Esteban J Parra

List of Publications by Year
in descending order

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Version: 2024-02-01

87 papers	8,752 citations	70961 41 h-index	51492 86 g-index
92 all docs	92 docs citations	92 times ranked	12629 citing authors

#	Article	IF	Citations
1	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	9.4	959
2	SLC24A5, a Putative Cation Exchanger, Affects Pigmentation in Zebrafish and Humans. Science, 2005, 310, 1782-1786.	6.0	925
3	Estimating African American Admixture Proportions by Use of Population-Specific Alleles. American Journal of Human Genetics, 1998, 63, 1839-1851.	2.6	718
4	Identifying Signatures of Natural Selection in Tibetan and Andean Populations Using Dense Genome Scan Data. PLoS Genetics, 2010, 6, e1001116.	1.5	508
5	Skin pigmentation, biogeographical ancestry and admixture mapping. Human Genetics, 2003, 112, 387-399.	1.8	458
6	Control of Confounding of Genetic Associations in Stratified Populations. American Journal of Human Genetics, 2003, 72, 1492-1504.	2.6	456
7	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	13.7	353
8	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	9.4	250
9	The genomic distribution of population substructure in four populations using 8,525 autosomal SNPs. Human Genomics, 2004, 1, 274.	1.4	214
10	A Genomewide Admixture Mapping Panel for Hispanic/Latino Populations. American Journal of Human Genetics, 2007, 80, 1171-1178.	2.6	206
11	Identifying positive selection candidate loci for high-altitude adaptation in Andean populations. Human Genomics, 2009, 4, 79-90.	1.4	195
12	Comparison of narrow-band reflectance spectroscopy and tristimulus colorimetry for measurements of skin and hair color in persons of different biological ancestry. , 2000, 112, 17-27.		159
13	Human pigmentation variation: Evolution, genetic basis, and implications for public health. American Journal of Physical Anthropology, 2007, 134, 85-105.	2.1	147
14	The Timing of Pigmentation Lightening in Europeans. Molecular Biology and Evolution, 2013, 30, 24-35.	3.5	131
15	Ancestral proportions and their association with skin pigmentation and bone mineral density in Puerto Rican women from New York city. Human Genetics, 2004, 115, 57-68.	1.8	127
16	The 8818G allele of the agouti signaling protein (ASIP) gene is ancestral and is associated with darker skin color in African Americans. Human Genetics, 2005, 116, 402-406.	1.8	126
17	Admixture in Mexico City: implications for admixture mapping of Type 2 diabetes genetic risk factors. Human Genetics, 2007, 120, 807-819.	1.8	124
18	Large-scale SNP analysis reveals clustered and continuous patterns of human genetic variation. Human Genomics, 2005, 2, 81-9.	1.4	122

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19	Genome-wide association study of type 2 diabetes in a sample from Mexico City and a meta-analysis of a Mexican-American sample from Starr County, Texas. Diabetologia, 2011, 54, 2038-2046.	2.9	114
20	Association of the OCA2 Polymorphism His615Arg with Melanin Content in East Asian Populations: Further Evidence of Convergent Evolution of Skin Pigmentation. PLoS Genetics, 2010, 6, e1000867.	1.5	113
21	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. Nature Communications, 2019, 10, 29.	5.8	113
22	Candidate gene association study conditioning on individual ancestry in patients with type 2 diabetes and metabolic syndrome from Mexico City. Diabetes/Metabolism Research and Reviews, 2010, 26, 261-270.	1.7	98
23	Low wintertime vitamin D levels in a sample of healthy young adults of diverse ancestry living in the Toronto area: associations with vitamin D intake and skin pigmentation. BMC Public Health, 2008, 8, 336.	1.2	89
24	Association of vitamin D binding protein (VDBP) polymorphisms and serum 25(OH)D concentrations in a sample of young Canadian adults of different ancestry. Journal of Steroid Biochemistry and Molecular Biology, 2011, 127, 405-412.	1.2	87
25	Cross-Tissue and Tissue-Specific eQTLs: Partitioning the Heritability of a Complex Trait. American Journal of Human Genetics, 2014, 95, 521-534.	2.6	82
26	Comparing Quantitative Measures of Erythema, Pigmentation and Skin Response using Reflectometry. Pigment Cell & Melanoma Research, 2002, 15, 379-384.	4.0	78
27	Worldwide allele frequency distribution of four polymorphisms associated with warfarin dose requirements. Journal of Human Genetics, 2010, 55, 582-589.	1.1	78
28	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338.	1.4	76
29	Ancestry explains the blunted ventilatory response to sustained hypoxia and lower exercise ventilation of Quechua altitude natives. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R225-R234.	0.9	71
30	Characterization of Admixture in an Urban Sample from Buenos Aires, Argentina, Using Uniparentally and Biparentally Inherited Genetic Markers. Human Biology, 2004, 76, 543-557.	0.4	69
31	Skin Responses to Ultraviolet Radiation: Effects of Constitutive Pigmentation, Sex, and Ancestry. Pigment Cell & Melanoma Research, 2002, 15, 385-390.	4.0	68
32	Admixture analysis of a rural population of the state of Guerrero, Mexico. American Journal of Physical Anthropology, 2005, 128, 861-869.	2.1	68
33	Exploring the Distribution of Genetic Markers of Pharmacogenomics Relevance in Brazilian and Mexican Populations. PLoS ONE, 2014, 9, e112640.	1.1	67
34	Meta-analysis of lipid-traits in Hispanics identifies novel loci, population-specific effects and tissue-specific enrichment of eQTLs. Scientific Reports, 2016, 6, 19429.	1.6	63
35	Angiotensin-Converting Enzyme Genotype and Arterial Oxygen Saturation at High Altitude in Peruvian Quechua. High Altitude Medicine and Biology, 2008, 9, 167-178.	0.5	62
36	What makes a champion?. Respiratory Physiology and Neurobiology, 2006, 151, 109-123.	0.7	57

