Ian M Adcock

List of Publications by Year
in descending order

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574 papers	37,923 citations	2423 97 h-index	4535 171 g-index
603 all docs	603 docs citations	603 times ranked	31792 citing authors

#	Article	IF	Citations
1	Mapping atopic dermatitis and antiâ€"IL-22 response signatures to type 2â€"low severe neutrophilic asthma. Journal of Allergy and Clinical Immunology, 2022, 149, 89-101.	1.5	22
2	Corticosteroid resistance in asthma: Cellular and molecular mechanisms. Molecular Aspects of Medicine, 2022, 85, 100969.	2.7	17
3	Adult Severe Asthma. , 2022, , 383-399.		0
4	Transcription Factors. , 2022, , 733-749.		0
5	Molecular mechanisms of oxidative stress in asthma. Molecular Aspects of Medicine, 2022, 85, 101026.	2.7	90
6	Relationship between type 2 cytokine and inflammasome responses in obesity-associated asthma. Journal of Allergy and Clinical Immunology, 2022, 149, 1270-1280.	1.5	21
7	The Use of Inhaled Corticosteroids for Patients with COPD Who Continue to Smoke Cigarettes: An Evaluation of Current Practice. American Journal of Medicine, 2022, 135, 302-312.	0.6	10
8	Plasma proteins elevated in severe asthma despite oral steroid use and unrelated to Type-2 inflammation. European Respiratory Journal, 2022, 59, 2100142.	3.1	10
9	Association of Differential Mast Cell Activation with Granulocytic Inflammation in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 397-411.	2.5	30
10	A multi-omics approach to delineate sputum microbiome-associated asthma inflammatory phenotypes. European Respiratory Journal, 2022, 59, 2102603.	3.1	11
11	Urinary metabotype of severe asthma evidences decreased carnitine metabolism independent of oral corticosteroid treatment in the U-BIOPRED study. European Respiratory Journal, 2022, 59, 2101733.	3.1	13
12	Galactooligosaccharides and 2â€²-fucosyllactose can directly suppress growth of specific pathogenic microbes and affect phagocytosis of neutrophils. Nutrition, 2022, 96, 111601.	1.1	5
13	The discovAIR project: a roadmap towards the Human Lung Cell Atlas. European Respiratory Journal, 2022, 60, 2102057.	3.1	15
14	Role of oxidative stress in the pathogenesis of COPD. Minerva Medica, 2022, 113, .	0.3	30
15	New drugs under development for COPD. Minerva Medica, 2022, 113, .	0.3	14
16	Decreased serum levels of angiotensin converting enzyme (ACE)2 and enhanced cytokine levels with severity of COVID-19: normalisation upon disease recovery. Heliyon, 2022, 8, e08957.	1.4	3
17	Role of autoimmunity in the pathogenesis of chronic obstructive pulmonary disease and pulmonary emphysema. , 2022, , 311-331.		2
18	The Role of HLA-DRB1 Alleles in Pulmonary Cystic Fibrosis. Iranian Journal of Allergy, Asthma and Immunology, 2022, 21, 189-196.	0.3	1

