

Alen Faiz

List of Publications by Year in descending order

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Version: 2024-02-01

114
papers

1,695
citations

304602

22
h-index

377752

34
g-index

119
all docs

119
docs citations

119
times ranked

3189
citing authors

#	ARTICLE	IF	CITATIONS
1	Animal and translational models of SARS-CoV-2 infection and COVID-19. <i>Mucosal Immunology</i> , 2020, 13, 877-891.	2.7	155
2	Lysyl oxidases regulate fibrillar collagen remodelling in idiopathic pulmonary fibrosis. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 1301-1312.	1.2	110
3	An airway epithelial IL-17A response signature identifies a steroid-unresponsive COPD patient subgroup. <i>Journal of Clinical Investigation</i> , 2018, 129, 169-181.	3.9	77
4	Susceptibility for cigarette smoke-induced DAMP release and DAMP-induced inflammation in COPD. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L881-L892.	1.3	58
5	Advanced glycation endproducts and their receptor in different body compartments in COPD. <i>Respiratory Research</i> , 2016, 17, 46.	1.4	49
6	miR-146a-5p plays an essential role in the aberrant epithelial-fibroblast cross-talk in COPD. <i>European Respiratory Journal</i> , 2017, 49, 1602538.	3.1	46
7	Genome-wide association study on the FEV ₁ /FVC ratio in never-smokers identifies HHIP and FAM13A. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 533-540.	1.5	45
8	microRNA profiling in lung tissue and bronchoalveolar lavage of cigarette smoke-exposed mice and in COPD patients: a translational approach. <i>Scientific Reports</i> , 2017, 7, 12871.	1.6	44
9	MicroRNA-223 controls the expression of histone deacetylase 2: a novel axis in COPD. <i>Journal of Molecular Medicine</i> , 2016, 94, 725-734.	1.7	41
10	Profiling of healthy and asthmatic airway smooth muscle cells following interleukin-1 β treatment: a novel role for CCL20 in chronic mucus hypersecretion. <i>European Respiratory Journal</i> , 2018, 52, 1800310.	3.1	38
11	microRNA-mRNA regulatory networks underlying chronic mucus hypersecretion in COPD. <i>European Respiratory Journal</i> , 2018, 52, 1701556.	3.1	37
12	Greater cellular stiffness in fibroblasts from patients with idiopathic pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L59-L65.	1.3	37
13	Sputum microbiome profiling in COPD: beyond singular pathogen detection. <i>Thorax</i> , 2020, 75, 338-344.	2.7	37
14	Lung tissue gene-expression signature for the ageing lung in COPD. <i>Thorax</i> , 2018, 73, 609-617.	2.7	36
15	Nasal gene expression differentiates COPD from controls and overlaps bronchial gene expression. <i>Respiratory Research</i> , 2017, 18, 213.	1.4	33
16	Nasal epithelium as a proxy for bronchial epithelium for smoking-induced gene expression and expression Quantitative Trait Loci. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 314-317.e15.	1.5	32
17	Characterising the Mechanism of Airway Smooth Muscle β 2 Adrenoceptor Desensitization by Rhinovirus Infected Bronchial Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e56058.	1.1	31
18	Cigarette smoke exposure decreases CFLAR expression in the bronchial epithelium, augmenting susceptibility for lung epithelial cell death and DAMP release. <i>Scientific Reports</i> , 2018, 8, 12426.	1.6	31

