

Blanca E Himes

List of Publications by Year in descending order

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Version: 2024-02-01

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	Release of particulate matter from nano-enabled building materials (NEBMs) across their lifecycle: Potential occupational health and safety implications. <i>Journal of Hazardous Materials</i> , 2022, 422, 126771.	12.4	17
2	Inhibition of ABCC1 Decreases cAMP Egress and Promotes Human Airway Smooth Muscle Cell Relaxation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 96-106.	2.9	6
3	COVID-19 Pandemic-Related Reductions in Pediatric Asthma Exacerbations Corresponded with an Overall Decrease in Respiratory Viral Infections. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 91-99.e12.	3.8	24
4	Multimomics analysis identifies BIRC3 as a novel glucocorticoid response-associated gene. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1981-1991.	2.9	6
5	Epinephrine evokes shortening of human airway smooth muscle cells following β_2 adrenergic receptor desensitization. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 323, L142-L151.	2.9	2
6	Insights into glucocorticoid responses derived from omics studies. , 2021, 218, 107674.		11
7	Integrative genomic analysis in African American children with asthma finds three novel loci associated with lung function. <i>Genetic Epidemiology</i> , 2021, 45, 190-208.	1.3	4
8	Why Is the Electronic Health Record So Challenging for Research and Clinical Care?. <i>Methods of Information in Medicine</i> , 2021, 60, 032-048.	1.2	13
9	Electronic cigarette smoke reduces ribosomal protein gene expression to impair protein synthesis in primary human airway epithelial cells. <i>Scientific Reports</i> , 2021, 11, 17517.	3.3	7
10	Feasibility and acceptability of monitoring personal air pollution exposure with sensors for asthma self-management. <i>Asthma Research and Practice</i> , 2021, 7, 13.	2.4	7
11	The Effective Sample Size of EHR-Derived Cohorts Under Biased Sampling. <i>Emerging Topics in Statistics and Biostatistics</i> , 2021, , 3-14.	0.1	0
12	OUP accepted manuscript. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, , .	4.4	5
13	Integrating Biomedical Informatics Training into Existing High School Curricula. <i>AMIA Summits on Translational Science Proceedings</i> , 2021, 2021, 190-199.	0.4	0
14	Gene-Based Analysis Reveals Sex-Specific Genetic Risk Factors of COPD.. <i>AMIA ... Annual Symposium proceedings</i> , 2021, 2021, 601-610.	0.2	0
15	Consolidated Environmental and Social Data Facilitates Neighborhood-Level Health Studies in Philadelphia.. <i>AMIA ... Annual Symposium proceedings</i> , 2021, 2021, 305-313.	0.2	0
16	Shared genetic and experimental links between obesity-related traits and asthma subtypes in UK Biobank. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 537-549.	2.9	240
17	Pediatric Asthma Health Care Utilization, Viral Testing, and Air Pollution Changes During the COVID-19 Pandemic. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 3378-3387.e11.	3.8	104
18	Lung Function in African American Children with Asthma Is Associated with Novel Regulatory Variants of the KIT Ligand <i>KITLG/SCF</i> and Gene-By-Air-Pollution Interaction. <i>Genetics</i> , 2020, 215, 869-886.	2.9	11