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19	Lung toxicity of particulates and gaseous pollutants using ex-vivo airway epithelial cell culture systems. Environmental Pollution, 2022, 305, 119323.	3.7	9
20	Clinical and transcriptomic features of persistent exacerbationâ€prone severe asthma in Uâ€BIOPRED cohort. Clinical and Translational Medicine, 2022, 12, e816.	1.7	11
21	Pathways linked to unresolved inflammation and airway remodelling characterize the transcriptome in two independent severe asthma cohorts. Respirology, 2022, 27, 730-738.	1.3	3
22	Recent evidence from omic analysis for redox signalling and mitochondrial oxidative stress in COPD. Journal of Inflammation, 2022, 19, .	1.5	15
23	Adverse roles of mast cell chymase-1 in COPD. European Respiratory Journal, 2022, 60, 2101431.	3.1	17
24	Sputum microbiome profiles identify severe asthma phenotypes of relative stability at 12 to 18 months. Journal of Allergy and Clinical Immunology, 2021, 147, 123-134.	1.5	51
25	Immune modulation via T regulatory cell enhancement: Diseaseâ€modifying therapies for autoimmunity and their potential for chronic allergic and inflammatory diseasesâ€"An EAACI position paper of the Task Force on Immunopharmacology (TIPCO). Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 90-113.	2.7	24
26	Sputum macrophage diversity and activation in asthma: Role of severity and inflammatory phenotype. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 775-788.	2.7	25
27	Urinary Leukotriene E₄and Prostaglandin D₂Metabolites Increase in Adult and Childhood Severe Asthma Characterized by Type 2 Inflammation. A Clinical Observational Study. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 37-53.	2.5	49
28	Instability of sputum molecular phenotypes in U-BIOPRED severe asthma. European Respiratory Journal, 2021, 57, 2001836.	3.1	13
29	An overview of methods of fine and ultrafine particle collection for physicochemical characterisation and toxicity assessments. Science of the Total Environment, 2021, 756, 143553.	3.9	47
30	Noninvasive and minimally invasive techniques for the diagnosis and management of allergic diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1010-1023.	2.7	21
31	Type 2â€low asthma phenotypes by integration of sputum transcriptomics and serum proteomics. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 380-383.	2.7	20
32	Composite type-2 biomarker strategy versus a symptomâ€"risk-based algorithm to adjust corticosteroid dose in patients with severe asthma: a multicentre, single-blind, parallel group, randomised controlled trial. Lancet Respiratory Medicine,the, 2021, 9, 57-68.	5.2	88
33	Glucocorticoids. , 2021, , 1-10.		0
34	BET proteins are associated with the induction of small airway fibrosis in COPD. Thorax, 2021, 76, 647-655.	2.7	9
35	Association of endopeptidases, involved in SARSâ€CoVâ€2 infection, with microbial aggravation in sputum of severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1917-1921.	2.7	3
36	Genome-Wide Association Study of Korean Asthmatics: A Comparison With UK Asthmatics. Allergy, Asthma and Immunology Research, 2021, 13, 609.	1.1	4

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37	Chronic lung inflammation and pulmonary fibrosis after multiple intranasal instillation of <scp>PM₂</scp>_{.5} in mice. Environmental Toxicology, 2021, 36, 1434-1446.	2.1	31
38	Serum cytokine levels of COVID-19 patients after 7Âdays of treatment with Favipiravir or Kaletra. International Immunopharmacology, 2021, 93, 107407.	1.7	16
39	Role of Atypical Chemokines and Chemokine Receptors Pathways in the Pathogenesis of COPD. Current Medicinal Chemistry, 2021, 28, 2577-2653.	1.2	11
40	Epithelial expression and role of secreted STC1 on asthma airway hyperresponsiveness through calcium channel modulation. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2475-2487.	2.7	10
41	Decreased neutrophilâ€mediated bacterial killing in COVIDâ€19 patients. Scandinavian Journal of Immunology, 2021, 94, e13083.	1.3	7
42	MicroRNAs in Human Disease: Commentary. Iranian Journal of Allergy, Asthma and Immunology, 2021, 20, 259-262.	0.3	1
43	Mechanisms and biomarkers of airway epithelial cell damage in asthma: A review. Clinical Respiratory Journal, 2021, 15, 1027-1045.	0.6	10
44	Nutritional Impact and Its Potential Consequences on COVID-19 Severity. Frontiers in Nutrition, 2021, 8, 698617.	1.6	15
45	Medication Adherence in Patients With Severe Asthma Prescribed Oral Corticosteroids in the U-BIOPRED Cohort. Chest, 2021, 160, 53-64.	0.4	10
46	ERS/EAACI statement on adherence to international adult asthma guidelines. European Respiratory Review, 2021, 30, 210132.	3.0	14
47	Epithelialâ€"stromal cell interactions and extracellular matrix mechanics drive the formation of airway-mimetic tubular morphology in lung organoids. IScience, 2021, 24, 103061.	1.9	12
48	Asthmatic patients. , 2021, , 136-153.		0
49	Sputum ACE2, TMPRSS2 and FURIN gene expression in severe neutrophilic asthma. Respiratory Research, 2021, 22, 10.	1.4	27
50	Plasmapheresis reduces cytokine and immune cell levels in COVID-19 patients with acute respiratory distress syndrome (ARDS). Pulmonology, 2021, 27, 486-492.	1.0	33
51	FIZZ2 as a Biomarker for Acute Exacerbation of Chronic Obstructive Pulmonary Disease. Lung, 2021, 199, 629-638.	1.4	1
52	Glutathione-S-transferase P promotes glycolysis in asthma in association with oxidation of pyruvate kinase M2. Redox Biology, 2021, 47, 102160.	3.9	23
53	Evaluation Expression of miR-146a and miR-155 in Non-Small-Cell Lung Cancer Patients. Frontiers in Oncology, 2021, 11, 715677.	1.3	7
54	Neutrophilic inflammation in sputum does not define a clinical distinct asthma phenotype in ATLANTIS. , 2021, , .		0

