

# Lydiana Avila

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

4,758  
citations

126708

33  
h-index

149479

56  
g-index

61  
all docs

61  
docs citations

61  
times ranked

7015  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. <i>Nature Genetics</i> , 2011, 43, 887-892.	9.4	736
2	Serum Vitamin D Levels and Markers of Severity of Childhood Asthma in Costa Rica. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 765-771.	2.5	548
3	<i>MMP12</i> , Lung Function, and COPD in High-Risk Populations. <i>New England Journal of Medicine</i> , 2009, 361, 2599-2608.	13.9	315
4	Genome-wide Association Analysis Identifies PDE4D as an Asthma-Susceptibility Gene. <i>American Journal of Human Genetics</i> , 2009, 84, 581-593.	2.6	296
5	Allele-Specific Chromatin Remodeling in the ZBP2/GSDMB/ORMDL3 Locus Associated with the Risk of Asthma and Autoimmune Disease. <i>American Journal of Human Genetics</i> , 2009, 85, 377-393.	2.6	262
6	High titers of IgE antibody to dust mite allergen and risk for wheezing among asthmatic children infected with rhinovirus. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1499-1505.e5.	1.5	171
7	Sensitization to <i>Ascaris lumbricoides</i> and severity of childhood asthma in Costa Rica. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 654-661.	1.5	140
8	The Association of a SNP Upstream of INSIG2 with Body Mass Index is Reproduced in Several but Not All Cohorts. <i>PLoS Genetics</i> , 2007, 3, e61.	1.5	134
9	On the Replication of Genetic Associations: Timing Can Be Everything!. <i>American Journal of Human Genetics</i> , 2008, 82, 849-858.	2.6	130
10	<i>TSLP</i> polymorphisms are associated with asthma in a sex-specific fashion. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2010, 65, 1566-1575.	2.7	112
11	Polymorphisms in IL13, total IgE, eosinophilia, and asthma exacerbations in childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 84-90.	1.5	105
12	Stress and Bronchodilator Response in Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 47-56.	2.5	99
13	A Role for Wnt Signaling Genes in the Pathogenesis of Impaired Lung Function in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 328-336.	2.5	94
14	Comprehensive Testing of Positionally Cloned Asthma Genes in Two Populations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 849-857.	2.5	82
15	Sex-specific linkage to total serum immunoglobulin E in families of children with asthma in Costa Rica. <i>Human Molecular Genetics</i> , 2007, 16, 243-253.	1.4	73
16	Sex-stratified Linkage Analysis Identifies a Female-specific Locus for IgE to Cockroach in Costa Ricans. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 830-836.	2.5	71
17	Risk Factors and Predictive Clinical Scores for Asthma Exacerbations in Childhood. <i>Chest</i> , 2010, 138, 1156-1165.	0.4	71
18	De novo mutations across 1,465 diverse genomes reveal mutational insights and reductions in the Amish founder population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2560-2569.	3.3	71

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19	PRKCA: A Positional Candidate Gene for Body Mass Index and Asthma. American Journal of Human Genetics, 2009, 85, 87-96.	2.6	69
20	Genome-wide association study of body mass index in 23,000 individuals with and without asthma. Clinical and Experimental Allergy, 2013, 43, 463-474.	1.4	68
21	Asthma in Latin America. Thorax, 2015, 70, 898-905.	2.7	68
22	Thymic stromal lymphopoietin (TSLP) is associated with allergic rhinitis in children with asthma. Clinical and Molecular Allergy, 2011, 9, 1.	0.8	67
23	Variants inTGFB1,Dust Mite Exposure, and Disease Severity in Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 356-362.	2.5	62
24	HLA-DQ strikes again: Genome-wide association study further confirms HLA-DQ in the diagnosis of asthma among adults. Clinical and Experimental Allergy, 2012, 42, 1724-1733.	1.4	62
25	Genome-wide association analysis of circulating vitamin D levels in children with asthma. Human Genetics, 2012, 131, 1495-1505.	1.8	61
26	Genome-wide association study reveals class I MHC-restricted T cell-associated molecule gene (CRTAM) variants interact with vitamin D levels to affect asthma exacerbations. Journal of Allergy and Clinical Immunology, 2012, 129, 368-373.e5.	1.5	54
27	Genome-wide expression profiles identify potential targets for gene-environment interactions in asthma severity. Journal of Allergy and Clinical Immunology, 2015, 136, 885-892.e2.	1.5	51
28	Dust mite exposure modifies the effect of functional IL10 polymorphisms on allergy and asthma exacerbations. Journal of Allergy and Clinical Immunology, 2008, 122, 93-98.e5.	1.5	50
29	A genome-wide survey of CD4+ lymphocyte regulatory genetic variants identifies novel asthma genes. Journal of Allergy and Clinical Immunology, 2014, 134, 1153-1162.	1.5	46
30	A genome-wide association study of bronchodilator response in asthmatics. Pharmacogenomics Journal, 2014, 14, 41-47.	0.9	46
31	Epigenetic age acceleration is associated with allergy and asthma in children in Project Viva. Journal of Allergy and Clinical Immunology, 2019, 143, 2263-2270.e14.	1.5	43
32	A Genome-Wide Association Study of Chronic Obstructive Pulmonary Disease in Hispanics. Annals of the American Thoracic Society, 2015, 12, 340-348.	1.5	41
33	A Genome-Wide Association Study in Hispanics/Latinos Identifies Novel Signals for Lung Function. The Hispanic Community Health Study/Study of Latinos. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 208-219.	2.5	37
34	Trends in Hospitalizations and Mortality From Asthma in Costa Rica Over a 12- to 15-year Period. Journal of Allergy and Clinical Immunology: in Practice, 2014, 2, 85-90.	2.0	34
35	Identification of FGF7 as a novel susceptibility locus for chronic obstructive pulmonary disease. Thorax, 2011, 66, 1085-1090.	2.7	32
36	Association of VEGF polymorphisms with childhood asthma, lung function and airway responsiveness. European Respiratory Journal, 2009, 33, 1287-1294.	3.1	31

