Blanca E Himes

List of Publications by Year
in descending order

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83 papers	5,153 citations	136950 32 h-index	91884 69 g-index
86 all docs	86 docs citations	86 times ranked	8383 citing authors

#	Article	IF	Citations
1	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. Nature Genetics, 2011, 43, 887-892.	21.4	736
2	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	21.4	426
3	Genomewide Association betweenGLCCI1and Response to Glucocorticoid Therapy in Asthma. New England Journal of Medicine, 2011, 365, 1173-1183.	27.0	342
4	Genome-wide Association Analysis Identifies PDE4D as an Asthma-Susceptibility Gene. American Journal of Human Genetics, 2009, 84, 581-593.	6.2	296
5	Genome-wide association study identifies three new susceptibility loci for adult asthma in the Japanese population. Nature Genetics, 2011, 43, 893-896.	21.4	296
6	Shared genetic and experimental links between obesity-related traits and asthma subtypes in UK Biobank. Journal of Allergy and Clinical Immunology, 2020, 145, 537-549.	2.9	240
7	A genome-wide association study of COPD identifies a susceptibility locus on chromosome 19q13. Human Molecular Genetics, 2012, 21, 947-957.	2.9	216
8	Thymic Stromal Lymphopoietin Gene Promoter Polymorphisms Are Associated with Susceptibility to Bronchial Asthma. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 787-793.	2.9	187
9	RNA-Seq Transcriptome Profiling Identifies CRISPLD2 as a Glucocorticoid Responsive Gene that Modulates Cytokine Function in Airway Smooth Muscle Cells. PLoS ONE, 2014, 9, e99625.	2.5	139
10	Statins and Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 547-556.	5.6	133
11	A functional splice variant associated with decreased asthma risk abolishes the ability of gasdermin B to induce epithelial cell pyroptosis. Journal of Allergy and Clinical Immunology, 2018, 142, 1469-1478.e2.	2.9	121
12	Prediction of Chronic Obstructive Pulmonary Disease (COPD) in Asthma Patients Using Electronic Medical Records. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 371-379.	4.4	118
13	Genome-Wide Association Analysis in Asthma Subjects Identifies SPATS2L as a Novel Bronchodilator Response Gene. PLoS Genetics, 2012, 8, e1002824.	3.5	107
14	Pediatric Asthma Health Care Utilization, Viral Testing, and Air Pollution Changes During the COVID-19 Pandemic. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 3378-3387.e11.	3.8	104
15	Whole-Genome Sequencing of Pharmacogenetic Drug Response in Racially Diverse Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1552-1564.	5.6	102
16	Using omics approaches to understand pulmonary diseases. Respiratory Research, 2017, 18, 149.	3.6	90
17	Production and transplantation of bioengineered lung into a large-animal model. Science Translational Medicine, 2018, 10, .	12.4	85
18	Transcriptomic response of primary human airway epithelial cells to flavoring chemicals in electronic cigarettes. Scientific Reports, 2019, 9, 1400.	3.3	84

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19	TGF-Î²1 Evokes Human Airway Smooth Muscle Cell Shortening and Hyperresponsiveness via Smad3. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 575-584.	2.9	71
20	Mobile health applications for asthma. Journal of Allergy and Clinical Immunology: in Practice, 2015, 3, 446-448.e16.	3.8	64
21	Inclusion of Unstructured Clinical Text Improves Early Prediction of Death or Prolonged ICU Stay*. Critical Care Medicine, 2018, 46, 1125-1132.	0.9	61
22	A meta-analysis of genome-wide association studies for serum total IgE in diverse study populations. Journal of Allergy and Clinical Immunology, 2013, 131, 1176-1184.	2.9	58
23	Regulatory Haplotypes inARG1Are Associated with Altered Bronchodilator Response. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 449-454.	5.6	56
24	CTNNA3 and SEMA3D: Promising loci for asthma exacerbation identified through multiple genome-wide association studies. Journal of Allergy and Clinical Immunology, 2015, 136, 1503-1510.	2.9	50
25	Current Status and Future Opportunities in Lung Precision Medicine Research with a Focus on Biomarkers. An American Thoracic Society/National Heart, Lung, and Blood Institute Research Statement. American Journal of Respiratory and Critical Care Medicine, 2018, 198, e116-e136.	5.6	49
26	RNA sequencing identifies novel non-coding RNA and exon-specific effects associated with cigarette smoking. BMC Medical Genomics, 2017, 10, 58.	1.5	48
27	A genome-wide survey of CD4+ lymphocyte regulatory genetic variants identifies novel asthma genes. Journal of Allergy and Clinical Immunology, 2014, 134, 1153-1162.	2.9	46
28	Mobile Health and Inhaler-Based Monitoring Devices for Asthma Management. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2535-2543.	3.8	45
29	Genome-wide CRISPR screen identifies suppressors of endoplasmic reticulum stress-induced apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13384-13393.	7.1	45
30	PDE8 Is Expressed in Human Airway Smooth Muscle and Selectively Regulates cAMP Signaling by Î²₂-Adrenergic Receptors and Adenylyl Cyclase 6. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 530-541.	2.9	39
31	Integrated Stress Response Mediates Epithelial Injury in Mechanical Ventilation. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 193-203.	2.9	37
32	Vitamin D Modulates Expression of the Airway Smooth Muscle Transcriptome in Fatal Asthma. PLoS ONE, 2015, 10, e0134057.	2.5	35
33	Inhibition of PI3K promotes dilation of human small airways in a rho kinaseâ€dependent manner. British Journal of Pharmacology, 2016, 173, 2726-2738.	5.4	34
34	Identification of FGF7 as a novel susceptibility locus for chronic obstructive pulmonary disease. Thorax, 2011, 66, 1085-1090.	5.6	32
35	Gender-specific determinants of asthma among U.S. adults. Asthma Research and Practice, 2017, 3, 2.	2.4	32
36	Further replication studies of the EVE Consortium meta-analysis identifies 2 asthma risk loci in European Americans. Journal of Allergy and Clinical Immunology, 2012, 130, 1294-1301.	2.9	30