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19	Ideas for how informaticians can get involved with COVID-19 research. <i>BioData Mining</i> , 2020, 13, 3.	4.0	20
20	Neighborhood-level measures of socioeconomic status are more correlated with individual-level measures in urban areas compared with less urban areas. <i>Annals of Epidemiology</i> , 2020, 43, 37-43.e4.	1.9	18
21	Gene Expression Profiles in Children With Suspected Sepsis. <i>Annals of Emergency Medicine</i> , 2020, 75, 744-754.	0.6	11
22	Genetics and Pharmacogenetics of Asthma. <i>Respiratory Medicine</i> , 2020, , 25-37.	0.1	1
23	Summary and Future Applications of Precision Medicine in Pulmonary, Critical Care, and Sleep Medicine. <i>Respiratory Medicine</i> , 2020, , 417-428.	0.1	0
24	Trait Insights Gained by Comparing Genome-Wide Association Study Results using Different Chronic Obstructive Pulmonary Disease Definitions. <i>AMIA Summits on Translational Science Proceedings</i> , 2020, 2020, 278-287.	0.4	1
25	Impact of Individual versus Geographic-Area Measures of Socioeconomic Status on Health Associations Observed in the Behavioral Risk Factor Surveillance System. <i>AMIA ... Annual Symposium proceedings</i> , 2020, 2020, 707-716.	0.2	0
26	Mobile Health and Inhaler-Based Monitoring Devices for Asthma Management. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2535-2543.	3.8	45
27	Factors associated with exacerbations among adults with asthma according to electronic health record data. <i>Asthma Research and Practice</i> , 2019, 5, 1.	2.4	19
28	Airway Smooth Muscleâ€“Specific Transcriptomic Signatures of Glucocorticoid Exposure. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 110-120.	2.9	27
29	Whole blood RNA sequencing reveals a unique transcriptomic profile in patients with ARDS following hematopoietic stem cell transplantation. <i>Respiratory Research</i> , 2019, 20, 15.	3.6	16
30	Large-scale, multiethnic genome-wide association study identifies novel loci contributing to asthma susceptibility in adults. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1633-1635.	2.9	26
31	Transcriptomic response of primary human airway epithelial cells to flavoring chemicals in electronic cigarettes. <i>Scientific Reports</i> , 2019, 9, 1400.	3.3	84
32	Genome-wide CRISPR screen identifies suppressors of endoplasmic reticulum stress-induced apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13384-13393.	7.1	45
33	Reply to Mahler: Peak Inspiratory Flow Rate: An Emerging Biomarker in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1579-1579.	5.6	0
34	Preparing next-generation scientists for biomedical big data: artificial intelligence approaches. <i>Personalized Medicine</i> , 2019, 16, 247-257.	1.5	28
35	High-Throughput Sequencing in Respiratory, Critical Care, and Sleep Medicine Research. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1-16.	3.2	9
36	Facilitating Inclusion of Geocoded Pollution Data into Health Studies. <i>AMIA Summits on Translational Science Proceedings</i> , 2019, 2019, 553-561.	0.4	2

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37	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
38	Facilitating Analysis of Publicly Available ChIP-Seq Data for Integrative Studies. AMIA ... Annual Symposium proceedings, 2019, 2019, 371-379.	0.2	2
39	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
40	Inclusion of Unstructured Clinical Text Improves Early Prediction of Death or Prolonged ICU Stay*. Critical Care Medicine, 2018, 46, 1125-1132.	0.9	61
41	PDE8 Is Expressed in Human Airway Smooth Muscle and Selectively Regulates cAMP Signaling by β_2 -Adrenergic Receptors and Adenylyl Cyclase 6. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 530-541.	2.9	39
42	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	21.4	426
43	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
44	TGF- β 1 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
45	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
46	Production and transplantation of bioengineered lung into a large-animal model. Science Translational Medicine, 2018, 10, .	12.4	85
47	Rapamycin-independent IGF2 expression in Tsc2-null mouse embryo fibroblasts and human lymphangi leiomyomatosis cells. PLoS ONE, 2018, 13, e0197105.	2.5	8
48	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
49	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
50	Integrated Stress Response Mediates Epithelial Injury in Mechanical Ventilation. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 193-203.	2.9	37
51	Gender-specific determinants of asthma among U.S. adults. Asthma Research and Practice, 2017, 3, 2.	2.4	32
52	RNA sequencing identifies novel non-coding RNA and exon-specific effects associated with cigarette smoking. BMC Medical Genomics, 2017, 10, 58.	1.5	48
53	Using omics approaches to understand pulmonary diseases. Respiratory Research, 2017, 18, 149.	3.6	90
54	Enhancing Electronic Health Record Data with Geospatial Information. AMIA Summits on Translational Science Proceedings, 2017, 2017, 123-132.	0.4	12

