

Fernando Holguin

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

4,068
citations

186254
28
h-index

133244
59
g-index

64
all docs

64
docs citations

64
times ranked

5252
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. <i>European Respiratory Journal</i> , 2020, 55, 1900588. | 6.7 | 380 |
| 2 | Plasma interleukin-6 concentrations, metabolic dysfunction, and asthma severity: a cross-sectional analysis of two cohorts. <i>Lancet Respiratory Medicine</i> , 2016, 4, 574-584. | 10.7 | 375 |
| 3 | Obesity and asthma: An association modified by age of asthma onset. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 1486-1493.e2. | 2.9 | 330 |
| 4 | An Official American Thoracic Society Workshop Report: Obesity and Asthma. <i>Proceedings of the American Thoracic Society</i> , 2010, 7, 325-335. | 3.5 | 290 |
| 5 | Effect of Vitamin D ₃ on Asthma Treatment Failures in Adults With Symptomatic Asthma and Lower Vitamin D Levels. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 2083. | 7.4 | 236 |
| 6 | Baseline Features of the Severe Asthma Research Program (SARP III) Cohort: Differences with Age. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 545-554.e4. | 3.8 | 210 |
| 7 | Airway glutathione homeostasis is altered in children with severe asthma: Evidence for oxidant stress. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 146-152.e8. | 2.9 | 162 |
| 8 | Metabolic Syndrome and the Lung. <i>Chest</i> , 2016, 149, 1525-1534. | 0.8 | 148 |
| 9 | Body mass index is associated with reduced exhaled nitric oxide and higher exhaled 8-isoprostanes in asthmatics. <i>Respiratory Research</i> , 2007, 8, 32. | 3.6 | 143 |
| 10 | Racial and Ethnic Disparities in Asthma Medication Usage and Health-Care Utilization. <i>Chest</i> , 2009, 136, 1063-1071. | 0.8 | 141 |
| 11 | An Association between L-Arginine/Asymmetric Dimethyl Arginine Balance, Obesity, and the Age of Asthma Onset Phenotype. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 153-159. | 5.6 | 141 |
| 12 | Mometasone or Tiotropium in Mild Asthma with a Low Sputum Eosinophil Level. <i>New England Journal of Medicine</i> , 2019, 380, 2009-2019. | 27.0 | 95 |
| 13 | Obesity, asthma, and oxidative stress. <i>Journal of Applied Physiology</i> , 2010, 108, 754-759. | 2.5 | 91 |
| 14 | Association of exposure to particulate matter (PM _{2.5}) air pollution and biomarkers of cardiovascular disease risk in adult NHANES participants (2001-2008). <i>International Journal of Hygiene and Environmental Health</i> , 2016, 219, 301-310. | 4.3 | 90 |
| 15 | T ₂ -Low Asthma: Overview and Management Strategies. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 452-463. | 3.8 | 82 |
| 16 | Effects of endogenous sex hormones on lung function and symptom control in adolescents with asthma. <i>BMC Pulmonary Medicine</i> , 2018, 18, 58. | 2.0 | 74 |
| 17 | Systemic inflammatory markers associated with cardiovascular disease and acute and chronic exposure to fine particulate matter air pollution (PM _{2.5}) among US NHANES adults with metabolic syndrome. <i>Environmental Research</i> , 2018, 161, 485-491. | 7.5 | 73 |
| 18 | Airway and Plasma Leptin and Adiponectin in Lean and Obese Asthmatics and Controls. <i>Journal of Asthma</i> , 2011, 48, 217-223. | 1.7 | 66 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Trends in Hospitalizations for AIDS-Associated <i>Pneumocystis jirovecii</i> Pneumonia in the United States (1986 to 2005). <i>Chest</i> , 2009, 136, 190-197. | 0.8 | 65 |
| 20 | Bioenergetic Differences in the Airway Epithelium of Lean <i>versus</i> Obese Asthmatics Are Driven by Nitric Oxide and Reflected in Circulating Platelets. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 673-686. | 5.4 | 54 |
| 21 | L-Citrulline increases nitric oxide and improves control in obese asthmatics. <i>JCI Insight</i> , 2019, 4, . | 5.0 | 48 |
| 22 | Step-Up Therapy in Black Children and Adults with Poorly Controlled Asthma. <i>New England Journal of Medicine</i> , 2019, 381, 1227-1239. | 27.0 | 44 |
| 23 | Brain-Derived Neurotrophic Factor Expression in Asthma. Association with Severity and Type 2 Inflammatory Processes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 844-852. | 2.9 | 43 |
| 24 | Metabolic Dysregulation, Systemic Inflammation, and Pediatric Obesity-related Asthma. <i>Annals of the American Thoracic Society</i> , 2017, 14, S363-S367. | 3.2 | 39 |
| 25 | IL-27 and type 2 immunity in asthmatic patients: Association with severity, CXCL9, and signal transducer and activator of transcription signaling. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 386-394.e5. | 2.9 | 38 |
| 26 | Disulfide disruption reverses mucus dysfunction in allergic airway disease. <i>Nature Communications</i> , 2021, 12, 249. | 12.8 | 36 |
| 27 | Asthma and Three Colinear Comorbidities: Obesity, OSA, and GERD. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3877-3884. | 3.8 | 36 |
| 28 | A pilot randomized controlled trial of pioglitazone for the treatment of poorly controlled asthma in obesity. <i>Respiratory Research</i> , 2015, 16, 143. | 3.6 | 33 |
| 29 | Noninvasive Ventilation Use in Critically Ill Patients with Acute Asthma Exacerbations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1520-1530. | 5.6 | 33 |
| 30 | Diet and Metabolism in the Evolution of Asthma and Obesity. <i>Clinics in Chest Medicine</i> , 2019, 40, 97-106. | 2.1 | 31 |
| 31 | The impact of bariatric surgery on asthma control differs among obese individuals with reported prior or current asthma, with or without metabolic syndrome. <i>PLoS ONE</i> , 2019, 14, e0214730. | 2.5 | 30 |
| 32 | 15-Hydroxyprostaglandin Dehydrogenase Generation of Electrophilic Lipid Signaling Mediators from Hydroxy ω -3 Fatty Acids. <i>Journal of Biological Chemistry</i> , 2015, 290, 5868-5880. | 3.4 | 29 |
| 33 | Oxidative stress and obesity-related asthma. <i>Paediatric Respiratory Reviews</i> , 2021, 37, 18-21. | 1.8 | 27 |
| 34 | PreClSE: Precision Medicine in Severe Asthma: An adaptive platform trial with biomarker ascertainment. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1594-1601. | 2.9 | 27 |
| 35 | The Relationship Between Asthma and Cardiovascular Disease. <i>Chest</i> , 2021, 159, 1338-1345. | 0.8 | 26 |
| 36 | Arginine Therapy for Lung Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 627503. | 3.5 | 25 |