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19	Effect of long-term corticosteroid treatment on microRNA and gene-expression profiles in COPD. <i>European Respiratory Journal</i> , 2019, 53, 1801202.	3.1	29
20	Phenotypic and functional translation of IL33 genetics in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 144-157.	1.5	29
21	Phenotypic and functional translation of IL1RL1 locus polymorphisms in lung tissue and asthmatic airway epithelium. <i>JCI Insight</i> , 2020, 5, .	2.3	26
22	The Expression and Activity of Cathepsins D, H and K in Asthmatic Airways. <i>PLoS ONE</i> , 2013, 8, e57245.	1.1	25
23	Predictive value of eosinophils and neutrophils on clinical effects of ICS in COPD. <i>Respirology</i> , 2018, 23, 1023-1031.	1.3	24
24	COPD GWAS variant at 19q13.2 in relation with DNA methylation and gene expression. <i>Human Molecular Genetics</i> , 2018, 27, 396-405.	1.4	24
25	Impact of acute exposure to cigarette smoke on airway gene expression. <i>Physiological Genomics</i> , 2018, 50, 705-713.	1.0	24
26	Understanding the role of the chromosome 15q25.1 in COPD through epigenetics and transcriptomics. <i>European Journal of Human Genetics</i> , 2018, 26, 709-722.	1.4	21
27	AGER expression and alternative splicing in bronchial biopsies of smokers and never smokers. <i>Respiratory Research</i> , 2019, 20, 70.	1.4	21
28	Increased SARS-CoV-2 Infection, Protease, and Inflammatory Responses in Chronic Obstructive Pulmonary Disease Primary Bronchial Epithelial Cells Defined with Single-Cell RNA Sequencing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 712-729.	2.5	21
29	Cigarette Smoking Acutely Decreases Serum Levels of the Chronic Obstructive Pulmonary Disease Biomarker sRAGE. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1456-1458.	2.5	19
30	Identification of asthma-associated microRNAs in bronchial biopsies. <i>European Respiratory Journal</i> , 2022, 59, 2101294.	3.1	19
31	Phenotype and Functional Features of Human Telomerase Reverse Transcriptase Immortalized Human Airway Smooth Muscle Cells from Asthmatic and Non-Asthmatic Donors. <i>Scientific Reports</i> , 2018, 8, 805.	1.6	17
32	Novel genes and insights in complete asthma remission: A genome-wide association study on clinical and complete asthma remission. <i>Clinical and Experimental Allergy</i> , 2018, 48, 1286-1296.	1.4	17
33	Genome-wide interaction study of gene-by-occupational exposures on respiratory symptoms. <i>Environment International</i> , 2019, 122, 263-269.	4.8	17
34	Marked TGF- β 2-regulated miRNA expression changes in both COPD and control lung fibroblasts. <i>Scientific Reports</i> , 2019, 9, 18214.	1.6	16
35	Gene signatures from scRNA-seq accurately quantify mast cells in biopsies in asthma. <i>Clinical and Experimental Allergy</i> , 2020, 50, 1428-1431.	1.4	16
36	Genetic variance is associated with susceptibility for cigarette smoke-induced DAMP release in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L559-L580.	1.3	15

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37	Lung function associated gene Integrator Complex subunit 12 regulates protein synthesis pathways. BMC Genomics, 2017, 18, 248.	1.2	15
38	Current Smoking is Associated with Decreased Expression of miR-335-5p in Parenchymal Lung Fibroblasts. International Journal of Molecular Sciences, 2019, 20, 5176.	1.8	15
39	COL4A3 is degraded in allergic asthma and degradation predicts response to anti-IgE therapy. European Respiratory Journal, 2021, 58, 2003969.	3.1	15
40	Determinants of expression of SARS-CoV-2 entry-related genes in upper and lower airways. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 690-694.	2.7	15
41	The pharmacogenomics of inhaled corticosteroids and lung function decline in COPD. European Respiratory Journal, 2019, 54, 1900521.	3.1	14
42	Gene network approach reveals co-expression patterns in nasal and bronchial epithelium. Scientific Reports, 2019, 9, 15835.	1.6	14
43	RAGE and TLR4 differentially regulate airway hyperresponsiveness: Implications for COPD. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1123-1135.	2.7	14
44	Assessing the Anti-Inflammatory Activity of the Anxiolytic Drug Buspirone Using CRISPR-Cas9 Gene Editing in LPS-Stimulated BV-2 Microglial Cells. Cells, 2021, 10, 1312.	1.8	13
45	The relation between age and airway epithelial barrier function. Respiratory Research, 2022, 23, 43.	1.4	13
46	Latrophilin receptors: novel bronchodilator targets in asthma. Thorax, 2017, 72, 74-82.	2.7	12
47	Cigarette smoke exposure alters phosphodiesterases in human structural lung cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L59-L64.	1.3	12
48	Remarkable uniformity in the densities of feral honey bee <i>Apis mellifera</i> colonies in <i>Linnæus</i> , 1758 (<i>Hymenoptera: Apidae</i>) colonies in <i>Southeastern Australia</i> . Austral Entomology, 2014, 53, 328-336.	0.8	11
49	The Well-Known Gene <i>HHIP</i> and Novel Gene <i>MECR</i> Are Implicated in Small Airway Obstruction. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1299-1302.	2.5	11
50	MiR-31: A shared regulator of chronic mucus hypersecretion in asthma and chronic obstructive pulmonary disease. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 703-706.	2.7	11
51	Current Smoking Alters Gene Expression and DNA Methylation in the Nasal Epithelium of Patients with Asthma. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 366-377.	1.4	10
52	Sulfatase modifying factor 1 (SUMF1) is associated with Chronic Obstructive Pulmonary Disease. Respiratory Research, 2017, 18, 77.	1.4	9
53	Unique mechanisms of connective tissue growth factor regulation in airway smooth muscle in asthma: Relationship with airway remodelling. Journal of Cellular and Molecular Medicine, 2018, 22, 2826-2837.	1.6	8
54	Differential lung tissue gene expression in males and females: implications for the susceptibility to develop COPD. European Respiratory Journal, 2019, 54, 1702567.	3.1	8

