

# Maria Pino-Yanes

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

3,656  
citations

196777

29  
h-index

175968

55  
g-index

116  
all docs

116  
docs citations

116  
times ranked

8357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenome-wide association study of lung function in Latino children and youth with asthma. <i>Clinical Epigenetics</i> , 2022, 14, 9.	1.8	12
2	Multomics analysis identifies BIRC3 as a novel glucocorticoid response-associated gene. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1981-1991.	1.5	6
3	Integrative Omics Study Identifies Epigenetic Markers Associated with Bronchodilator Drug Response in Pediatric Asthma. , 2022, , .		0
4	Analysis of Metabolites in Exhaled Breath for the Phenotyping of Eosinophilic Asthma in Children. , 2022, , .		0
5	Gut and Serum Metabotypes Are Linked to Uncontrolled Asthma in Children from the SysPharmPediA Study. , 2022, , .		0
6	A genome-wide association study of severe asthma exacerbations in Latino children and adolescents. <i>European Respiratory Journal</i> , 2021, 57, 2002693.	3.1	15
7	A deoxyribonuclease 1-like 3 genetic variant associates with asthma exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1095-1097.e10.	1.5	3
8	Combined analysis of transcriptomic and genetic data for the identification of loci involved in glucocorticosteroid response in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1238-1243.	2.7	11
9	A genome-wide study of DNA methylation in white blood cells and asthma in Latino children and youth. <i>Epigenetics</i> , 2021, 16, 577-585.	1.3	10
10	A genome-wide association study of asthma hospitalizations in adults. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 933-940.	1.5	23
11	Genome-wide association study reveals a novel locus for asthma with severe exacerbations in diverse populations. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 106-115.	1.1	17
12	Genome-wide association studies of exacerbations in children using long-acting beta2-agonists. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1197-1207.	1.1	13
13	A System Pharmacology Multi-Omics Approach toward Uncontrolled Pediatric Asthma. <i>Journal of Personalized Medicine</i> , 2021, 11, 484.	1.1	11
14	<i>ADRB2</i> haplotypes and asthma exacerbations in children and young adults: An individual participant data meta-analysis. <i>Clinical and Experimental Allergy</i> , 2021, 51, 1157-1171.	1.4	6
15	Identification of ROBO2 as a Potential Locus Associated with Inhaled Corticosteroid Response in Childhood Asthma. <i>Journal of Personalized Medicine</i> , 2021, 11, 733.	1.1	6
16	LTA4H rs2660845 association with montelukast response in early and late-onset asthma. <i>PLoS ONE</i> , 2021, 16, e0257396.	1.1	6
17	Genome-wide association study of asthma exacerbations despite inhaled corticosteroid use. <i>European Respiratory Journal</i> , 2021, 57, 2003388.	3.1	17
18	Role of Sex on the Genetic Susceptibility to Childhood Asthma in Latinos and African Americans. <i>Journal of Personalized Medicine</i> , 2021, 11, 1140.	1.1	7

