

Nicola N Pirastu

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

10,976
citations

109137

35
h-index

110170

64
g-index

74
all docs

74
docs citations

74
times ranked

23299
citing authors

#	ARTICLE	IF	CITATIONS
1	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016, 48, 1279-1283.	9.4	2,421
2	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542.	13.7	1,204
3	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154.	9.4	675
4	A General Approach for Haplotype Phasing across the Full Spectrum of Relatedness. <i>PLoS Genetics</i> , 2014, 10, e1004234.	1.5	553
5	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	9.4	549
6	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.	9.4	536
7	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011, 43, 1005-1011.	9.4	403
8	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011, 480, 201-208.	13.7	401
9	More Than Smell—COVID-19 Is Associated With Severe Impairment of Smell, Taste, and Chemesthesis. <i>Chemical Senses</i> , 2020, 45, 609-622.	1.1	375
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.	9.4	357
11	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012, 492, 369-375.	13.7	320
12	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	9.4	251
13	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals. <i>Nature Genetics</i> , 2022, 54, 437-449.	9.4	215
14	<i>KLB</i> is associated with alcohol drinking, and its gene product β -Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14372-14377.	3.3	208
15	Age- And Sex-Related Variations in Platelet Count in Italy: A Proposal of Reference Ranges Based on 40987 Subjects' Data. <i>PLoS ONE</i> , 2013, 8, e54289.	1.1	190
16	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	13.7	173
17	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. <i>PLoS Genetics</i> , 2014, 10, e1004123.	1.5	150
18	Meta-Analysis of Genome-Wide Association Studies Identifies Six New Loci for Serum Calcium Concentrations. <i>PLoS Genetics</i> , 2013, 9, e1003796.	1.5	142

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19	Exploring influences on food choice in a large population sample: The Italian Taste project. <i>Food Quality and Preference</i> , 2017, 59, 123-140.	2.3	128
20	Genetic analyses identify widespread sex-differential participation bias. <i>Nature Genetics</i> , 2021, 53, 663-671.	9.4	124
21	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017, 8, 910.	5.8	118
22	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.	3.3	110
23	Multiple Loci Are Associated with White Blood Cell Phenotypes. <i>PLoS Genetics</i> , 2011, 7, e1002113.	1.5	106
24	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	5.8	84
25	EDA2R Is Associated with Androgenetic Alopecia. <i>Journal of Investigative Dermatology</i> , 2008, 128, 2268-2270.	0.3	79
26	Evidence of Inbreeding Depression on Human Height. <i>PLoS Genetics</i> , 2012, 8, e1002655.	1.5	79
27	Hearing function and thresholds: a genome-wide association study in European isolated populations identifies new loci and pathways. <i>Journal of Medical Genetics</i> , 2011, 48, 369-374.	1.5	71
28	Food Preference Patterns in a UK Twin Cohort. <i>Twin Research and Human Genetics</i> , 2015, 18, 793-805.	0.3	64
29	Modulation of Genetic Associations with Serum Urate Levels by Body-Mass-Index in Humans. <i>PLoS ONE</i> , 2015, 10, e0119752.	1.1	64
30	GWAS for male-pattern baldness identifies 71 susceptibility loci explaining 38% of the risk. <i>Nature Communications</i> , 2017, 8, 1584.	5.8	61
31	Coffee Consumption and Kidney Function: A Mendelian Randomization Study. <i>American Journal of Kidney Diseases</i> , 2020, 75, 753-761.	2.1	56
32	Estrogen-related receptor gamma and hearing function: evidence of a role in humans and mice. <i>Neurobiology of Aging</i> , 2013, 34, 2077.e1-2077.e9.	1.5	53
33	Genetics of Food Preferences: A First View from Silk Road Populations. <i>Journal of Food Science</i> , 2012, 77, S413-8.	1.5	45
34	Association Analysis of Bitter Receptor Genes in Five Isolated Populations Identifies a Significant Correlation between TAS2R43 Variants and Coffee Liking. <i>PLoS ONE</i> , 2014, 9, e92065.	1.1	41
35	Understanding the role of personality and alexithymia in food preferences and PROP taste perception. <i>Physiology and Behavior</i> , 2016, 157, 72-78.	1.0	37
36	A Population-Based Approach to Study the Impact of PROP Perception on Food Liking in Populations along the Silk Road. <i>PLoS ONE</i> , 2014, 9, e91716.	1.1	34