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|----|---|-----|-----------|
| 37 | The Precision Interventions for Severe and/or Exacerbation-Prone (PrecISE) Asthma Network: An overview of Network organization, procedures, and interventions. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 488-516.e9. | 2.9 | 24 |
| 38 | Exacerbation-prone asthma in the context of race and ancestry in Asthma Clinical Research Network trials. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1524-1533. | 2.9 | 23 |
| 39 | Dysfunctional ErbB2, an EGF receptor family member, hinders repair of airway epithelial cells from asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2075-2085.e10. | 2.9 | 21 |
| 40 | Heterogeneity of Mild to Moderate Persistent Asthma in Children: Confirmation by Latent Class Analysis and Association with 1-Year Outcomes. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2617-2627.e4. | 3.8 | 21 |
| 41 | A Deep Breath Bronchoconstricts Obese Asthmatics. <i>Journal of Asthma</i> , 2010, 47, 55-60. | 1.7 | 20 |
| 42 | Adiposity influences airway wall thickness and the asthma phenotype of HIV-associated obstructive lung disease: a cross-sectional study. <i>BMC Pulmonary Medicine</i> , 2016, 16, 111. | 2.0 | 19 |
| 43 | Respiratory Health in Migrant Populations: A Crisis Overlooked. <i>Annals of the American Thoracic Society</i> , 2017, 14, 153-159. | 3.2 | 18 |
| 44 | Obesity Trends among Asthma Patients in the United States: A Population-based Study. <i>Annals of Global Health</i> , 2019, 85, . | 2.0 | 16 |
| 45 | Nitroalkene fatty acids modulate bile acid metabolism and lung function in obese asthma. <i>Scientific Reports</i> , 2021, 11, 17788. | 3.3 | 15 |
| 46 | Geocoding Error, Spatial Uncertainty, and Implications for Exposure Assessment and Environmental Epidemiology. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5845. | 2.6 | 14 |
| 47 | Assessing the association of obesity and asthma morbidity in older adults. <i>Annals of Allergy, Asthma and Immunology</i> , 2016, 117, 33-37. | 1.0 | 12 |
| 48 | The Ability of Patient-Symptom Questionnaires to Differentiate PVFMD From Asthma. <i>Journal of Voice</i> , 2017, 31, 382.e1-382.e8. | 1.5 | 11 |
| 49 | The precision interventions for severe and/or exacerbation-prone asthma (PrecISE) adaptive platform trial: statistical considerations. <i>Journal of Biopharmaceutical Statistics</i> , 2020, 30, 1026-1037. | 0.8 | 11 |
| 50 | Sex Hormones and Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 127-128. | 5.6 | 9 |
| 51 | Lung Cancer Risk among Patients with Asthmaâ€œChronic Obstructive Pulmonary Disease Overlap. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1894-1900. | 3.2 | 8 |
| 52 | Loss of bronchoprotection with ICS plus LABA treatment, Î² ₂ -receptor dynamics, and the effect of alendronate. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 416-425.e7. | 2.9 | 6 |
| 53 | Asthma-Chronic Obstructive Pulmonary Disease Overlap. <i>Immunology and Allergy Clinics of North America</i> , 2020, 40, 565-573. | 1.9 | 5 |
| 54 | Management of severe asthma: summary of the European Respiratory Society/American Thoracic Society task force report. <i>Breathe</i> , 2020, 16, 200058. | 1.3 | 5 |