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55	The carnitine pathway is dysregulated in asthma in an oral corticosteroid-independent mechanism. , 2021, , .		0
56	Decreased neutrophil phagocytosis and killing of bacteria in COVID-19 patients. , 2021, , .		0
57	Myeloid-derived suppressor cells in the blood of COVID-19 patients. , 2021, , .		0
58	Prevalence and characteristics of asthma with fixed airflow obstruction:a CADSET European multi-cohort collaboration. , 2021, , .		0
59	A data management and analysis platform for RASP-UK multiomics clinical datasets. , 2021, , .		0
60	The pan janus kinase (JAK) inhibitor KN-002 suppresses inflammatory mediator release from severe asthma bronchial epithelial cells. , 2021, , .		0
61	T Helper Cell Subsets in the Pleural Fluid of Tuberculous Patients Differentiate Patients With Non-Tuberculous Pleural Effusions. Frontiers in Immunology, 2021, 12, 780453.	2.2	3
62	Glucocorticoids. , 2021, , 704-714.		0
63	Integrated analysis reveals lung fibrinogen gamma chain as a biomarker for chronic obstructive pulmonary disease. Annals of Translational Medicine, 2021, 9, 1765-1765.	0.7	4
64	Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. European Respiratory Journal, 2020, 55, 1900588.	3.1	380
65	Blood eosinophil count and airway epithelial transcriptome relationships in COPD versus asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 370-380.	2.7	37
66	Asthma phenotypes and T-bet protein expression in cells treated with Fluticasone Furoate/Vilanterol. Pulmonary Pharmacology and Therapeutics, 2020, 60, 101886.	1.1	2
67	Role of Metabolic Reprogramming in Pulmonary Innate Immunity and Its Impact on Lung Diseases. Journal of Innate Immunity, 2020, 12, 31-46.	1.8	58
68	Asthma similarities across ProAR (Brazil) and U-BIOPRED (Europe) adult cohorts of contrasting locations, ethnicity and socioeconomic status. Respiratory Medicine, 2020, 161, 105817.	1.3	13
69	Silent hypoxia: higher NO in red blood cells of COVID-19 patients. BMC Pulmonary Medicine, 2020, 20, 269.	0.8	27
70	Mitochondrial dysfunction in airways and quadriceps muscle of patients with chronic obstructive pulmonary disease. Respiratory Research, 2020, 21, 262.	1.4	27
71	MiRNAs in tuberculosis: Their decisive role in the fate of TB. European Journal of Pharmacology, 2020, 886, 173529.	1.7	13
72	FN3K expression in COPD: a potential comorbidity factor for cardiovascular disease. BMJ Open Respiratory Research, 2020, 7, e000714.	1.2	4