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37	Genome-wide meta-analysis of common variant differences between men and women. <i>Human Molecular Genetics</i> , 2012, 21, 4805-4815.	1.4	33
38	High Differentiation among Eight Villages in a Secluded Area of Sardinia Revealed by Genome-Wide High Density SNPs Analysis. <i>PLoS ONE</i> , 2009, 4, e4654.	1.1	30
39	Salt-inducible kinase 3, SIK3, is a new gene associated with hearing. <i>Human Molecular Genetics</i> , 2014, 23, 6407-6418.	1.4	30
40	Multicohort analysis of the maternal age effect on recombination. <i>Nature Communications</i> , 2015, 6, 7846.	5.8	29
41	Polymorphisms in sweet taste genes (TAS1R2 and GLUT2), sweet liking, and dental caries prevalence in an adult Italian population. <i>Genes and Nutrition</i> , 2015, 10, 485.	1.2	25
42	Non-additive genome-wide association scan reveals a new gene associated with habitual coffee consumption. <i>Scientific Reports</i> , 2016, 6, 31590.	1.6	25
43	Genetic landscape of populations along the Silk Road: admixture and migration patterns. <i>BMC Genetics</i> , 2014, 15, 131.	2.7	24
44	A Genome-Wide Association Study in isolated populations reveals new genes associated to common food likings. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2016, 17, 209-219.	2.6	22
45	Large-scale GWAS of food liking reveals genetic determinants and genetic correlations with distinct neurophysiological traits. <i>Nature Communications</i> , 2022, 13, 2743.	5.8	22
46	<i><sc>LTF</sc></i> and <i><sc>DEFB</sc>1</i> polymorphisms are associated with susceptibility toward chronic periodontitis development. <i>Oral Diseases</i> , 2017, 23, 1001-1008.	1.5	21
47	Caffeine metabolism rate influences coffee perception, preferences and intake. <i>Food Quality and Preference</i> , 2016, 53, 97-104.	2.3	20
48	Genetic Landscape of the ACE2 Coronavirus Receptor. <i>Circulation</i> , 2022, 145, 1398-1411.	1.6	20
49	Caries and Innate Immunity: <i><sc>DEFB</sc>1</i> Gene Polymorphisms and Caries Susceptibility in Genetic Isolates from North-Eastern Italy. <i>Caries Research</i> , 2016, 50, 589-594.	0.9	19
50	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022, 5, .	2.0	17
51	Frequency of hearing loss in a series of rural communities of five developing countries located along the Silk Road. <i>Audiological Medicine</i> , 2011, 9, 135-140.	0.4	15
52	Exome analysis of HIV patients submitted to dendritic cells therapeutic vaccine reveals an association of <i><sc>CNOT1</sc></i> gene with response to the treatment. <i>Journal of the International AIDS Society</i> , 2014, 17, 18938.	1.2	15
53	A genome-wide association study identifies an association between variants in <i><sc>EFCAB</sc>4B</i> gene and periodontal disease in an Italian isolated population. <i>Journal of Periodontal Research</i> , 2018, 53, 992-998.	1.4	15
54	Patterns of Linkage Disequilibrium between SNPs in a Sardinian Population Isolate and the Selection of Markers for Association Studies. <i>Human Heredity</i> , 2008, 65, 9-22.	0.4	14

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55	Genome-wide association analysis on five isolated populations identifies variants of the HLA-DOA gene associated with white wine liking. <i>European Journal of Human Genetics</i> , 2015, 23, 1717-1722.	1.4	12
56	Using genetic variation to disentangle the complex relationship between food intake and health outcomes. <i>PLoS Genetics</i> , 2022, 18, e1010162.	1.5	12
57	Genome Wide Association Analysis of a Founder Population Identified TAF3 as a Gene for MCHC in Humans. <i>PLoS ONE</i> , 2013, 8, e69206.	1.1	9
58	Microsatellites and SNPs linkage analysis in a Sardinian genetic isolate confirms several essential hypertension loci previously identified in different populations. <i>BMC Medical Genetics</i> , 2009, 10, 81.	2.1	8
59	A strategy analysis for genetic association studies with known inbreeding. <i>BMC Genetics</i> , 2011, 12, 63.	2.7	8
60	Mendelian Randomization Identifies the Potential Causal Impact of Dietary Patterns on Circulating Blood Metabolites. <i>Frontiers in Genetics</i> , 2021, 12, 738265.	1.1	5
61	A novel mutation in the vWFA2 domain of the COCH gene in an Italian DFNA9 family. <i>Audiological Medicine</i> , 2011, 9, 4-7.	0.4	3
62	Genome-wide Association Study of Liking for Several Types of Physical Activity in the UK Biobank and Two Replication Cohorts. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 1252-1260.	0.2	3
63	Uncovering the genetic basis for food preferences: the key to personalized nutrition plans?. <i>Personalized Medicine</i> , 2015, 12, 315-317.	0.8	0
64	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.	0.2	0
65	Reply to "Misestimation of heritability and prediction accuracy of male-pattern baldness". <i>Nature Communications</i> , 2018, 9, 2538.	5.8	0