-S347	3.2	8
34	Model selection approach suggests causal association between 25-hydroxyvitamin D and colorectal cancer. <i>PLoS ONE</i> , 2013 , 8, e63475	3.7	8
33	An evaluation of the emerging vaccines and immunotherapy against staphylococcal pneumonia in children. <i>BMC Public Health</i> , 2011 , 11 Suppl 3, S27	4.1	8
32	Historic, demographic, and genetic evidence for increased population frequencies of CCR5Delta32 mutation in Croatian Island isolates after lethal 15th century epidemics. <i>Croatian Medical Journal</i> , 2009 , 50, 34-42	1.6	8
31	Setting priorities for development of emerging interventions against childhood pneumonia, meningitis and influenza. <i>Journal of Global Health</i> , 2012 , 2,	4.3	8
30	Annual Ambient UVB at Wavelengths that Induce Vitamin D Synthesis is Associated with Reduced Esophageal and Gastric Cancer Risk: A Nested Case-Control Study. <i>Photochemistry and Photobiology</i> , 2018 , 94, 797-806	3.6	7
29	Patterns of Smoking Behaviour in Low-Income Pregnant Women: A Cohort Study of Differential Effects on Infant Birth Weight. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	7
28	Association between home birth and breast feeding outcomes: a cross-sectional study in 28 125 mother-infant pairs from Ireland and the UK. <i>BMJ Open</i> , 2016 , 6, e010551	3	6
27	Genome-wide association study identifies FUT8 and ESR2 as co-regulators of a bi-antennary N-linked glycan A2 (GlcNAc~2~Man~3~GlcNAc~2~) in human plasma proteins. <i>Nature Precedings</i> , 2009 ,		6
26	Genetic comparison of a Croatian isolate and CEPH European founders. <i>Genetic Epidemiology</i> , 2010 , 34, 140-5	2.6	6
25	High prevalence of glaucoma in Veli Brgud, Croatia, is caused by a dominantly inherited T377M mutation in the MYOC gene. <i>British Journal of Ophthalmology</i> , 2008 , 92, 1567-8	5.5	6
24	The Association Between Infant Temperament and Breastfeeding Duration: A Cross-Sectional Study. <i>Breastfeeding Medicine</i> , 2016 , 11, 111-8	2.1	5
23	An evaluation of the emerging vaccines against influenza in children. <i>BMC Public Health</i> , 2013 , 13 Suppl 3, S14	4.1	4
22	Farming, Foreign Holidays, and Vitamin D in Orkney. <i>PLoS ONE</i> , 2016 , 11, e0155633	3.7	4
21	Health Care Utilisation by Bullying Victims: A Cross-Sectional Study of A 9-Year-Old Cohort in Ireland. <i>Healthcare (Switzerland)</i> , 2018 , 6,	3.4	3
20	Study protocol for the COvid-19 Toolbox for All IslaNd (CONTAIN) project: A cross-border analysis in Ireland to disentangle psychological, behavioural, media and governmental responses to COVID-19. <i>HRB Open Research</i> , 2020 , 3, 48	1.2	3
19	The case for launch of an international DNA-based birth cohort study. <i>Journal of Global Health</i> , 2011 , 1, 39-45	4.3	3

18	Trends in vitamin D supplement use in a general female and breast cancer population in Ireland: A repeated cross-sectional study. <i>PLoS ONE</i> , 2018 , 13, e0209033	3.7	3
17	Bordering on crisis: A qualitative analysis of focus group, social media, and news media perspectives on the Republic of Ireland-Northern Ireland border during the first wave of the COVID-19 pandemic. <i>Social Science and Medicine</i> , 2021 , 282, 114111	5.1	3
16	An observational and Mendelian randomisation study on vitamin D and COVID-19 risk in UK Biobank. <i>Scientific Reports</i> , 2021 , 11, 18262	4.9	3
15	Prevalence of increased body weight and hypertension in the population of Croatian mainland and Adriatic Islands--are islanders really healthier?. <i>Collegium Antropologicum</i> , 2009 , 33 Suppl 1, 135-40	0.1	3
14	Fitting Marginal Structural and G-Estimation Models Under Complex Treatment Patterns: Investigating the Association Between De Novo Vitamin D Supplement Use After Breast Cancer Diagnosis and All-Cause Mortality Using Linked Pharmacy Claim and Registry Data. <i>American Journal of Epidemiology</i> , 2020 , 189, 224-234	3.8	2
13	Does inbreeding affect N-glycosylation of human plasma proteins?. <i>Molecular Genetics and Genomics</i> , 2011 , 285, 427-32	3.1	2
12	Genome-wide association study to identify common variants associated with brachial circumference: a meta-analysis of 14 cohorts. <i>PLoS ONE</i> , 2012 , 7, e31369	3.7	2
11	Differential genetic influences over colorectal cancer risk and gene expression in large bowel mucosa. <i>International Journal of Cancer</i> , 2021 , 149, 1100-1108	7.5	2
10	Study protocol for the COVID-19 Toolbox for All Ireland (CONTAIN) project: A cross-border analysis in Ireland to disentangle psychological, behavioural, media and governmental responses to COVID-19. <i>HRB Open Research</i> , 2020 , 3, 48	1.2	2
9	Heterogeneity of the Effect of Vitamin D Supplementation in Randomized Controlled Trials on Cancer Prevention. <i>JAMA Network Open</i> , 2020 , 3, e2027176	10.4	2
8	Refractive error and vision problems in children: association with increased sedentary behavior and reduced exercise in 9-year-old children in Ireland. <i>Journal of AAPOS</i> , 2019 , 23, 159.e1-159.e6	1.3	1
7	Reply to F.J.S. Conway et Al. <i>Journal of Clinical Oncology</i> , 2015 , 33, 224-5	2.2	1
6	Genetically-predicted vitamin D status, ambient UVB during the pandemic and COVID-19 risk in UK Biobank: Mendelian Randomisation study		1
5	Power determination in vitamin D randomised control trials and characterising factors affecting it through a novel simulation-based tool. <i>Scientific Reports</i> , 2021 , 11, 10804	4.9	1
4	Media Representations of Science during the First Wave of the COVID-19 Pandemic: A Qualitative Analysis of News and Social Media on the Island of Ireland. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
3	Non-adherence to COVID-19 containment behaviours: results from an all-Ireland telephone survey.. <i>BMC Public Health</i> , 2022 , 22, 898	4.1	0
2	Reply to Comment on The impact of vitamin D pathway genetic variation and circulating 25-hydroxyvitamin D on cancer outcome: systematic review and meta-analysis <i>British Journal of Cancer</i> , 2017 , 117, e4	8.7	
1	Schizophrenia: Searching for the causes through many layers of complexity. <i>Psychiatria Danubina</i> , 2012 , 24, 21-2	1.8	