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|----|--|-----|-----------|
| 55 | Asthma in the Americas: An Update.. Annals of the American Thoracic Society, 2022, , . | 3.2 | 5 |
| 56 | Airway epithelial Paraoxonase-2 in obese asthma. PLoS ONE, 2022, 17, e0261504. | 2.5 | 5 |
| 57 | Management of Severe Asthma Beyond the Guidelines. Current Allergy and Asthma Reports, 2020, 20, 47. | 5.3 | 4 |
| 58 | Idiopathic Hypereosinophilic Syndrome in an Elderly Female: A Case Report. American Journal of Case Reports, 2019, 20, 381-384. | 0.8 | 3 |
| 59 | Contemporary management techniques of asthma in obese patients. Expert Review of Respiratory Medicine, 2020, 14, 249-257. | 2.5 | 2 |
| 60 | Reply. Journal of Allergy and Clinical Immunology, 2019, 144, 873-874. | 2.9 | 0 |
| 61 | An association of the arginase 1 gene with preschool wheezing phenotypes. Pediatric Pulmonology, 2021, 56, 1821-1822. | 2.0 | 0 |
| 62 | Metabolic Risk Factors and the Development of World Trade Center-Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 1008-1010. | 5.6 | 0 |
| 63 | The use of biologics in personalized asthma care. Expert Review of Clinical Immunology, 2021, , 1-9. | 3.0 | 0 |
| 64 | T2 or non-T2 Asthma Exacerbations: That is the Question. American Journal of Respiratory and Critical Care Medicine, 2022, , . | 5.6 | 0 |