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37	Integration of Mouse and Human Genome-Wide Association Data Identifies KCNIP4 as an Asthma Gene. PLoS ONE, 2013, 8, e56179.	2.5	28
38	Preparing next-generation scientists for biomedical big data: artificial intelligence approaches. Personalized Medicine, 2019, 16, 247-257.	1.5	28
39	Predicting response to short-acting bronchodilator medication using Bayesian networks. Pharmacogenomics, 2009, 10, 1393-1412.	1.3	27
40	Airway Smooth Muscleâ€“Specific Transcriptomic Signatures of Glucocorticoid Exposure. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 110-120.	2.9	27
41	Large-scale, multiethnic genome-wide association study identifies novel loci contributing to asthma susceptibility in adults. Journal of Allergy and Clinical Immunology, 2019, 143, 1633-1635.	2.9	26
42	Association of variants in innate immune genes with asthma and eczema. Pediatric Allergy and Immunology, 2012, 23, 315-323.	2.6	25
43	COVID-19 Pandemicâ€“Related Reductions in Pediatric Asthma Exacerbations Corresponded with an Overall Decrease in Respiratory Viral Infections. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 91-99.e12.	3.8	24
44	Inhibition of spleen tyrosine kinase attenuates IgEâ€mediated airway contraction and mediator release in human precision cut lung slices. British Journal of Pharmacology, 2016, 173, 3080-3087.	5.4	21
45	Ideas for how informaticians can get involved with COVID-19 research. BioData Mining, 2020, 13, 3.	4.0	20
46	Factors associated with exacerbations among adults with asthma according to electronic health record data. Asthma Research and Practice, 2019, 5, 1.	2.4	19
47	Neighborhood-level measures of socioeconomic status are more correlated with individual-level measures in urban areas compared with less urban areas. Annals of Epidemiology, 2020, 43, 37-43.e4.	1.9	18
48	Asthma-susceptibility variants identified using probands in case-control and family-based analyses. BMC Medical Genetics, 2010, 11, 122.	2.1	17
49	Release of particulate matter from nano-enabled building materials (NEBMs) across their lifecycle: Potential occupational health and safety implications. Journal of Hazardous Materials, 2022, 422, 126771.	12.4	17
50	Whole blood RNA sequencing reveals a unique transcriptomic profile in patients with ARDS following hematopoietic stem cell transplantation. Respiratory Research, 2019, 20, 15.	3.6	16
51	Association of SERPINE2 With Asthma. Chest, 2011, 140, 667-674.	0.8	15
52	Why Is the Electronic Health Record So Challenging for Research and Clinical Care?. Methods of Information in Medicine, 2021, 60, 032-048.	1.2	13
53	Characterization of patients who suffer asthma exacerbations using data extracted from electronic medical records. AMIA ... Annual Symposium proceedings, 2008, , 308-12.	0.2	13
54	The impact of selfâ€identified race on epidemiologic studies of gene expression. Genetic Epidemiology, 2011, 35, 93-101.	1.3	12