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19	Pharmacogenetic studies of long-acting beta agonist and inhaled corticosteroid responsiveness in randomised controlled trials of individuals of African descent with asthma. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 862-872.	2.7	10
20	<i>IL1RL1</i> gene variations are associated with asthma exacerbations in children and adolescents using inhaled corticosteroids. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 984-989.	2.7	14
21	Association of Leukotriene Modifier Use and Bronchodilator Response in Puerto Rican and Mexican American Children with Asthma. , 2020, , .		0
22	The Genomics and Metagenomics of Asthma Severity (GEMAS) Study: Rationale and Design. <i>Journal of Personalized Medicine</i> , 2020, 10, 123.	1.1	7
23	Strengths and weaknesses of the diagnostic tests for SARS-CoV-2 infection. <i>Medicina Clínica (English)</i> Tj ETQq1 1 0,784314,0gBT /Ower	0.1	0
24	Virtudes y dificultades en los test diagnÃ³sticos de la infecciÃ³n por el SARS-CoV-2. <i>Medicina Clínica</i> , 2020, 155, 464-465.	0.3	2
25	Admixture mapping of asthma in southwestern Europeans with North African ancestry influences. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L965-L975.	1.3	8
26	&lt;p&gt;Pharmacogenetics of Pediatric Asthma: Current Perspectives&lt;/p&gt;. <i>Pharmacogenomics and Personalized Medicine</i> , 2020, Volume 13, 89-103.	0.4	12
27	Precision Medicine in Childhood Asthma: Omic Studies of Treatment Response. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2908.	1.8	7
28	The burden of severe asthma in children and youths in Europe. , 2020, , .		0
29	Role of genomics in asthma exacerbations. <i>Current Opinion in Pulmonary Medicine</i> , 2019, 25, 101-112.	1.2	17
30	Meta-analysis of GWA studies provides new insights on the genetic architecture of skin pigmentation in recently admixed populations. <i>BMC Genetics</i> , 2019, 20, 59.	2.7	32
31	Bacterial salivary microbiome associates with asthma among african american children and young adults. <i>Pediatric Pulmonology</i> , 2019, 54, 1948-1956.	1.0	26
32	Investigating the Influence of Inhaled Corticosteroid Use on Bronchodilator Response in Latino Children with Asthma. , 2019, , .		0
33	Genome-wide association study of inhaled corticosteroid response in admixed children with asthma. <i>Clinical and Experimental Allergy</i> , 2019, 49, 789-798.	1.4	50
34	Racial/Ethnic-specific Differences in the Effects of Inhaled Corticosteroid Use on Bronchodilator Response in Patients With Asthma. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 1133-1140.	2.3	17
35	Admixture Mapping of Asthma in Canary Islanders (Spain) Identifies a New Susceptibility Locus in Cadherin 13 Gene. , 2019, , .		0
36	Genomic Predictors of Asthma Phenotypes and Treatment Response. <i>Frontiers in Pediatrics</i> , 2019, 7, 6.	0.9	61

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37	Association study in African-admixed populations across the Americas recapitulates asthma risk loci in non-African populations. <i>Nature Communications</i> , 2019, 10, 880.	5.8	71
38	PRKCH and Severe Asthma Exacerbations in Latino Children. , 2019, , .		0
39	A genome-wide association and admixture mapping study of bronchodilator drug response in African Americans with asthma. <i>Pharmacogenomics Journal</i> , 2019, 19, 249-259.	0.9	54
40	Novel locus for atopic dermatitis in African Americans and replication in European Americans. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1229-1231.	1.5	7
41	Integrative approach identifies corticosteroid response variant in diverse populations with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1791-1802.	1.5	33
42	An admixture mapping meta-analysis implicates genetic variation at 18q21 with asthma susceptibility in Latinos. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 957-969.	1.5	33
43	Meta-analysis of inhaled corticosteroids response in children with asthma. , 2019, , .		1
44	Replication study of asthma exacerbation genes in Latino children and youth. , 2019, , .		0
45	A polymorphism in DNASE1L3 is associated with severe asthma exacerbations in two-high risk populations for asthma. , 2019, , .		0
46	ADRB2 haplotypes and risk of exacerbations in asthmatic children and young adults treated with long-acting Å2-agonists: A meta-analysis in the PiCA consortium. , 2019, , .		1
47	Whole-Genome Sequencing of Pharmacogenetic Drug Response in Racially Diverse Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1552-1564.	2.5	102
48	A vascular endothelial growth factor receptor gene variant is associated with susceptibility to acute respiratory distress syndrome. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 16.	0.9	9
49	Optimized distributed systems achieve significant performance improvement on sorted merging of massive VCF files. <i>GigaScience</i> , 2018, 7, .	3.3	4
50	Variants in genes coding for glutathione S-transferases and asthma outcomes in children. <i>Pharmacogenomics</i> , 2018, 19, 707-713.	0.6	10
51	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , 2018, 50, 1072-1080.	9.4	106
52	17q21 variant increases the risk of exacerbations in asthmatic children despite inhaled corticosteroids use. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2083-2088.	2.7	22
53	An epigenome-wide association study of total serum IgE in Hispanic children. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 571-577.	1.5	53
54	A pathway-based association study reveals variants from Wnt signalling genes contributing to asthma susceptibility. <i>Clinical and Experimental Allergy</i> , 2017, 47, 618-626.	1.4	29