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73	eNose breath prints as a surrogate biomarker for classifying patients with asthma by atopy. Journal of Allergy and Clinical Immunology, 2020, 146, 1045-1055.	1.5	22
74	New drugs under development for COPD. Expert Opinion on Emerging Drugs, 2020, 25, 419-431.	1.0	13
75	The Immune Response and Immunopathology of COVID-19. Frontiers in Immunology, 2020, 11, 2037.	2.2	137
76	The miR-146a SNP Rs2910164 and miR-155 SNP rs767649 Are Risk Factors for Non-Small Cell Lung Cancer in the Iranian Population. Canadian Respiratory Journal, 2020, 2020, 1-8.	0.8	7
77	Host-microbe cross-talk in the lung microenvironment: implications for understanding and treating chronic lung disease. European Respiratory Journal, 2020, 56, 1902320.	3.1	17
78	Evaluation of Innate Immune Mediators Related to Respiratory Viruses in the Lung of Stable COPD Patients. Journal of Clinical Medicine, 2020, 9, 1807.	1.0	5
79	Respiratory Viral Infections in Exacerbation of Chronic Airway Inflammatory Diseases: Novel Mechanisms and Insights From the Upper Airway Epithelium. Frontiers in Cell and Developmental Biology, 2020, 8, 99.	1.8	37
80	Role of the mucins in pathogenesis of COPD: implications for therapy. Expert Review of Respiratory Medicine, 2020, 14, 465-483.	1.0	15
81	Vitamin D Metabolism Is Dysregulated in Asthma and Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 371-382.	2.5	56
82	Crucial role for lung iron level and regulation in the pathogenesis and severity of asthma. European Respiratory Journal, 2020, 55, 1901340.	3.1	40
83	ERS International Congress, Madrid, 2019: highlights from the Airway Diseases, Asthma and COPD Assembly. ERJ Open Research, 2020, 6, 00341-2019.	1.1	3
84	How can we minimise the use of regular oral corticosteroids in asthma?. European Respiratory Review, 2020, 29, 190085.	3.0	34
85	The Role of Mast Cells in IgE-Independent Lung Diseases. Clinical Reviews in Allergy and Immunology, 2020, 58, 377-387.	2.9	42
86	Bronchial mucosal inflammation and illness severity in response to experimental rhinovirus infection in COPD. Journal of Allergy and Clinical Immunology, 2020, 146, 840-850.e7.	1.5	8
87	Effect of mesenchymal stem cellâ€derived exosomes on the induction of mouse tolerogenic dendritic cells. Journal of Cellular Physiology, 2020, 235, 7043-7055.	2.0	97
88	Characteristics and treatment regimens across ERS SHARP severe asthma registries. European Respiratory Journal, 2020, 55, 1901163.	3.1	56
89	Histological Evidence for Therapeutic Induction of Angiogenesis Using Mast Cells and Platelet-Rich Plasma within A Bioengineered Scaffold following Rat Hindlimb Ischemia. Cell Journal, 2020, 21, 391-400.	0.2	6
90	Evaluation of Th9 and Th22 cells within pleural effusions of tuberculosis and non-tuberculosis patients. , 2020, , .		0

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91	Oxidative stress and mitochondrial dysfunction in a novel in vivo exacerbation model of severe asthma. , 2020, , .		0
92	Bacterial infections in the lungs of patients with systemic autoimmune diseases. Handbook of Systemic Autoimmune Diseases, 2020, 16, 1-11.	0.1	0
93	SNP Rs11614913 in miR-196a is a risk factor for non-small cell lung cancer in Iranians. , 2020, , .		0
94	Use of biomaterials to tissue engineer 3D models with lung organoids for in-vitro disease modelling. , 2020, , .		0
95	Urinary metabolomics-profiling of the U-BIOPRED asthma study identified biochemical clusters associated with asthma severity. , 2020, , .		0
96	Differential mast cell activation by transcriptomic signature analysis in the U-BIOPRED severe asthma cohort. , 2020, , .		0
97	A CADSET WP4 transcriptomic analysis of Asthma and COPD overlap. , 2020, , .		0
98	Update on CADSET (Chronic Airway Disease Early Stratification) Clinical Research Collaboration. , 2020, , .		0
99	Plasma protein profiles as markers of asthma severity and exposure to oral corticosteroids in U-BIOPRED and BIOAIR. , 2020, , .		0
100	Epithelial IL-6 trans-signaling defines a new asthma phenotype with increased airway inflammation. Journal of Allergy and Clinical Immunology, 2019, 143, 577-590.	1.5	140
101	TRPV1 and TRPA1 in Lung Inflammation and Airway Hyperresponsiveness Induced by Fine Particulate Matter (PM_{2.5}). Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	1.9	48
102	Transcriptional Effects of Ozone and Impact on Airway Inflammation. Frontiers in Immunology, 2019, 10, 1610.	2.2	52
103	IL-22 and its receptors are increased in human and experimental COPD and contribute to pathogenesis. European Respiratory Journal, 2019, 54, 1800174.	3.1	54
104	Bacterial load and inflammatory response in sputum of alpha-1 antitrypsin deficiency patients with COPD . International Journal of COPD, 2019, Volume 14, 1879-1893.	0.9	11
105	Exhaled nitric oxide is not a biomarker for idiopathic pulmonary arterial hypertension or for treatment efficacy. BMC Pulmonary Medicine, 2019, 19, 188.	0.8	6
106	Cellular mechanisms underlying steroid-resistant asthma. European Respiratory Review, 2019, 28, 190096.	3.0	63
107	Contribution of airway eosinophils in airway wall remodeling in asthma: Role of <scp>MMP</scp>â€10 and <scp>MET</scp>. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1102-1112.	2.7	32
108	Stratification of asthma phenotypes by airway proteomic signatures. Journal of Allergy and Clinical Immunology, 2019, 144, 70-82.	1.5	59

