Alen Faiz

List of Publications by Year
in descending order

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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	Bronchial gene expression signature associated with rate of subsequent FEV₁ decline in individuals with and at risk of COPD. Thorax, 2022, 77, 31-39.	2.7	8
2	Identification of asthma-associated microRNAs in bronchial biopsies. European Respiratory Journal, 2022, 59, 2101294.	3.1	19
3	Determinants of expression of SARSâ€CoVâ€2 entryâ€related genes in upper and lower airways. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 690-694.	2.7	15
4	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
5	Blood DNA Methylation Predicts Diabetic Kidney Disease Progression in High Fat Diet-Fed Mice. Nutrients, 2022, 14, 785.	1.7	4
6	The relation between age and airway epithelial barrier function. Respiratory Research, 2022, 23, 43.	1.4	13
7	High miR203a-3p and miR-375 expression in the airways of smokers with and without COPD. Scientific Reports, 2022, 12, 5610.	1.6	5
8	Airway Wall Splice-QTL Analysis Reveals Novel Downstream Mechanisms for Well-Known GWAS Asthma-SNPs. , 2022, , .		0
9	Increased SARS-CoV-2 Infection, Protease, and Inflammatory Responses in Chronic Obstructive Pulmonary Disease Primary Bronchial Epithelial Cells Defined with Single-Cell RNA Sequencing. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 712-729.	2.5	21
10	Lowâ€dose hydralazine reduces albuminuria and glomerulosclerosis in a mouse model of obesityâ€related chronic kidney disease. Diabetes, Obesity and Metabolism, 2022, 24, 1939-1949.	2.2	5
11	Quality over quantity: the importance of collecting relevant samples to understand complex diseases. European Respiratory Journal, 2022, 59, 2200418.	3.1	1
12	Differential roles for lysyl oxidase (like), family members in chronic obstructive pulmonary disease; from gene and protein expression to function. FASEB Journal, 2022, 36, .	0.2	7
13	Acute cigarette smokeâ€induced <scp>eQTL</scp> affects formyl peptide receptor expression and lung function. Respirology, 2021, 26, 233-240.	1.3	7
14	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
15	High sensitivity and specificity of a 5â€analyte protein and microRNA biosignature for identification of active tuberculosis. Clinical and Translational Immunology, 2021, 10, e1298.	1.7	4
16	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
17	COL4A3 expression in asthmatic epithelium depends on intronic methylation and ZNF263 binding. ERJ Open Research, 2021, 7, 00802-2020.	1.1	3
18	Single-nucleotide polymorphism rs2070600 regulates AGER splicing and the sputum levels of the COPD biomarker soluble receptor for advanced glycation end-products. ERJ Open Research, 2021, 7, 00947-2020.	1.1	6

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19	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
20	Current Smoking Affects Gene Expression and Methylation Patterns in Asthma Patient Nasal Epithelium. , 2021, , .		0
21	Determinants of Lung Fissure Completeness. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 807-816.	2.5	6
22	Angiogenic regulatory influence of extracellular matrix deposited by resting state asthmatic and nonâ€asthmatic airway smooth muscle cells is similar. Journal of Cellular and Molecular Medicine, 2021, 25, 6438-6447.	1.6	3
23	The sputum transcriptome better predicts COPD exacerbations after the withdrawal of inhaled corticosteroids than sputum eosinophils. ERJ Open Research, 2021, 7, 00097-2021.	1.1	7
24	Comparative transcriptome analysis of inner blood-retinal barrier and bloodâ€“brain barrier in rats. Scientific Reports, 2021, 11, 12151.	1.6	5
25	COL4A3 is degraded in allergic asthma and degradation predicts response to anti-IgE therapy. European Respiratory Journal, 2021, 58, 2003969.	3.1	15
26	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
27	Phenotypic and functional translation of IL33 genetics in asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 144-157.	1.5	29
28	Adsorptive Microtiter Plates As Solid Supports in Affinity Purification Workflows. Journal of Proteome Research, 2021, 20, 5218-5221.	1.8	3
29	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
30	Nasal gene expression changes with inhaled corticosteroid treatment in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 191-194.	2.7	4
31	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
32	MiRâ€31â€5p: 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
33	Genetic regulation of gene expression of MIF family members in lung tissue. Scientific Reports, 2020, 10, 16980.	1.6	8
34	Identifying a nasal gene expression signature associated with hyperinflation and treatment response in severe COPD. Scientific Reports, 2020, 10, 17415.	1.6	2
35	Gene signatures from scRNAâ€seq accurately quantify mast cells in biopsies in asthma. Clinical and Experimental Allergy, 2020, 50, 1428-1431.	1.4	16
36	Animal and translational models of SARS-CoV-2 infection and COVID-19. Mucosal Immunology, 2020, 13, 877-891.	2.7	155