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55	Disease-Specific Integration of Omics Data to Guide Functional Validation of Genetic Associations. AMIA ... Annual Symposium proceedings, 2017, 2017, 1589-1596.	0.2	6
56	Inhibition of spleen tyrosine kinase attenuates IgE-mediated airway contraction and mediator release in human precision cut lung slices. British Journal of Pharmacology, 2016, 173, 3080-3087.	5.4	21
57	Inhibition of PI3K promotes dilation of human small airways in a rho kinase-dependent manner. British Journal of Pharmacology, 2016, 173, 2726-2738.	5.4	34
58	Vitamin D Modulates Expression of the Airway Smooth Muscle Transcriptome in Fatal Asthma. PLoS ONE, 2015, 10, e0134057.	2.5	35
59	Mobile health applications for asthma. Journal of Allergy and Clinical Immunology: in Practice, 2015, 3, 446-448.e16.	3.8	64
60	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
61	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
62	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
63	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
64	Integration of Mouse and Human Genome-Wide Association Data Identifies KCNIP4 as an Asthma Gene. PLoS ONE, 2013, 8, e56179.	2.5	28
65	Genome-Wide Association Analysis in Asthma Subjects Identifies SPATS2L as a Novel Bronchodilator Response Gene. PLoS Genetics, 2012, 8, e1002824.	3.5	107
66	Statins and Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 547-556.	5.6	133
67	A genome-wide association study of COPD identifies a susceptibility locus on chromosome 19q13. Human Molecular Genetics, 2012, 21, 947-957.	2.9	216
68	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
69	Association of variants in innate immune genes with asthma and eczema. Pediatric Allergy and Immunology, 2012, 23, 315-323.	2.6	25
70	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
71	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
72	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. Nature Genetics, 2011, 43, 887-892.	21.4	736

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73	The impact of self-identified race on epidemiologic studies of gene expression. <i>Genetic Epidemiology</i> , 2011, 35, 93-101.	1.3	12
74	Genomewide Association between <i>GLCCI1</i> and Response to Glucocorticoid Therapy in Asthma. <i>New England Journal of Medicine</i> , 2011, 365, 1173-1183.	27.0	342
75	Thymic Stromal Lymphopoietin Gene Promoter Polymorphisms Are Associated with Susceptibility to Bronchial Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 787-793.	2.9	187
76	Regulatory Haplotypes in <i>ARG1</i> Are Associated with Altered Bronchodilator Response. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 449-454.	5.6	56
77	Identification of <i>FGF7</i> as a novel susceptibility locus for chronic obstructive pulmonary disease. <i>Thorax</i> , 2011, 66, 1085-1090.	5.6	32
78	Association of <i>SERPINE2</i> With Asthma. <i>Chest</i> , 2011, 140, 667-674.	0.8	15
79	Asthma-susceptibility variants identified using probands in case-control and family-based analyses. <i>BMC Medical Genetics</i> , 2010, 11, 122.	2.1	17
80	Genome-wide Association Analysis Identifies <i>PDE4D</i> as an Asthma-Susceptibility Gene. <i>American Journal of Human Genetics</i> , 2009, 84, 581-593.	6.2	296
81	Predicting response to short-acting bronchodilator medication using Bayesian networks. <i>Pharmacogenomics</i> , 2009, 10, 1393-1412.	1.3	27
82	Prediction of Chronic Obstructive Pulmonary Disease (COPD) in Asthma Patients Using Electronic Medical Records. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2009, 16, 371-379.	4.4	118
83	Characterization of patients who suffer asthma exacerbations using data extracted from electronic medical records. <i>AMIA ... Annual Symposium proceedings</i> , 2008, , 308-12.	0.2	13