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55	Enhancing Electronic Health Record Data with Geospatial Information. AMIA Summits on Translational Science Proceedings, 2017, 2017, 123-132.	0.4	12
56	Lung Function in African American Children with Asthma Is Associated with Novel Regulatory Variants of the KIT LigandKITLG/SCFand Gene-By-Air-Pollution Interaction. Genetics, 2020, 215, 869-886.	2.9	11
57	Gene Expression Profiles in Children With Suspected Sepsis. Annals of Emergency Medicine, 2020, 75, 744-754.	0.6	11
58	Insights into glucocorticoid responses derived from omics studies. , 2021, 218, 107674.		11
59	High-Throughput Sequencing in Respiratory, Critical Care, and Sleep Medicine Research. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2019, 16, 1-16.	3.2	9
60	Rapamycin-independent IGF2 expression in Tsc2-null mouse embryo fibroblasts and human lymphangioleiomyomatosis cells. PLoS ONE, 2018, 13, e0197105.	2.5	8
61	Integration of Transcriptomic Data Identifies Global and Cell-Specific Asthma-Related Gene Expression Signatures. AMIA ... Annual Symposium proceedings, 2018, 2018, 1338-1347.	0.2	8
62	Assessing the reproducibility of asthma genome-wide association studies in a general clinical population. Journal of Allergy and Clinical Immunology, 2011, 127, 1067-1069.	2.9	7
63	Electronic cigarette smoke reduces ribosomal protein gene expression to impair protein synthesis in primary human airway epithelial cells. Scientific Reports, 2021, 11, 17517.	3.3	7
64	Feasibility and acceptability of monitoring personal air pollution exposure with sensors for asthma self-management. Asthma Research and Practice, 2021, 7, 13.	2.4	7
65	Inhibition of ABCC1 Decreases cAMP Egress and Promotes Human Airway Smooth Muscle Cell Relaxation. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 96-106.	2.9	6
66	Disease-Specific Integration of Omics Data to Guide Functional Validation of Genetic Associations. AMIA ... Annual Symposium proceedings, 2017, 2017, 1589-1596.	0.2	6
67	Approaches to Link Geospatially Varying Social, Economic, and Environmental Factors with Electronic Health Record Data to Better Understand Asthma Exacerbations. AMIA ... Annual Symposium proceedings, 2018, 2018, 1561-1570.	0.2	6
68	Multiomics analysis identifies BIRC3 as a novel glucocorticoid responseâ€“associated gene. Journal of Allergy and Clinical Immunology, 2022, 149, 1981-1991.	2.9	6
69	OUP accepted manuscript. Journal of the American Medical Informatics Association: JAMIA, 2021, , .	4.4	5
70	Integrative genomic analysis in African American children with asthma finds three novel loci associated with lung function. Genetic Epidemiology, 2021, 45, 190-208.	1.3	4
71	Facilitating Inclusion of Geocoded Pollution Data into Health Studies. AMIA Summits on Translational Science Proceedings, 2019, 2019, 553-561.	0.4	2
72	Facilitating Analysis of Publicly Available ChIP-Seq Data for Integrative Studies. AMIA ... Annual Symposium proceedings, 2019, 2019, 371-379.	0.2	2

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73	Epinephrine evokes shortening of human airway smooth muscle cells following Î²₂adrenergic receptor desensitization. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 323, L142-L151.	2.9	2
74	Genetics and Pharmacogenetics of Asthma. Respiratory Medicine, 2020, , 25-37.	0.1	1
75	Trait Insights Gained by Comparing Genome-Wide Association Study Results using Different Chronic Obstructive Pulmonary Disease Definitions. AMIA Summits on Translational Science Proceedings, 2020, 2020, 278-287.	0.4	1
76	Reply to Mahler: Peak Inspiratory Flow Rate: An Emerging Biomarker in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1579-1579.	5.6	0
77	The Effective Sample Size of EHR-Derived Cohorts Under Biased Sampling. Emerging Topics in Statistics and Biostatistics, 2021, , 3-14.	0.1	0
78	Summary and Future Applications of Precision Medicine in Pulmonary, Critical Care, and Sleep Medicine. Respiratory Medicine, 2020, , 417-428.	0.1	0
79	Analysis of Spatial Trends in Smoking Status Among Patients with Obstructive Airway Diseases Highlight Potential for Targeted Smoking Cessation Interventions. AMIA ... Annual Symposium proceedings, 2019, 2019, 1256-1265.	0.2	0
80	Impact of Individual versus Geographic-Area Measures of Socioeconomic Status on Health Associations Observed in the Behavioral Risk Factor Surveillance System. AMIA ... Annual Symposium proceedings, 2020, 2020, 707-716.	0.2	0
81	Integrating Biomedical Informatics Training into Existing High School Curricula. AMIA Summits on Translational Science Proceedings, 2021, 2021, 190-199.	0.4	0
82	Gene-Based Analysis Reveals Sex-Specific Genetic Risk Factors of COPD.. AMIA ... Annual Symposium proceedings, 2021, 2021, 601-610.	0.2	0
83	Consolidated Environmental and Social Data Facilitates Neighborhood-Level Health Studies in Philadelphia.. AMIA ... Annual Symposium proceedings, 2021, 2021, 305-313.	0.2	0