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37	Cuba: Exploring the History of Admixture and the Genetic Basis of Pigmentation Using Autosomal and Uniparental Markers. PLoS Genetics, 2014, 10, e1004488.	1.5	57
38	Serum 25-Hydroxyvitamin D Concentrations Fluctuate Seasonally in Young Adults of Diverse Ancestry Living in Toronto. Journal of Nutrition, 2010, 140, 2213-2220.	1.3	56
39	Genomic Ancestry, Self-Reported â€œColorâ€•and Quantitative Measures of Skin Pigmentation in Brazilian Admixed Siblings. PLoS ONE, 2011, 6, e27162.	1.1	55
40	Spanish genetic admixture is associated with larger VÌ‡<scp>o</scp>_{2 max}decrement from sea level to 4,338 m in Peruvian Quechua. Journal of Applied Physiology, 2003, 95, 519-528.	1.2	54
41	Exploring signatures of positive selection in pigmentation candidate genes in populations of East Asian ancestry. BMC Evolutionary Biology, 2013, 13, 150.	3.2	54
42	The development and evaluation of a food frequency questionnaire used in assessing vitamin D intake in a sample of healthy young Canadian adults of diverse ancestry. Nutrition Research, 2009, 29, 255-261.	1.3	47
43	Shades of complexity: New perspectives on the evolution and genetic architecture of human skin. American Journal of Physical Anthropology, 2019, 168, 4-26.	2.1	45
44	Ancestry informative markers and admixture proportions in northeastern Mexico. Journal of Human Genetics, 2009, 54, 504-509.	1.1	40
45	Iris pigmentation as a quantitative trait: variation in populations of European, East Asian and South Asian ancestry and association with candidate gene polymorphisms. Pigment Cell and Melanoma Research, 2016, 29, 141-162.	1.5	34
46	Association study confirms the role of two OCA2 polymorphisms in normal skin pigmentation variation in <scp>E</scp>ast <scp>A</scp>sian populations. American Journal of Human Biology, 2015, 27, 520-525.	0.8	32
47	Meta-analysis of GWA studies provides new insights on the genetic architecture of skin pigmentation in recently admixed populations. BMC Genetics, 2019, 20, 59.	2.7	32
48	Exploring Cubaâ€™s population structure and demographic history using genome-wide data. Scientific Reports, 2018, 8, 11422.	1.6	31
49	Genome-wide association study of warfarin maintenance dose in a Brazilian sample. Pharmacogenomics, 2015, 16, 1253-1263.	0.6	29
50	Melting curve SNP (McSNP) genotyping: a useful approach for diallelic genotyping in forensic science. Journal of Forensic Sciences, 2002, 47, 593-600.	0.9	29
51	The Admixture Structure and Genetic Variation of the Archipelago of Cape Verde and Its Implications for Admixture Mapping Studies. PLoS ONE, 2012, 7, e51103.	1.1	28
52	Visual ecology of true lemurs suggests a cathemeral origin for the primate cone opsin polymorphism. Functional Ecology, 2016, 30, 932-942.	1.7	27
53	Association of polymorphisms within the transforming growth factorâ€Î²1 gene with diabetic nephropathy and serum cholesterol and triglyceride concentrations. Nephrology, 2010, 15, 644-648.	0.7	26
54	Genome-wide association study of pigmentary traits (skin and iris color) in individuals of East Asian ancestry. PeerJ, 2017, 5, e3951.	0.9	26

