

Amrit Singh

List of Publications by Year in descending order

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23
papers

3,067
citations

840776

11
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

6807
citing authors

#	ARTICLE	IF	CITATIONS
1	mixOmics: An R package for 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 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

#	ARTICLE	IF	CITATIONS
19	Investigating Immune Gene Signatures in Peripheral Blood from Subjects with Allergic Rhinitis Undergoing Nasal Allergen Challenge. <i>Journal of Immunology</i> , 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. <i>Annals of the American Thoracic Society</i> , 2018, 15, S130-S131.	3.2	4
21	Cholinergic synapse pathway gene polymorphisms associated with allergen-induced late asthmatic responses. <i>ERJ Open Research</i> , 2019, 5, 00107-2019.	2.6	4
22	Transcriptional Changes of Blood Eosinophils after Methacholine Inhalation Challenge in Asthmatics. <i>Genomics Insights</i> , 2012, 5, GEI.S9125.	3.0	3
23	Blood biomarkers of the late phase asthmatic response using RNA-Seq. <i>Allergy, Asthma and Clinical Immunology</i> , 2014, 10, .	2.0	1