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55	Suggestive association between variants in IL1RAPL and asthma symptoms in Latin American children. <i>European Journal of Human Genetics</i> , 2017, 25, 439-445.	1.4	14
56	A meta-analysis of genome-wide association studies of asthma in Puerto Ricans. <i>European Respiratory Journal</i> , 2017, 49, 1601505.	3.1	51
57	Identification of a novel locus associated with skin colour in African-admixed populations. <i>Scientific Reports</i> , 2017, 7, 44548.	1.6	31
58	Breastfeeding associated with higher lung function in African American youths with asthma. <i>Journal of Asthma</i> , 2017, 54, 856-865.	0.9	7
59	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. <i>Pharmacogenomics</i> , 2017, 18, 931-943.	0.6	30
60	Differential methylation between ethnic sub-groups reflects the effect of genetic ancestry and environmental exposures. <i>ELife</i> , 2017, 6, .	2.8	153
61	Genome-wide association study of inhaled corticosteroid response in African-admixed children with asthma. , 2017, , .		0
62	Genome-wide association study of asthma exacerbations in European children treated with inhaled corticosteroids. , 2017, , .		0
63	Genome-wide association study of asthma symptoms despite inhaled corticosteroids use in Dutch children. , 2017, , .		0
64	Genome-wide association study in Spanish identifies ADAM metalloproteinase with thrombospondin type 1 motif, 9 (ADAMTS9), as a novel asthma susceptibility gene. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 964-966.	1.5	15
65	What Ancestry Can Tell Us About the Genetic Origins of Inter-Ethnic Differences in Asthma Expression. <i>Current Allergy and Asthma Reports</i> , 2016, 16, 53.	2.4	21
66	A continuum of admixture in the Western Hemisphere revealed by the African Diaspora genome. <i>Nature Communications</i> , 2016, 7, 12522.	5.8	136
67	Early-life ozone exposure associated with asthma without sensitization in Latino children. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1703-1706.e1.	1.5	16
68	Novel genetic risk factors for asthma in African American children: Precision Medicine and the SAGE II Study. <i>Immunogenetics</i> , 2016, 68, 391-400.	1.2	61
69	Genetic Variants of Thymic Stromal Lymphopoietin in Nonsteroidal Anti-Inflammatory Drug-Induced Urticaria/Angioedema. <i>International Archives of Allergy and Immunology</i> , 2016, 169, 249-255.	0.9	7
70	Air Pollution and Lung Function in Minority Youth with Asthma in the GALA II (Genes&quot;Environments) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	54
71	Childhood asthma exacerbations and the Arg16 Î²2-receptor polymorphism: A meta-analysis stratified by treatment. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 107-113.e5.	1.5	80
72	Association of a PAI-1 Gene Polymorphism and Early Life Infections with Asthma Risk, Exacerbations, and Reduced Lung Function. <i>PLoS ONE</i> , 2016, 11, e0157848.	1.1	5

