

Tatijana Zemunik

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

9,888
citations

101543

36
h-index

42399

92
g-index

108
all docs

108
docs citations

108
times ranked

19021
citing authors

#	ARTICLE	IF	CITATIONS
1	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014, 513, 409-413.	27.8	1,179
2	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
3	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
4	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
5	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010, 42, 376-384.	21.4	710
6	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154.	21.4	675
7	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	12.8	412
8	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012, 490, 267-272.	27.8	383
9	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
10	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
11	The trans-ancestral genomic architecture of glycaemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
12	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
13	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	3.5	166
14	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
15	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014, 46, 669-677.	21.4	131
16	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
17	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
18	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. <i>Nature Communications</i> , 2015, 6, 8658.	12.8	108

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19	â€œ10â€™001 Dalmatians:â€™Croatia Launches Its National Biobank. Croatian Medical Journal, 2009, 50, 4-6.	0.7	99
20	Association Between Chromosome 9p21 Variants and the Ankle-Brachial Index Identified by a Meta-Analysis of 21 Genome-Wide Association Studies. Circulation: Cardiovascular Genetics, 2012, 5, 100-112.	5.1	98
21	Ethical aspects of human biobanks: a systematic review. Croatian Medical Journal, 2011, 52, 262-279.	0.7	95
22	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	12.8	87
23	The peopling of Europe and the cautionary tale of Y chromosome lineage R-M269. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 884-892.	2.6	84
24	Evidence of Inbreeding Depression on Human Height. PLoS Genetics, 2012, 8, e1002655.	3.5	79
25	Polymorphisms in B3GAT1, SLC9A9 and MGAT5 are associated with variation within the human plasma N-glycome of 3533 European adults. Human Molecular Genetics, 2011, 20, 5000-5011.	2.9	74
26	Environmental Factors Affecting Thyroid-Stimulating Hormone and Thyroid Hormone Levels. International Journal of Molecular Sciences, 2021, 22, 6521.	4.1	74
27	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. Human Molecular Genetics, 2016, 25, 358-370.	2.9	73
28	Hearing function and thresholds: a genome-wide association study in European isolated populations identifies new loci and pathways. Journal of Medical Genetics, 2011, 48, 369-374.	3.2	71
29	Discovery and Fine Mapping of Serum Protein Loci through Transethnic Meta-analysis. American Journal of Human Genetics, 2012, 91, 744-753.	6.2	69
30	The Role of Recent Admixture in Forming the Contemporary West Eurasian Genomic Landscape. Current Biology, 2015, 25, 2518-2526.	3.9	68
31	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. Human Molecular Genetics, 2012, 21, 5329-5343.	2.9	64
32	Vitamin D receptor polymorphism and susceptibility to type 1 diabetes in the Dalmatian population. Diabetes Research and Clinical Practice, 2003, 59, 31-35.	2.8	63
33	Genome-wide Association Study of Biochemical Traits in KorÄula Island, Croatia. Croatian Medical Journal, 2009, 50, 23-33.	0.7	49
34	A meta-analysis of genome-wide data from five European isolates reveals an association of COL22A1, SYT1, and GABRR2 with serum creatinine level. BMC Medical Genetics, 2010, 11, 41.	2.1	48
35	FokI Polymorphism, Vitamin D Receptor, and Interleukin-1 Receptor Haplotypes Are Associated with Type 1 Diabetes in the Dalmatian Population. Journal of Molecular Diagnostics, 2005, 7, 600-604.	2.8	41
36	Prognosis in monoclonal gammopathy of undetermined significance. British Journal of Haematology, 1997, 97, 649-651.	2.5	36