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55	Genetic profiling for disease stratification in chronic obstructive pulmonary disease and asthma. <i>Current Opinion in Pulmonary Medicine</i> , 2019, 25, 317-322.	1.2	8
56	Genetic regulation of gene expression of MIF family members in lung tissue. <i>Scientific Reports</i> , 2020, 10, 16980.	1.6	8
57	Bronchial gene expression signature associated with rate of subsequent FEV ₁ decline in individuals with and at risk of COPD. <i>Thorax</i> , 2022, 77, 31-39.	2.7	8
58	Acute cigarette smoke-induced eQTL affects formyl peptide receptor expression and lung function. <i>Respirology</i> , 2021, 26, 233-240.	1.3	7
59	The sputum transcriptome better predicts COPD exacerbations after the withdrawal of inhaled corticosteroids than sputum eosinophils. <i>ERJ Open Research</i> , 2021, 7, 00097-2021.	1.1	7
60	Differential roles for lysyl oxidase (like), family members in chronic obstructive pulmonary disease; from gene and protein expression to function. <i>FASEB Journal</i> , 2022, 36, .	0.2	7
61	How Can Microarrays Unlock Asthma?. <i>Journal of Allergy</i> , 2012, 2012, 1-15.	0.7	6
62	Gene expression profiling of bronchial brushes is associated with the level of emphysema measured by computed tomography-based parametric response mapping. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L1222-L1228.	1.3	6
63	Single-nucleotide polymorphism rs2070600 regulates <i>AGER</i> splicing and the sputum levels of the COPD biomarker soluble receptor for advanced glycation end-products. <i>ERJ Open Research</i> , 2021, 7, 00947-2020.	1.1	6
64	Determinants of Lung Fissure Completeness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 807-816.	2.5	6
65	Reply to Biswas: Acute and Chronic Effects of Cigarette Smoking on sRAGE. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 806-807.	2.5	5
66	Comparative transcriptome analysis of inner blood-retinal barrier and blood-brain barrier in rats. <i>Scientific Reports</i> , 2021, 11, 12151.	1.6	5
67	High miR203a-3p and miR-375 expression in the airways of smokers with and without COPD. <i>Scientific Reports</i> , 2022, 12, 5610.	1.6	5
68	Low-dose hydralazine reduces albuminuria and glomerulosclerosis in a mouse model of obesity-related chronic kidney disease. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1939-1949.	2.2	5
69	Limited overlap in significant hits between genome-wide association studies on two airflow obstruction definitions in the same population. <i>BMC Pulmonary Medicine</i> , 2019, 19, 58.	0.8	4
70	Nasal gene expression changes with inhaled corticosteroid treatment in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 191-194.	2.7	4
71	High sensitivity and specificity of a <i>S</i> -analyte protein and microRNA biosignature for identification of active tuberculosis. <i>Clinical and Translational Immunology</i> , 2021, 10, e1298.	1.7	4
72	Blood DNA Methylation Predicts Diabetic Kidney Disease Progression in High Fat Diet-Fed Mice. <i>Nutrients</i> , 2022, 14, 785.	1.7	4

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73	<i>COL4A3</i> expression in asthmatic epithelium depends on intronic methylation and ZNF263 binding. ERJ Open Research, 2021, 7, 00802-2020.	1.1	3
74	Angiogenic regulatory influence of extracellular matrix deposited by resting state asthmatic and non-asthmatic airway smooth muscle cells is similar. Journal of Cellular and Molecular Medicine, 2021, 25, 6438-6447.	1.6	3
75	Adsorptive Microtiter Plates As Solid Supports in Affinity Purification Workflows. Journal of Proteome Research, 2021, 20, 5218-5221.	1.8	3
76	Identifying a nasal gene expression signature associated with hyperinflation and treatment response in severe COPD. Scientific Reports, 2020, 10, 17415.	1.6	2
77	Comparison of genome-wide gene expression profiling by RNA Sequencing versus microarray in bronchial biopsies of COPD patients before and after inhaled corticosteroid treatment: does it provide new insights?. ERJ Open Research, 2021, 7, 00104-2021.	1.1	2
78	FKBP5 a candidate for corticosteroid insensitivity in COPD. , 2016, , .		2
79	Changes in DNA methylation after corticosteroids treatment in COPD patients. , 2020, , .		2
80	Novel Genetic Susceptibility Loci for FEV ₁ in the Context of Occupational Exposure in Never-Smokers. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 769-772.	2.5	1
81	The Pharmacogenomics of Inhaled Corticosteroids and Lung Function Decline in COPD Patients. , 2019, , .		1
82	A Bronchial Airway Gene Expression Signature of Future Lung Function Decline Is Enriched in XBP1-Regulated Genes. , 2019, , .		1
83	ERS International Congress, Madrid, 2019: highlights from the Basic and Translational Science Assembly. ERJ Open Research, 2020, 6, 00350-2019.	1.1	1
84	The effect of age on lung epithelial barrier function. , 2018, , .		1
85	The Microbiome in Bronchial Biopsies from Smokers and Ex-Smokers with Stable COPD - A Metatranscriptomic Approach. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2022, 19, 81-87.	0.7	1
86	Quality over quantity: the importance of collecting relevant samples to understand complex diseases. European Respiratory Journal, 2022, 59, 2200418.	3.1	1
87	Gender Effects On Gene Expression In Airway Smooth Muscle Cells In Asthma. , 2011, , .		0
88	The Impact of Acute Smoking on Airway Gene-Expression. Chest, 2015, 148, 746A.	0.4	0
89	A SURPRISING DISCOVERY - IDIOPATHIC HYPEREOSINOPHILIC SYNDROME. Annals of Allergy, Asthma and Immunology, 2018, 121, S94.	0.5	0
90	Shared Single Nucleotide Polymorphisms Regulate Gene Expression of Macrophage Migration Inhibitory Factor and D-Dopachrome Tautomerase-Like Protein in Lung Tissue. , 2019, , .		0