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37	Further replication studies of the EVE Consortium meta-analysis identifies 2 asthma risk loci in European Americans. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1294-1301.	1.5	30
38	Significant linkage to airway responsiveness on chromosome 12q24 in families of children with asthma in Costa Rica. <i>Human Genetics</i> , 2006, 120, 691-699.	1.8	25
39	Paternal Asthma, Mold Exposure, and Increased Airway Responsiveness Among Children With Asthma in Costa Rica. <i>Chest</i> , 2008, 133, 107-114.	0.4	25
40	Comprehensive genetic assessment of a functional TLR9 promoter polymorphism: no replicable association with asthma or asthma-related phenotypes. <i>BMC Medical Genetics</i> , 2011, 12, 26.	2.1	25
41	Genome-wide interaction study of dust mite allergen on lung function in children with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 996-1003.e7.	1.5	25
42	Risk factors for allergic rhinitis in Costa Rican children with asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2010, 65, 256-263.	2.7	23
43	Native American Ancestry, Lung Function, and COPD in Costa Ricans. <i>Chest</i> , 2014, 145, 704-710.	0.4	23
44	Novel eosinophilic gene expression networks associated with IgE in two distinct asthma populations. <i>Clinical and Experimental Allergy</i> , 2018, 48, 1654-1664.	1.4	22
45	Asthma-susceptibility variants identified using probands in case-control and family-based analyses. <i>BMC Medical Genetics</i> , 2010, 11, 122.	2.1	17
46	Genome-wide linkage analysis of pulmonary function in families of children with asthma in Costa Rica. <i>Thorax</i> , 2007, 62, 224-230.	2.7	16
47	A Genome-Wide Association Study of Post-bronchodilator Lung Function in Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 634-637.	2.5	16
48	Asthma, Current Wheezing, and Tobacco Use Among Adolescents and Young Adults in Costa Rica. <i>Journal of Asthma</i> , 2005, 42, 543-547.	0.9	15
49	Association of SERPINE2 With Asthma. <i>Chest</i> , 2011, 140, 667-674.	0.4	15
50	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
51	Pharmacometabolomics of Bronchodilator Response in Asthma and the Role of Age-Metabolite Interactions. <i>Metabolites</i> , 2019, 9, 179.	1.3	13
52	Polymorphisms in IL12A and cockroach allergy in children with asthma. <i>Clinical and Molecular Allergy</i> , 2008, 6, 6.	0.8	11
53	Whole Genome Sequencing Identifies CRISPLD2 as a Lung Function Gene in Children With Asthma. <i>Chest</i> , 2019, 156, 1068-1079.	0.4	5
54	Cluster Analysis of Nasal Cytokines During Rhinovirus Infection Identifies Different Immunophenotypes in Both Children and Adults with Allergic Asthma. <i>Clinical and Experimental Allergy</i> , 2022, , .	1.4	3

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55	The Atopic Status of Children Treated for Wheezing in Costa Rica: The Importance of Sensitization to Dust Mite. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, AB134.	1.5	1
56	Polymorphisms in TSLP and TSLP-related Genes Are Associated with Allergic Rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, AB235.	1.5	1
57	PRKCA: A Positional Candidate Gene for Body Mass Index and Asthma. <i>American Journal of Human Genetics</i> , 2009, 85, 302.	2.6	0
58	Strains of Rhinovirus Associated with Asthma in Costa Rican Children. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, AB149.	1.5	0
59	Eosinophil and Neutrophil Derived Mediators in Nasal Washes From Children Treated for Asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, AB46.	1.5	0
60	(1) Production of CCR4-Binding Chemokines in Response to Rhinovirus Infections in Asthmatic Children. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, AB144.	1.5	0
61	Specific IgE and IgG Antibodies to Human Rhinovirus 16 Capsid Protein VP1 Among Asthmatic and Non-Asthmatic Children from Costa Rica: Comparison with Virginia and Northern Sweden. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, AB174.	1.5	0