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109	Transcription inhibitors and inflammatory cell activity. Current Opinion in Pharmacology, 2019, 46, 82-89.	1.7	6
110	Mitochondrial ROS and NLRP3 inflammasome in acute ozone-induced murine model of airway inflammation and bronchial hyperresponsiveness. Free Radical Research, 2019, 53, 780-790.	1.5	55
111	IL-17â€"high asthma with features of a psoriasis immunophenotype. Journal of Allergy and Clinical Immunology, 2019, 144, 1198-1213.	1.5	80
112	Bromodomain and Extraterminal (BET) Protein Inhibition Restores Redox Balance and Inhibits Myofibroblast Activation. BioMed Research International, 2019, 2019, 1-11.	0.9	23
113	Molecular links between COPD and lung cancer: new targets for drug discovery?. Expert Opinion on Therapeutic Targets, 2019, 23, 539-553.	1.5	53
114	Functional effects of the microbiota in chronic respiratory disease. Lancet Respiratory Medicine,the, 2019, 7, 907-920.	5.2	269
115	Lowâ€frequency ventilation during cardiopulmonary bypass for lung protection: A randomized controlled trial. Journal of Cardiac Surgery, 2019, 34, 385-399.	0.3	5
116	I_MDS: an inflammatory bowel disease molecular activity score to classify patients with differing disease-driving pathways and therapeutic response to anti-TNF treatment. PLoS Computational Biology, 2019, 15, e1006951.	1.5	18
117	Epithelial dysregulation in obese severe asthmatics with gastro-oesophageal reflux. European Respiratory Journal, 2019, 53, 1900453.	3.1	15
118	Chronic Airway Diseases Early Stratification (CADSET): a new ERS Clinical Research Collaboration. European Respiratory Journal, 2019, 53, 1900217.	3.1	25
119	Common Infections and Target Organs Associated with Chronic Granulomatous Disease in Iran. International Archives of Allergy and Immunology, 2019, 179, 62-73.	0.9	24
120	Serum Exosomal miRNAs Are Associated with Active Pulmonary Tuberculosis. Disease Markers, 2019, 2019, 1-9.	0.6	48
121	Precision medicine for the discovery of treatable mechanisms in severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1649-1659.	2.7	75
122	Heightened response to e-cigarettes in COPD. ERJ Open Research, 2019, 5, 00192-2018.	1.1	14
123	The BET Bromodomain Inhibitor I-BET-151 Induces Structural and Functional Alterations of the Heart Mitochondria in Healthy Male Mice and Rats. International Journal of Molecular Sciences, 2019, 20, 1527.	1.8	17
124	Epigenetic impacts of maternal tobacco and e-vapour exposure on the offspring lung. Clinical Epigenetics, 2019, 11, 32.	1.8	29
125	Moderate-to-severe asthma in individuals of European ancestry: a genome-wide association study. Lancet Respiratory Medicine,the, 2019, 7, 20-34.	5.2	183
126	â€œT2-highâ€•in severe asthma related to blood eosinophil, exhaled nitric oxide andÂserum periostin. European Respiratory Journal, 2019, 53, 1800938.	3.1	104