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37	ERS International Congress, Madrid, 2019: highlights from the Basic and Translational Science Assembly. ERJ Open Research, 2020, 6, 00350-2019.	1.1	1
38	Sputum microbiome profiling in COPD: beyond singular pathogen detection. Thorax, 2020, 75, 338-344.	2.7	37
39	Gene expression profiling of bronchial brushes is associated with the level of emphysema measured by computed tomography-based parametric response mapping. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L1222-L1228.	1.3	6
40	Phenotypic and functional translation of IL1RL1 locus polymorphisms in lung tissue and asthmatic airway epithelium. JCI Insight, 2020, 5, .	2.3	26
41	Changes in DNA methylation after corticosteroids treatment in COPD patients. , 2020, , .		2
42	A comparison of the cytotoxicity of different coals in lung epithelial cells. , 2020, , .		0
43	Bronchial airway inducible expression and methylation QTL mapping identifies a single nucleotide polymorphism predicting inhaled corticosteroids response heterogeneity. , 2020, , .		0
44	Gene expression and methylation are altered by smoke cessationin the airway wall. , 2020, , .		0
45	MiR-320d has a regulatory effect in airway inflammation in COPD. , 2020, , .		0
46	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
47	The pharmacogenomics of inhaled corticosteroids and lung function decline in COPD. European Respiratory Journal, 2019, 54, 1900521.	3.1	14
48	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
49	Shared Single Nucleotide Polymorphisms Regulate Gene Expression of Macrophage Migration Inhibitory Factor and D-Dopachrome Tautomerase-Like Protein in Lung Tissue. , 2019, , .		0
50	The Pharmacogenomics of Inhaled Corticosteroids and Lung Function Decline in COPD Patients. , 2019, , .		1
51	A Bronchial Airway Gene Expression Signature of Future Lung Function Decline Is Enriched in XBP1-Regulated Genes. , 2019, , .		1
52	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
53	Limited overlap in significant hits between genome-wide association studies on two airflow obstruction definitions in the same population. BMC Pulmonary Medicine, 2019, 19, 58.	0.8	4
54	Effect of long-term corticosteroid treatment on microRNA and gene-expression profiles in COPD. European Respiratory Journal, 2019, 53, 1801202.	3.1	29