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73	Defining uncontrolled childhood asthma in the global PiCA consortium. , 2016, , .		0
74	Risk for asthma exacerbations in association with variations in the genes coding for the glutathione S-transferase family. , 2016, , .		0
75	A genome-wide association study of asthma symptoms in Latin American children. BMC Genetics, 2015, 16, 141.	2.7	24
76	Common variants of NFE2L2 gene predisposes to acute respiratory distress syndrome in patients with severe sepsis. Critical Care, 2015, 19, 256.	2.5	17
77	Diversity in Clinical and Biomedical Research: A Promise Yet to Be Fulfilled. PLoS Medicine, 2015, 12, e1001918.	3.9	424
78	<i>ST13</i> polymorphisms and their effect on exacerbations in steroidâ€treated asthmatic children and young adults. Clinical and Experimental Allergy, 2015, 45, 1051-1059.	1.4	19
79	Genome-wide association study and admixture mapping reveal new loci associated with total IgE levels in Latinos. Journal of Allergy and Clinical Immunology, 2015, 135, 1502-1510.	1.5	52
80	Stress and Bronchodilator Response in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 47-56.	2.5	99
81	Fine mapping of the myosin light chain kinase (MYLK) gene replicates the association with asthma in populations of Spanish descent. Journal of Allergy and Clinical Immunology, 2015, 136, 1116-1118.e9.	1.5	8
82	Genetic ancestry influences asthma susceptibility and lung function among Latinos. Journal of Allergy and Clinical Immunology, 2015, 135, 228-235.	1.5	113
83	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. Nature Genetics, 2015, 47, 1449-1456.	9.4	529
84	Genetic and socioeconomic study of mate choice in Latinos reveals novel assortment patterns. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13621-13626.	3.3	41
85	Ethnic-specific associations of rare and low-frequency DNA sequence variants with asthma. Nature Communications, 2015, 6, 5965.	5.8	66
86	A Genome-Wide Association Study of Post-bronchodilator Lung Function in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 634-637.	2.5	16
87	Lung Transcriptomics during Protective Ventilatory Support in Sepsis-Induced Acute Lung Injury. PLoS ONE, 2015, 10, e0132296.	1.1	20
88	Assessing the quality of studies supporting genetic susceptibility and outcomes of ARDS. Frontiers in Genetics, 2014, 5, 20.	1.1	22
89	Genome-wide interaction studies reveal sex-specific asthma risk alleles. Human Molecular Genetics, 2014, 23, 5251-5259.	1.4	70
90	HLA-DRB1*15:01 allele protects from asthma susceptibility. Journal of Allergy and Clinical Immunology, 2014, 134, 1201-1203.	1.5	9

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91	Integrated genome-wide association, coexpression network, and expression single nucleotide polymorphism analysis identifies novel pathway in allergic rhinitis. <i>BMC Medical Genomics</i> , 2014, 7, 48.	0.7	63
92	Simultaneous Purifying Selection on the Ancestral MC1R Allele and Positive Selection on the Melanoma-Risk Allele V60L in South Europeans. <i>Molecular Biology and Evolution</i> , 2013, 30, 2654-2665.	3.5	30
93	Functional promoter variants in sphingosine 1-phosphate receptor 3 associate with susceptibility to sepsis-associated acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L467-L477.	1.3	43
94	Assessing the Validity of Asthma Associations for Eight Candidate Genes and Age at Diagnosis Effects. <i>PLoS ONE</i> , 2013, 8, e73157.	1.1	13
95	Re-Assessing The Associations Of Eight Candidate Genes With Asthma By Exploring The Age-At-Diagnosis Varying Effects. , 2012, , .		0
96	No association between genetic ancestry and susceptibility to asthma or atopy in Canary Islanders. <i>Immunogenetics</i> , 2012, 64, 705-711.	1.2	2
97	IL-1 receptor-associated kinase 3 gene (IRAK3) variants associate with asthma in a replication study in the Spanish population. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 573-575.e10.	1.5	22
98	African Ancestry Is Associated with Asthma Risk in African Americans. <i>PLoS ONE</i> , 2012, 7, e26807.	1.1	60
99	Type 2 Deiodinase and Host Responses of Sepsis and Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 1203-1211.	1.4	60
100	Interleukin-1 Receptor-associated Kinase 3 Gene Associates with Susceptibility to Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 740-745.	1.4	27
101	North African Influences and Potential Bias in Case-Control Association Studies in the Spanish Population. <i>PLoS ONE</i> , 2011, 6, e18389.	1.1	25
102	Functional variants of the sphingosine-1-phosphate receptor 1 gene associate with asthma susceptibility. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 241-249.e3.	1.5	38
103	Common Variants of TLR1 Associate with Organ Dysfunction and Sustained Pro-Inflammatory Responses during Sepsis. <i>PLoS ONE</i> , 2010, 5, e13759.	1.1	39
104	A quality assessment of genetic association studies supporting susceptibility and outcome in acute lung injury. <i>Critical Care</i> , 2008, 12, R130.	2.5	38
105	Novel insights into the biological pathways involved in severe asthma. <i>Respirology</i> , 0, , .	1.3	0