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127	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.	1.5	9
128	CSF3R/CD114 mediates infection-dependent transition to severe asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 785-788.e6.	1.5	28
129	Protective effects of VGX-1027 in PM2.5-induced airway inflammation and bronchial hyperresponsiveness. European Journal of Pharmacology, 2019, 842, 373-383.	1.7	19
130	IL-33 drives influenza-induced asthma exacerbations by halting innate and adaptive antiviral immunity. Journal of Allergy and Clinical Immunology, 2019, 143, 1355-1370.e16.	1.5	72
131	Roles of TRPA1 and TRPV1 in cigarette smoke -induced airway epithelial cell injury model. Free Radical Biology and Medicine, 2019, 134, 229-238.	1.3	103
132	Comparing biologicals and small molecule drug therapies for chronic respiratory diseases: An <scp>EAACI</scp> Taskforce on Immunopharmacology position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 432-448.	2.7	37
133	Treatable traits in the European Uâ€<scp>BIOPRED</scp> adult asthma cohorts. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 406-411.	2.7	37
134	Ezrin, a Membrane Cytoskeleton Cross-Linker Protein, as a Marker of Epithelial Damage in Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 496-507.	2.5	35
135	Is Fezakinumab, an anti-IL22 antibody, a putative novel therapy for a subset of severe asthma?. , 2019, , .		1
136	Late Breaking Abstract - Matrix metalloproteinases in serum and sputum reflect distinct processes of relevance to asthma. , 2019, , .		1
137	Characteristics and treatment regimens across ERS SHARP severe asthma registries. , 2019, , .		3
138	Exosomal miRNAs and association with pulmonary tuberculosis. , 2019, , .		3
139	A bioinformatics analysis of exosomal microRNAs released following mycobacterial infection. International Journal of Mycobacteriology, 2019, 8, 218.	0.3	6
140	The lessons from U-BIOPRED. , 2019, , 152-166.		0
141	Molecular phenotypes of severe asthma. , 2019, , 184-194.		0
142	Corticosteroid responsiveness and resistance in severe asthma. , 2019, , 211-230.		1
143	Pathophysiology of severe asthma. , 2019, , 132-151.		1
144	Subtypes of eosinophilic asthma with discrete gene pathway phenotypes. , 2019, , .		0

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145	Differential macrophage activation in asthmatic sputum using U-BIOPRED transcriptomics. , 2019, , .		0
146	Late Breaking Abstract - Microbiome-driven clusters in severe asthma derived from induced sputum: identification and stability over time. , 2019, , .		0
147	Increased METEORIN-LIKE (ML) expression promotes lung inflammation in asthma. , 2019, , .		0
148	Sputum gene signature comparison study between U-BIOPRED and Australia asthma cohorts. , 2019, , .		0
149	Prediction of longitudinal inflammatory phenotypes using baseline sputum transcriptomics in UBIOPRED. , 2019, , .		0
150	Toll-like receptor 2 and 4 have Opposing Roles in the Pathogenesis of Cigarette Smoke-induced Chronic Obstructive Pulmonary Disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, ajplung.00154.2.	1.3	37
151	Manipulation of Dipeptidylpeptidase 10 in mouse and human in vivo and in vitro models indicates a protective role in asthma. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	11
152	Neutrophilic Asthma. Archivos De Bronconeumologia, 2018, 54, 187-188.	0.4	0
153	Sputum proteomics and airway cell transcripts of current and ex-smokers with severe asthma in U-BIOPRED: an exploratory analysis. European Respiratory Journal, 2018, 51, 1702173.	3.1	67
154	DNA methylation modules in airway smooth muscle are associated with asthma severity. European Respiratory Journal, 2018, 51, 1701068.	3.1	25
155	Neutrophilic Asthma. Archivos De Bronconeumologia, 2018, 54, 187-188.	0.4	0
156	Susceptibility to mycobacterial disease due to mutations in IL-12RÎ²1 in three Iranian patients. Immunogenetics, 2018, 70, 373-379.	1.2	17
157	Role of airway glucose in bacterial infections in patients with chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2018, 142, 815-823.e6.	1.5	63
158	TGF-Î² Signaling Pathways in Different Compartments of the Lower Airways of Patients With Stable COPD. Chest, 2018, 153, 851-862.	0.4	43
159	Research highlights from the 2017 ERS International Congress: airway diseases in focus. ERJ Open Research, 2018, 4, 00163-2017.	1.1	5
160	Sputum transcriptomics reveal upregulation of IL-1 receptor family members in patients with severe asthma. Journal of Allergy and Clinical Immunology, 2018, 141, 560-570.	1.5	166
161	Evidence for M2 macrophages in granulomas from pulmonary sarcoidosis: A new aspect of macrophage heterogeneity. Human Immunology, 2018, 79, 63-69.	1.2	54
162	Mesenchymal stem cells alleviate oxidative stressâ€"induced mitochondrial dysfunction in the airways. Journal of Allergy and Clinical Immunology, 2018, 141, 1634-1645.e5.	1.5	103