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55	AGER expression and alternative splicing in bronchial biopsies of smokers and never smokers. Respiratory Research, 2019, 20, 70.	1.4	21
56	Functional Translation of IL33 Locus Polymorphisms Into Altered Epithelial Cell Function Underlying Asthma. , 2019, , .		0
57	Gene network approach reveals co-expression patterns in nasal and bronchial epithelium. Scientific Reports, 2019, 9, 15835.	1.6	14
58	Genetic profiling for disease stratification in chronic obstructive pulmonary disease and asthma. Current Opinion in Pulmonary Medicine, 2019, 25, 317-322.	1.2	8
59	Marked TGF-Î²-regulated miRNA expression changes in both COPD and control lung fibroblasts. Scientific Reports, 2019, 9, 18214.	1.6	16
60	Reply to Biswas: Acute and Chronic Effects of Cigarette Smoking on sRAGE. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 806-807.	2.5	5
61	Genome-wide interaction study of gene-by-occupational exposures on respiratory symptoms. Environment International, 2019, 122, 263-269.	4.8	17
62	Longitudinal effects of smoking cessation on DNA methylation in bronchial biopsies of COPD and asymptomatic smokers. , 2019, , .		0
63	Predictive value of eosinophils and neutrophils on clinical effects of ICS in COPD. Respirology, 2018, 23, 1023-1031.	1.3	24
64	Phenotype and Functional Features of Human Telomerase Reverse Transcriptase Immortalized Human Airway Smooth Muscle Cells from Asthmatic and Non-Asthmatic Donors. Scientific Reports, 2018, 8, 805.	1.6	17
65	COPD GWAS variant at 19q13.2 in relation with DNA methylation and gene expression. Human Molecular Genetics, 2018, 27, 396-405.	1.4	24
66	Understanding the role of the chromosome 15q25.1 in COPD through epigenetics and transcriptomics. European Journal of Human Genetics, 2018, 26, 709-722.	1.4	21
67	Nasal epithelium as a proxy for bronchial epithelium for smoking-induced gene expression and expression Quantitative Trait Loci. Journal of Allergy and Clinical Immunology, 2018, 142, 314-317.e15.	1.5	32
68	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
69	Lung tissue gene-expression signature for the ageing lung in COPD. Thorax, 2018, 73, 609-617.	2.7	36
70	An airway epithelial IL-17A response signature identifies a steroid-unresponsive COPD patient subgroup. Journal of Clinical Investigation, 2018, 129, 169-181.	3.9	77
71	A SURPRISING DISCOVERY - IDIOPATHIC HYPEREOSINOPHILIC SYNDROME. Annals of Allergy, Asthma and Immunology, 2018, 121, S94.	0.5	0
72	Novel genes and insights in complete asthma remission: A genomeâ€wide association study on clinical and complete asthma remission. Clinical and Experimental Allergy, 2018, 48, 1286-1296.	1.4	17

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73	Profiling of healthy and asthmatic airway smooth muscle cells following interleukin-1Î² treatment: a novel role for CCL20 in chronic mucus hypersecretion. European Respiratory Journal, 2018, 52, 1800310.	3.1	38
74	Impact of acute exposure to cigarette smoke on airway gene expression. Physiological Genomics, 2018, 50, 705-713.	1.0	24
75	microRNAâ€“mRNA regulatory networks underlying chronic mucus hypersecretion in COPD. European Respiratory Journal, 2018, 52, 1701556.	3.1	37
76	Greater cellular stiffness in fibroblasts from patients with idiopathic pulmonary fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L59-L65.	1.3	37
77	Cigarette smoke exposure decreases CFLAR expression in the bronchial epithelium, augmenting susceptibility for lung epithelial cell death and DAMP release. Scientific Reports, 2018, 8, 12426.	1.6	31
78	Cigarette Smoking Acutely Decreases Serum Levels of the Chronic Obstructive Pulmonary Disease Biomarker sRAGE. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1456-1458.	2.5	19
79	The effect of age on lung epithelial barrier function. , 2018, , .		1
80	Cigarette smoke exposure decreases CFLAR expression in bronchial epithelium, augmenting susceptibility for cell death and DAMP release. , 2018, , .		0
81	SNPs which influence the transcriptional response to acute smoke exposure are associated with long term lung function decline in smokers. , 2018, , .		0
82	AGER gene expression and alternative splicing in bronchial biopsies of smokers and non-smokers. , 2018, , .		0
83	Late Breaking Abstract - Endobronchial gene-expression clustering in COPD identifies a subgroup with higher level of lymphocytes and accelerated lung function decline. , 2018, , .		0
84	Latrophilin receptors: novel bronchodilator targets in asthma. Thorax, 2017, 72, 74-82.	2.7	12
85	Sulfatase modifying factor 1 (SUMF1) is associated with Chronic Obstructive Pulmonary Disease. Respiratory Research, 2017, 18, 77.	1.4	9
86	Genetic variance is associated with susceptibility for cigarette smoke-induced DAMP release in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L559-L580.	1.3	15
87	miR-146a-5p plays an essential role in the aberrant epithelialâ€“fibroblast cross-talk in COPD. European Respiratory Journal, 2017, 49, 1602538.	3.1	46
88	microRNA profiling in lung tissue and bronchoalveolar lavage of cigarette smoke-exposed mice and in COPD patients: a translational approach. Scientific Reports, 2017, 7, 12871.	1.6	44
89	Lysyl oxidases regulate fibrillar collagen remodelling in idiopathic pulmonary fibrosis. DMM Disease Models and Mechanisms, 2017, 10, 1301-1312.	1.2	110
90	Lung function associated gene Integrator Complex subunit 12 regulates protein synthesis pathways. BMC Genomics, 2017, 18, 248.	1.2	15

