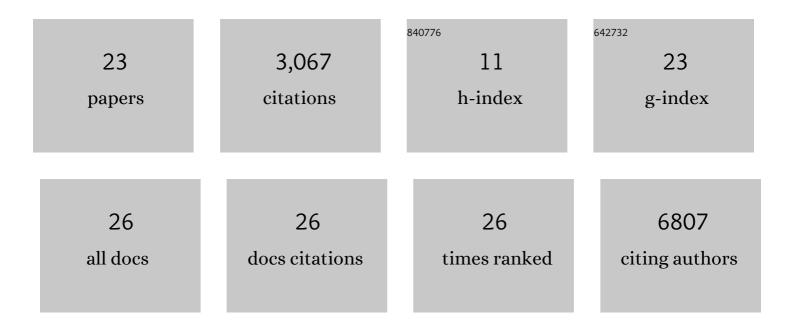
Amrit Singh

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | mixOmics: An R package for â€~omics feature selection and multiple data integration. PLoS Computational Biology, 2017, 13, e1005752. | 3.2 | 2,279 |
| 2 | Dynamic molecular changes during the first week of human life follow a robust developmental trajectory. Nature Communications, 2019, 10, 1092. | 12.8 | 151 |
| 3 | Identifying and targeting pathogenic PI3K/AKT/mTOR signaling in IL-6 blockade–refractory idiopathic multicentric Castleman disease. Journal of Clinical Investigation, 2019, 129, 4451-4463. | 8.2 | 87 |
| 4 | BCG vaccination–induced emergency granulopoiesis provides rapid protection from neonatal sepsis. Science Translational Medicine, 2020, 12, . | 12.4 | 76 |
| 5 | Controlled diesel exhaust and allergen coexposure modulates microRNA and gene expression in humans: Effects on inflammatory lung markers. Journal of Allergy and Clinical Immunology, 2016, 138, 1690-1700. | 2.9 | 67 |
| 6 | Plasma proteomics identifies a â€~chemokine storm' in idiopathic multicentric Castleman disease. American Journal of Hematology, 2018, 93, 902-912. | 4.1 | 63 |
| 7 | A Regulatory T-Cell Gene Signature Is a Specific and Sensitive Biomarker to Identify Children With New-Onset Type 1 Diabetes. Diabetes, 2016, 65, 1031-1039. | 0.6 | 59 |
| 8 | Androgen receptor signaling promotes Treg suppressive function during allergic airway inflammation. Journal of Clinical Investigation, 2022, 132, . | 8.2 | 30 |
| 9 | Th17/Treg ratio derived using DNA methylation analysis is associated with the late phase asthmatic response. Allergy, Asthma and Clinical Immunology, 2014, 10, 32. | 2.0 | 28 |
| 10 | Gene-Metabolite Expression in Blood Can Discriminate Allergen-Induced Isolated Early from Dual Asthmatic Responses. PLoS ONE, 2013, 8, e67907. | 2.5 | 19 |
| 11 | Novel Blood-based Transcriptional Biomarker Panels Predict the Late-Phase Asthmatic Response. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 450-462. | 5.6 | 18 |
| 12 | Plasma proteomics can discriminate isolated early from dual responses in asthmatic individuals undergoing an allergen inhalation challenge. Proteomics - Clinical Applications, 2012, 6, 476-485. | 1.6 | 11 |
| 13 | Blood biomarkers to predict short-term pulmonary exacerbation risk in children and adolescents with CF: A pilot study. Journal of Cystic Fibrosis, 2020, 19, 49-51. | 0.7 | 9 |
| 14 | Community-wide hackathons to identify central themes in single-cell multi-omics. Genome Biology, 2021, 22, 220. | 8.8 | 9 |
| 15 | Methylation of cysteinyl leukotriene receptor 1 genes associates with lung function in asthmatics exposed to traffic-related air pollution. Epigenetics, 2021, 16, 177-185. | 2.7 | 8 |
| 16 | Diagnosis of Western Red Cedar Asthma Using a Blood-based Gene Expression Biomarker Panel. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1615-1617. | 5.6 | 6 |
| 17 | Ensembling Electrical and Proteogenomics Biomarkers for Improved Prediction of Cardiac-Related 3-Month Hospitalizations: A Pilot Study. Canadian Journal of Cardiology, 2019, 35, 471-479. | 1.7 | 6 |
| 18 | Identifying Molecular Mechanisms of the Late-Phase Asthmatic Response by Integrating Cellular, Gene, and Metabolite Levels in Blood. Annals of the American Thoracic Society, 2016, 13, S98-S98. | 3.2 | 6 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Investigating Immune Gene Signatures in Peripheral Blood from Subjects with Allergic Rhinitis Undergoing Nasal Allergen Challenge. Journal of Immunology, 2017, 199, 3395-3405. | 0.8 | 5 |
| 20 | Effects of Controlled Diesel Exhaust and Allergen Exposure on microRNA and Gene Expression in Humans. Modulation of Lung Inflammatory Markers Associated with Asthma. Annals of the American Thoracic Society, 2018, 15, S130-S131. | 3.2 | 4 |
| 21 | Cholinergic synapse pathway gene polymorphisms associated with allergen-induced late asthmatic responses. ERJ Open Research, 2019, 5, 00107-2019. | 2.6 | 4 |
| 22 | Transcriptional Changes of Blood Eosinophils after Methacholine Inhalation Challenge in Asthmatics. Genomics Insights, 2012, 5, GEI.S9125. | 3.0 | 3 |
| 23 | Blood biomarkers of the late phase asthmatic response using RNA-Seq. Allergy, Asthma and Clinical Immunology, 2014, 10, . | 2.0 | 1 |