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163	Autoimmunity and COPD. Chest, 2018, 153, 1424-1431.	0.4	52
164	Budesonide facilitates weaning from mechanical ventilation in difficult-to-wean very severe COPD patients: Association with inflammatory mediators and cells. Journal of Critical Care, 2018, 44, 161-167.	1.0	10
165	Pathway discovery using transcriptomic profiles in adult-onset severe asthma. Journal of Allergy and Clinical Immunology, 2018, 141, 1280-1290.	1.5	105
166	Effects of the polyunsaturated fatty acids, EPA and DHA, on hematological malignancies: a systematic review. Oncotarget, 2018, 9, 11858-11875.	0.8	50
167	An adult autosomal recessive chronic granulomatous disease patient with pulmonary Aspergillus terreus infection. BMC Infectious Diseases, 2018, 18, 552.	1.3	5
168	Roles of mitochondrial ROS and NLRP3 inflammasome in multiple ozone-induced lung inflammation and emphysema. Respiratory Research, 2018, 19, 230.	1.4	77
169	Role of Stem Cells in the Pathogenesis of Chronic Obstructive Pulmonary Disease and Pulmonary Emphysema. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2018, 15, 536-556.	0.7	12
170	Role of Mast Cells and Type 2 Innate Lymphoid (ILC2) Cells in Lung Transplantation. Journal of Immunology Research, 2018, 2018, 1-9.	0.9	16
171	The Severe Heterogeneous Asthma Research collaboration, Patient-centred (SHARP) ERS Clinical Research Collaboration: a new dawn in asthma research. European Respiratory Journal, 2018, 52, 1801671.	3.1	28
172	Enhanced oxidative stress in smoking and ex-smoking severe asthma in the U-BIOPRED cohort. PLoS ONE, 2018, 13, e0203874.	1.1	18
173	Breaking news: DNA damage and repair pathways in COPD and implications for pathogenesis and treatment. European Respiratory Journal, 2018, 52, 1801718.	3.1	7
174	Update on Neutrophil Function in Severe Inflammation. Frontiers in Immunology, 2018, 9, 2171.	2.2	283
175	Role of inflammatory cells in airway remodeling in COPD. International Journal of COPD, 2018, Volume 13, 3341-3348.	0.9	201
176	Exosomes in Severe Asthma: Update in Their Roles and Potential in Therapy. BioMed Research International, 2018, 2018, 1-10.	0.9	31
177	A computational framework for complex disease stratification from multiple large-scale datasets. BMC Systems Biology, 2018, 12, 60.	3.0	43
178	The Potential Biomarkers and Immunological Effects of Tumor-Derived Exosomes in Lung Cancer. Frontiers in Immunology, 2018, 9, 819.	2.2	75
179	A Preliminary Study of microRNA-208b after Acute Myocardial Infarction: Impact on 6-Month Survival. Disease Markers, 2018, 2018, 1-7.	0.6	23
180	Zymosan attenuates melanoma growth progression, increases splenocyte proliferation and induces TLR-2/4 and TNF-Î± expression in mice. Journal of Inflammation, 2018, 15, 5.	1.5	16

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181	The anti-proliferative and anti-inflammatory response of COPD airway smooth muscle cells to hydrogen sulfide. Respiratory Research, 2018, 19, 85.	1.4	20
182	Large-Scale Label-Free Quantitative Mapping of the Sputum Proteome. Journal of Proteome Research, 2018, 17, 2072-2091.	1.8	16
183	U-BIOPRED accessible handprint: combining omics platforms to identify stable asthma subphenotypes. , 2018, , .		2
184	Measures of adherence in patients with severe asthma prescribed systemic steroids in the U-BIOPRED cohort. , 2018, , .		1
185	Topological data analysis (TDA) of U-BIOPRED paediatric peripheral blood gene expression identified asthma phenotypes characterised by alternative splicing of glucocorticoid receptor (GR) mRNA. , 2018, , .		2
186	Association Between Vitamin D Deficiencies in Sarcoidosis with Disease Activity, Course of Disease and Stages of Lung Involvements. Journal of Medical Biochemistry, 2018, 37, 103-109.	0.7	22
187	Late Breaking Abstract - Longitudinal analysis of variation in clinical features from the U-BIOPRED severe asthma cohort. , 2018, , .		0
188	MIF antagonism restores corticosteroid sensitivity in a murine model of severe asthma. , 2018, , .		0
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