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37	Meta-analysis of 49â€¦549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in <i>ANGPTL4</i> determining fasting TG levels. <i>Journal of Medical Genetics</i> , 2016, 53, 441-449.	3.2	34
38	The <i>TCF7L2</i> Diabetes Risk Variant is Associated with HbA _{1C} Levels: a Genome-Wide Association Meta-Analysis. <i>Annals of Human Genetics</i> , 2010, 74, 471-478.	0.8	33
39	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, 2105-2117.	6.1	33
40	Association of established thyroid peroxidase autoantibody (TPOAb) genetic variants with Hashimoto's thyroiditis. <i>Autoimmunity</i> , 2016, 49, 480-485.	2.6	28
41	The Greeks in the West: genetic signatures of the Hellenic colonisation in southern Italy and Sicily. <i>European Journal of Human Genetics</i> , 2016, 24, 429-436.	2.8	26
42	Environmental Risk Factors for Type 1 Diabetes Mellitus Development. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2017, 125, 563-570.	1.2	20
43	Family-based analysis of vitamin D receptor gene polymorphisms and type 1 diabetes in the population of South Croatia. <i>Journal of Human Genetics</i> , 2008, 53, 210-214.	2.3	19
44	Thyroglobulin Antibodies are Associated with Symptom Burden in Patients with Hashimoto's Thyroiditis: A Cross-Sectional Study. <i>Immunological Investigations</i> , 2019, 48, 198-209.	2.0	17
45	Genome-wide association analysis suggests novel loci for Hashimoto's thyroiditis. <i>Journal of Endocrinological Investigation</i> , 2019, 42, 567-576.	3.3	17
46	Differences in food consumption between patients with Hashimoto's thyroiditis and healthy individuals. <i>Scientific Reports</i> , 2020, 10, 10670.	3.3	17
47	Oculo-facio-cardio-dental syndrome in three succeeding generations: genotypic data and phenotypic features. <i>Brazilian Journal of Medical and Biological Research</i> , 2012, 45, 1315-1319.	1.5	16
48	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.	4.4	16
49	Dietary Factors Associated with Plasma Thyroid Peroxidase and Thyroglobulin Antibodies. <i>Nutrients</i> , 2017, 9, 1186.	4.1	15
50	Genome-wide association analysis suggests novel loci underlying thyroid antibodies in Hashimoto's thyroiditis. <i>Scientific Reports</i> , 2019, 9, 5360.	3.3	15
51	Family-based analysis of tumor necrosis factor and lymphotoxin- β tag polymorphisms with type 1 diabetes in the population of South Croatia. <i>Human Immunology</i> , 2009, 70, 195-199.	2.4	14
52	Predictive Value of 8 Genetic Loci for Serum Uric Acid Concentration. <i>Croatian Medical Journal</i> , 2010, 51, 23-31.	0.7	14
53	Association of TNF promoter polymorphisms with type 1 diabetes in the South Croatian population. <i>Biological Research</i> , 2008, 41, .	3.4	14
54	Association of NOS3 tag polymorphisms with hypoxic-ischemic encephalopathy. <i>Croatian Medical Journal</i> , 2011, 52, 396-402.	0.7	13

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55	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.	3.3	13
56	131I-induced changes in rat thyroid gland function. <i>Brazilian Journal of Medical and Biological Research</i> , 2007, 40, 1087-1094.	1.5	12
57	Common Variants in SLC17A3 Gene Affect Intra-personal Variation in Serum Uric Acid Levels in Longitudinal Time Series. <i>Croatian Medical Journal</i> , 2010, 51, 32-39.	0.7	12
58	The OSR1 rs12329305 Polymorphism Contributes to the Development of Congenital Malformations in Cases of Stillborn/Neonatal Death. <i>Medical Science Monitor</i> , 2014, 20, 1531-1538.	1.1	11
59	Association of established hypothyroidism-associated genetic variants with Hashimoto's thyroiditis. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 1061-1067.	3.3	11
60	Genome-wide meta-analysis identifies novel gender specific loci associated with thyroid antibodies level in Croatians. <i>Genomics</i> , 2019, 111, 737-743.	2.9	11
61	AATF and SMARCA2 are associated with thyroid volume in Hashimoto's thyroiditis patients. <i>Scientific Reports</i> , 2020, 10, 1754.	3.3	11
62	Epidemiology of Hypothyroidism, Hyperthyroidism and Positive Thyroid Antibodies in the Croatian Population. <i>Biology</i> , 2022, 11, 394.	2.8	11
63	In Search of a Croatian Model of Nursing Education. <i>Croatian Medical Journal</i> , 2010, 51, 383-395.	0.7	10
64	Historic, Demographic, and Genetic Evidence for Increased Population Frequencies of CCR5 Δ 32 Mutation in Croatian Island Isolates after Lethal 15th Century Epidemics. <i>Croatian Medical Journal</i> , 2009, 50, 34-42.	0.7	9
65	NeuroD1 gene and interleukin-18 gene polymorphisms in type 1 diabetes in Dalmatian population of Southern Croatia. <i>Croatian Medical Journal</i> , 2006, 47, 571-8.	0.7	9
66	Oxygenation alters ganglioside expression in rat liver following partial hepatectomy. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 131-141.	2.1	8
67	Association of NOS3 gene variants and clinical contributors of hypoxic-ischemic encephalopathy. <i>Brazilian Journal of Medical and Biological Research</i> , 2014, 47, 869-875.	1.5	8
68	Genome-wide meta-analysis identifies novel loci associated with parathyroid hormone level. <i>Molecular Medicine</i> , 2018, 24, 15.	4.4	8
69	The effect of food groups and nutrients on thyroid hormone levels in healthy individuals. <i>Nutrition</i> , 2021, 91-92, 111394.	2.4	8
70	Environmental Factors That Affect Parathyroid Hormone and Calcitonin Levels. <i>International Journal of Molecular Sciences</i> , 2022, 23, 44.	4.1	8
71	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, 1567-1568.	3.9	7
72	Leprosy epidemics during history increased protective allele frequency of PARK2/PACRG genes in the population of the Mljet Island, Croatia. <i>European Journal of Medical Genetics</i> , 2011, 54, e548-52.	1.3	7