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55	Analysis of iris surface features in populations of diverse ancestry. Royal Society Open Science, 2016, 3, 150424.	1.1	24
56	Population Diversity in Pharmacogenetics: A Latin American Perspective. Advances in Pharmacology, 2018, 83, 133-154.	1.2	24
57	Allele frequency distribution of CYP2C9*2 and CYP2C9*3 polymorphisms in six Mexican populations. Gene, 2013, 523, 167-172.	1.0	23
58	SOD2gene Val16Ala polymorphism is associated with macroalbuminuria in Mexican Type 2 Diabetes patients: a comparative study and meta-analysis. BMC Medical Genetics, 2013, 14, 110.	2.1	23
59	Quantitative assessment of skin, hair, and iris variation in a diverse sample of individuals and associated genetic variation. American Journal of Physical Anthropology, 2016, 160, 570-581.	2.1	23
60	Technical note: Quantitative measures of iris color using high resolution photographs. American Journal of Physical Anthropology, 2012, 147, 141-149.	2.1	21
61	Polymorphisms in the LPL and CETP Genes and Haplotype in the ESR1 Gene Are Associated with Metabolic Syndrome in Women from Southwestern Mexico. International Journal of Molecular Sciences, 2015, 16, 21539-21554.	1.8	19
62	Association of Î²1 and Î²3 adrenergic receptors gene polymorphisms with insulin resistance and high lipid profiles related to type 2 diabetes and metabolic syndrome. Nutricion Hospitalaria, 2014, 29, 1327-34.	0.2	17
63	Vitamin D status of older adults of diverse ancestry living in the greater Toronto area. BMC Geriatrics, 2013, 13, 66.	1.1	16
64	Fine-mapping of 98 obesity loci in Mexican children. International Journal of Obesity, 2019, 43, 23-32.	1.6	16
65	Admixture mapping in two Mexican samples identifies significant associations of locus ancestry with triglyceride levels in the BUD13/ZNF259/APOA5 region and fine mapping points to rs964184 as the main driver of the association signal. PLoS ONE, 2017, 12, e0172880.	1.1	16
66	Evaluation of fall Sun Exposure Score in predicting vitamin D status in young Canadian adults, and the influence of ancestry. Journal of Photochemistry and Photobiology B: Biology, 2015, 145, 25-29.	1.7	15
67	Finding the Genes Underlying Adaptation to Hypoxia Using Genomic Scans for Genetic Adaptation and Admixture Mapping. Advances in Experimental Medicine and Biology, 2006, 588, 89-100.	0.8	12
68	Functionally oriented analysis of cardiometabolic traits in a trans-ethnic sample. Human Molecular Genetics, 2019, 28, 1212-1224.	1.4	12
69	Insights on hair, skin and eye color of ancient and contemporary Native Americans. Forensic Science International: Genetics, 2020, 48, 102335.	1.6	12
70	Distribution of two OCA2 polymorphisms associated with pigmentation in East-Asian populations. Human Genome Variation, 2015, 2, 15058.	0.4	11
71	A large Canadian cohort provides insights into the genetic architecture of human hair colour. Communications Biology, 2021, 4, 1253.	2.0	11
72	Genome-Wide Studies of Type 2 Diabetes and Lipid Traits in Hispanics. Current Diabetes Reports, 2016, 16, 41.	1.7	10

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73	Characterization of Large Copy Number Variation in Mexican Type 2 Diabetes subjects. Scientific Reports, 2017, 7, 17105.	1.6	10
74	Evaluation of the imputation performance of the program IMPUTE in an admixed sample from Mexico City using several model designs. BMC Medical Genomics, 2012, 5, 12.	0.7	9
75	Single nucleotide polymorphism coverage and inference of N-acetyltransferase-2 acetylator phenotypes in wordwide population groups. Pharmacogenetics and Genomics, 2016, 26, 363-369.	0.7	9
76	Novel insights on demographic history of tribal and caste groups from West Maharashtra (India) using genome-wide data. Scientific Reports, 2020, 10, 10075.	1.6	9
77	Nature versus Nurture in Determining Athletic Ability. Medicine and Sport Science, 2009, 54, 11-27.	1.4	8
78	JBASE: Joint Bayesian Analysis of Subphenotypes and Epistasis. Bioinformatics, 2016, 32, 203-210.	1.8	8
79	Applicability of the SNPforID 52-plex panel for human identification and ancestry evaluation in a Brazilian population sample by next-generation sequencing. Forensic Science International: Genetics, 2019, 40, 201-209.	1.6	8
80	Quantitative measurement of odor detection thresholds using an air dilution olfactometer, and association with genetic variants in a sample of diverse ancestry. PeerJ, 2014, 2, e643.	0.9	7
81	Association of rs2000999 in the haptoglobin gene with total cholesterol, HDL-C, and LDL-C levels in Mexican type 2 diabetes patients. Medicine (United States), 2019, 98, e17298.	0.4	7
82	Identification of ancestry proportions in admixed groups across the Americas using clinical pharmacogenomic SNP panels. Scientific Reports, 2021, 11, 1007.	1.6	5
83	Predictors of 25-Hydroxyvitamin D Concentration Measured at Multiple Time Points in a Multiethnic Population. American Journal of Epidemiology, 2017, 186, 1180-1193.	1.6	4
84	Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traitsâ€"The Hispanic/Latino Anthropometry Consortium. Human Genetics and Genomics Advances, 2022, 3, 100099.	1.0	3
85	EvoluciÃ³n de la pigmentaciÃ³n en la especie humana. Piel, 2011, 26, 66-79.	0.0	2
86	Demographic history and human genetic diversity: pharmacogenomic implications. Pharmacogenomics, 2014, 15, 253-256.	0.6	2
87	Investigating the genetic architecture of eye colour in a Canadian cohort. IScience, 2022, 25, 104485.	1.9	2