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91	Functional Translation of IL33 Locus Polymorphisms Into Altered Epithelial Cell Function Underlying Asthma. , 2019, , .		0
92	Current Smoking Affects Gene Expression and Methylation Patterns in Asthma Patient Nasal Epithelium. , 2021, , .		0
93	MiR-320d: A novel anti-inflammatory miRNA up regulated by corticosteroids. , 2015, , .		0
94	LSC Abstract â€“ Inducible expression quantitative trait loci: A novel method to identifying genetic variants associated with corticosteroid responsiveness in COPD. , 2016, , .		0
95	A potential role for extracellular matrix proteins in lung ageing in COPD. , 2016, , .		0
96	Effects of ICS/LABA treatment on hyperinflation and genome wide gene-expression in upper airway epithelium in severe COPD. , 2016, , .		0
97	A nasal gene expression profile differentiates individuals with and without COPD and overlaps bronchial gene expression. , 2017, , .		0
98	Gene signatures from U-BIOPRED transcriptomic-associated clusters exist in COPD. , 2017, , .		0
99	Unraveling effects of lung function GWAS candidates using airway epithelial eQTLs. , 2017, , .		0
100	A role for miR-708-5p in the regulation of chronic mucus hypersecretion. , 2017, , .		0
101	Late Breaking Abstract - Functional investigation of the corticosteroid resistance candidate FKBP5 using a CRISPR-Cas9 knockout model. , 2017, , .		0
102	Comparison of gene expression profiles from nasal and bronchial brushes. , 2017, , .		0
103	Cigarette smoke exposure decreases CFLAR expression in bronchial epithelium, augmenting susceptibility for cell death and DAMP release. , 2018, , .		0
104	SNPs which influence the transcriptional response to acute smoke exposure are associated with long term lung function decline in smokers. , 2018, , .		0
105	AGER gene expression and alternative splicing in bronchial biopsies of smokers and non-smokers. , 2018, , .		0
106	Late Breaking Abstract - Endobronchial gene-expression clustering in COPD identifies a subgroup with higher level of lymphocytes and accelerated lung function decline. , 2018, , .		0
107	Longitudinal effects of smoking cessation on DNA methylation in bronchial biopsies of COPD and asymptomatic smokers. , 2019, , .		0
108	Transcriptome Based Signatures: The Future Biomarkers in Obstructive Pulmonary Diseases Such as Asthma and COPD?. American Journal of Respiratory and Critical Care Medicine, 2021, , .	2.5	0

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109	A comparison of the cytotoxicity of different coals in lung epithelial cells. , 2020, , .		0
110	Bronchial airway inducible expression and methylation QTL mapping identifies a single nucleotide polymorphism predicting inhaled corticosteroids response heterogeneity. , 2020, , .		0
111	Gene expression and methylation are altered by smoke cessation in the airway wall. , 2020, , .		0
112	MiR-320d has a regulatory effect in airway inflammation in COPD. , 2020, , .		0
113	Bronchial airway expression of mucin-related, ENaC and chloride channel genes in COPD and non-COPD smokers compared to former and never smokers. , 2020, , .		0
114	Airway Wall Splice-QTL Analysis Reveals Novel Downstream Mechanisms for Well-Known GWAS Asthma-SNPs. , 2022, , .		0