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91	Genome-wide association study on the FEV 1 /FVC ratio in never-smokers identifies HHIP and FAM13A. Journal of Allergy and Clinical Immunology, 2017, 139, 533-540.	1.5	45
92	Nasal gene expression differentiates COPD from controls and overlaps bronchial gene expression. Respiratory Research, 2017, 18, 213.	1.4	33
93	A nasal gene expression profile differentiates individuals with and without COPD and overlaps bronchial gene expression. , 2017, , .		0
94	Gene signatures from U-BIOPRED transcriptomic-associated clusters exist in COPD. , 2017, , .		0
95	Unraveling effects of lung function GWAS candidates using airway epithelial eQTLs. , 2017, , .		0
96	A role for miR-708-5p in the regulation of chronic mucus hypersecretion. , 2017, , .		0
97	Late Breaking Abstract - Functional investigation of the corticosteroid resistance candidate FKBP5 using a CRISPR-Cas9 knockout model. , 2017, , .		0
98	Comparison of gene expression profiles from nasal and bronchial brushes. , 2017, , .		0
99	Susceptibility for cigarette smoke-induced DAMP release and DAMP-induced inflammation in COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L881-L892.	1.3	58
100	Novel Genetic Susceptibility Loci for FEV₁ in the Context of Occupational Exposure in Never-Smokers. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 769-772.	2.5	1
101	The Well-Known Gene HHIP and Novel Gene MECR Are Implicated in Small Airway Obstruction. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1299-1302.	2.5	11
102	Advanced glycation endproducts and their receptor in different body compartments in COPD. Respiratory Research, 2016, 17, 46.	1.4	49
103	MicroRNA-223 controls the expression of histone deacetylase 2: a novel axis in COPD. Journal of Molecular Medicine, 2016, 94, 725-734.	1.7	41
104	FKBP5 a candidate for corticosteroid insensitivity in COPD. , 2016, , .		2
105	LSC Abstract â€“ Inducible expression quantitative trait loci: A novel method to identifying genetic variants associated with corticosteroid responsiveness in COPD. , 2016, , .		0
106	A potential role for extracellular matrix proteins in lung ageing in COPD. , 2016, , .		0
107	Effects of ICS/LABA treatment on hyperinflation and genome wide gene-expression in upper airway epithelium in severe COPD. , 2016, , .		0
108	The Impact of Acute Smoking on Airway Gene-Expression. Chest, 2015, 148, 746A.	0.4	0

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109	MiR-320d: A novel anti-inflammatory miRNA up regulated by corticosteroids. , 2015, , .		0
110	Remarkable uniformity in the densities of feral honey bee <scp>A</scp>pis melliferaâ€...<scp>L</scp>innaeus, 1758 (<scp>H</scp>ymenoptera: <scp>A</scp>pidae) colonies in <scp>S</scp>outh <scp>E</scp>astern <scp>A</scp>ustralia. Austral Entomology, 2014, 53, 328-336.	0.8	11
111	Characterising the Mechanism of Airway Smooth Muscle Î²2 Adrenoceptor Desensitization by Rhinovirus Infected Bronchial Epithelial Cells. PLoS ONE, 2013, 8, e56058.	1.1	31
112	The Expression and Activity of Cathepsins D, H and K in Asthmatic Airways. PLoS ONE, 2013, 8, e57245.	1.1	25
113	How Can Microarrays Unlock Asthma?. Journal of Allergy, 2012, 2012, 1-15.	0.7	6
114	Gender Effects On Gene Expression In Airway Smooth Muscle Cells In Asthma. , 2011, , .		0