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73	Expression of Neutral Glycosphingolipids in Cytokine-Stimulated Human Endothelial Cells. <i>Biochemistry (Moscow)</i> , 2004, 69, 513-519.	1.5	6
74	Genome-Wide Analysis Identifies Two Susceptibility Loci for Positive Thyroid Peroxidase and Thyroglobulin Antibodies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 944-951.	3.6	6
75	IL12RB2 Gene Is Associated with the Age of Type 1 Diabetes Onset in Croatian Family Trios. <i>PLoS ONE</i> , 2012, 7, e49133.	2.5	6
76	Glycosyltransferase B4GALNT1 and type 1 diabetes in Croatian population. <i>Clinical Biochemistry</i> , 2009, 42, 819-822.	1.9	5
77	Association of Established Thyroid-stimulating Hormone and Free Thyroxine Genetic Variants with Hashimoto's Thyroiditis. <i>Immunological Investigations</i> , 2017, 46, 625-638.	2.0	5
78	Genome-wide association meta-analysis for total thyroid hormone levels in Croatian population. <i>Journal of Human Genetics</i> , 2019, 64, 473-480.	2.3	5
79	Genetic Variants in the ST6GAL1 Gene Are Associated with Thyroglobulin Plasma Level in Healthy Individuals. <i>Thyroid</i> , 2019, 29, 886-893.	4.5	5
80	Pregnancy in Adolescent Rats, Growth and Neurodevelopment in their Offspring. <i>Archives of Physiology and Biochemistry</i> , 2001, 109, 450-456.	2.1	4
81	Complete trisomy 10p resulting from an extra stable telocentric chromosome. <i>American Journal of Medical Genetics, Part A</i> , 2012, 158A, 1778-1781.	1.2	4
82	Effects of genetic variants on serum parathyroid hormone in hyperparathyroidism and end-stage renal disease patients. <i>Medicine (United States)</i> , 2018, 97, e10834.	1.0	3
83	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.	2.5	3
84	Association of TNF promoter polymorphisms with type 1 diabetes in the South Croatian population. <i>Biological Research</i> , 2008, 41, 157-63.	3.4	3
85	Prognostic Value of B-Symptoms in Low-Grade Non-Hodgkin's Lymphomas. <i>Leukemia and Lymphoma</i> , 1994, 13, 357-358.	1.3	2
86	Immunohistochemical analysis of hepatic ganglioside distribution following a partial hepatectomy and exposure to different hyperbaric oxygen treatments. <i>Acta Histochemica</i> , 2008, 110, 66-75.	1.8	2
87	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.	2.8	2
88	Molecular Characterization of Glucose-6-phosphate Dehydrogenase Deficiency in Families from the Republic of Macedonia and Genotype-phenotype Correlation. <i>Medicinski Arhiv = Medical Archives = Archives De Médecine</i> , 2015, 69, 284.	0.9	2
89	Thyroid hormone levels are associated with metabolic components: a cross-sectional study. <i>Croatian Medical Journal</i> , 2020, 61, 230-238.	0.7	2
90	Nasal dermal sinus cysts with intracranial extension in a child mosaic for a supernumerary ring chromosome 20. <i>International Journal of Pediatric Otorhinolaryngology Extra</i> , 2012, 7, 73-78.	0.1	1

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91	Correlation of serial MRI findings and clinical outcome in the first Croatian patient with acute necrotizing encephalopathy. <i>Croatian Medical Journal</i> , 2014, 55, 431-433.	0.7	1
92	Changes of defense mechanisms and personality profile during group analytic treatment. <i>Collegium Antropologicum</i> , 2005, 29, 551-8.	0.2	1
93	Analysis of the C609T polymorphism of NQO1 gene in South Croatian patients with hematological malignancies. <i>Collegium Antropologicum</i> , 2011, 35, 385-8.	0.2	1
94	Genome-Wide Association Analysis and Genomic Prediction of Thyroglobulin Plasma Levels. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2173.	4.1	1
95	Genetics of Type 1 Diabetes. , 0, , .		0
96	Large-Scale Genomic Analyses Link Reproductive Aging to Hypothalamic Signaling, Breast Cancer Susceptibility, and BRCA1-Mediated DNA Repair. <i>Obstetrical and Gynecological Survey</i> , 2015, 70, 758-762.	0.4	0
97	Limited survivability of unbalanced progeny of carriers of a unique t(4;19)(p15.32;p13.3): a study in multiple generations. <i>Molecular Cytogenetics</i> , 2017, 10, 29.	0.9	0
98	Correction: Environmental Risk Factors for Type 1 Diabetes Mellitus Development. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2018, , .	1.2	0
99	Distinct Cerebellar Glycosphingolipid Phenotypes in Wistar and Lewis Rats. <i>Neurochemical Journal</i> , 2020, 14, 20-24.	0.5	0
100	Identification of novel genetic loci associated with thyroid function. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
101	Determinants of thyroid volume in healthy young adults of Dalmatia. <i>Periodicum Biologorum</i> , 2020, 121-122, 65-69.	0.1	0
102	Hyperbaric environment up-regulates CD15s expression on leukocytes, down-regulates CD77 expression on renal cells and up-regulates CD34 expression on pulmonary and cardiac cells in rat. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 821-828.	1.0	0