Ian M Adcock

List of Publications by Year
in descending order

574	37,923	2423	4535
papers	citations	97 h-index	171 g-index

603	603	603	31792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma. European Respiratory Journal, 2014, 43, 343-373.	3.1	2,898
2	Decreased Histone Deacetylase Activity in Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2005, 352, 1967-1976.	13.9	892
3	Glucocorticoid resistance in inflammatory diseases. Lancet, The, 2009, 373, 1905-1917.	6.3	850
4	Anti-inflammatory actions of steroids: molecular mechanisms. Trends in Pharmacological Sciences, 1993, 14, 436-441.	4.0	687
5	Glucocorticoid Receptor Recruitment of Histone Deacetylase 2 Inhibits Interleukin-1Î²-Induced Histone H4 Acetylation on Lysines 8 and 12. Molecular and Cellular Biology, 2000, 20, 6891-6903.	1.1	677
6	Histone deacetylase 2â€“mediated deacetylation of the glucocorticoid receptor enables NF-ÎºB suppression. Journal of Experimental Medicine, 2006, 203, 7-13.	4.2	581
7	A molecular mechanism of action of theophylline: Induction of histone deacetylase activity to decrease inflammatory gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8921-8926.	3.3	461
8	Theophylline Restores Histone Deacetylase Activity and Steroid Responses in COPD Macrophages. Journal of Experimental Medicine, 2004, 200, 689-695.	4.2	442
9	Clinical and inflammatory characteristics of the European U-BIOPRED adult severe asthma cohort. European Respiratory Journal, 2015, 46, 1308-1321.	3.1	434
10	Increased expression of nuclear factor-ÂB in bronchial biopsies from smokers and patients with COPD. European Respiratory Journal, 2002, 20, 556-563.	3.1	383
11	Evidence for Involvement of NF-ÎºB in the Transcriptional Control of COX-2 Gene Expression by IL-1Î². Biochemical and Biophysical Research Communications, 1997, 237, 28-32.	1.0	382
12	Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. European Respiratory Journal, 2020, 55, 1900588.	3.1	380
13	p38 Mitogen-activated protein kinaseâ€“induced glucocorticoid receptor phosphorylation reduces its activity: Role in steroid-insensitive asthma. Journal of Allergy and Clinical Immunology, 2002, 109, 649-657.	1.5	378
14	Corticosteroid resistance in chronic obstructive pulmonary disease: inactivation of histone deacetylase. Lancet, The, 2004, 363, 731-733.	6.3	364
15	Update on glucocorticoid action and resistance. Journal of Allergy and Clinical Immunology, 2006, 117, 522-543.	1.5	343
16	Oxidative stress reduces histone deacetylase 2 activity and enhances IL-8 gene expression: role of tyrosine nitration. Biochemical and Biophysical Research Communications, 2004, 315, 240-245.	1.0	341
17	Oxidative stressâ€“induced mitochondrial dysfunction drives inflammation and airway smooth muscle remodeling in patients with chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2015, 136, 769-780.	1.5	332
18	Positional cloning of a novel gene influencing asthma from Chromosome 2q14. Nature Genetics, 2003, 35, 258-263.	9.4	326

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19	Targeting Phosphoinositide-3-Kinase-Î´ with Theophylline Reverses Corticosteroid Insensitivity in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 897-904.	2.5	321
20	Positional cloning of a quantitative trait locus on chromosome 13q14 that influences immunoglobulin E levels and asthma. Nature Genetics, 2003, 34, 181-186.	9.4	300
21	How Do Corticosteroids Work in Asthma?. Annals of Internal Medicine, 2003, 139, 359.	2.0	300
22	Expression and Activity of Histone Deacetylases in Human Asthmatic Airways. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 392-396.	2.5	296
23	Crossâ€talk between proâ€inflammatory transcription factors and glucocorticoids. Immunology and Cell Biology, 2001, 79, 376-384.	1.0	285
24	T helper type 17-related cytokine expression is increased in the bronchial mucosa of stable chronic obstructive pulmonary disease patients. Clinical and Experimental Immunology, 2009, 157, 316-324.	1.1	283
25	T-helper cell type 2 (Th2) and non-Th2 molecular phenotypes of asthma using sputum transcriptomics in U-BIOPRED. European Respiratory Journal, 2017, 49, 1602135.	3.1	283
26	Update on Neutrophil Function in Severe Inflammation. Frontiers in Immunology, 2018, 9, 2171.	2.2	283
27	Functional effects of the microbiota in chronic respiratory disease. Lancet Respiratory Medicine,the, 2019, 7, 907-920.	5.2	269
28	Relative Corticosteroid Insensitivity of Peripheral Blood Mononuclear Cells in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 134-141.	2.5	247
29	Rhinovirus Infection Induces Degradation of Antimicrobial Peptides and Secondary Bacterial Infection in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 1117-1124.	2.5	238
30	Histone Acetylase and Deacetylase Activity in Alveolar Macrophages and Blood Mononocytes in Asthma. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 141-147.	2.5	237
31	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. Journal of Allergy and Clinical Immunology, 2017, 139, 1797-1807.	1.5	236
32	Application of â€™omics technologies to biomarker discovery in inflammatory lung diseases. European Respiratory Journal, 2013, 42, 802-825.	3.1	234
33	Effects of glucocorticoids on gene transcription. European Journal of Pharmacology, 2004, 500, 51-62.	1.7	229
34	New targets for drug development in asthma. Lancet, The, 2008, 372, 1073-1087.	6.3	223
35	Inhibition of PI3KÎ´ Restores Glucocorticoid Function in Smoking-induced Airway Inflammation in Mice. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 542-548.	2.5	222
36	Molecular Mechanisms of Corticosteroid Resistance. Chest, 2008, 134, 394-401.	0.4	214

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37	Chronic Obstructive Pulmonary Disease and Lung Cancer: New Molecular Insights. Respiration, 2011, 81, 265-284.	1.2	213
38	Glucocorticoid Receptor Nuclear Translocation in Airway Cells after Inhaled Combination Therapy. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 704-712.	2.5	212
39	Role of inflammatory cells in airway remodeling in COPD. International Journal of COPD, 2018, Volume 13, 3341-3348.	0.9	201
40	NF-kB: a pivotal role in asthma and a new target for therapy. Trends in Pharmacological Sciences, 1997, 18, 46-50.	4.0	198
41	Defective glucocorticoid receptor nuclear translocation and altered histone acetylation patterns in glucocorticoid-resistant patients. Journal of Allergy and Clinical Immunology, 2004, 113, 1100-1108.	1.5	194
42	HDAC inhibitors as anti-inflammatory agents. British Journal of Pharmacology, 2007, 150, 829-831.	2.7	193
43	Epigenetic regulation of airway inflammation. Current Opinion in Immunology, 2007, 19, 694-700.	2.4	190
44	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
45	Systems medicine and integrated care to combat chronic noncommunicable diseases. Genome Medicine, 2011, 3, 43.	3.6	181
46	LPS induced inflammatory responses in human peripheral blood mononuclear cells is mediated through NOX4 and GiÎ± dependent PI-3kinase signalling. Journal of Inflammation, 2012, 9, 1.	1.5	180
47	Nuclear localisation of p65 in sputum macrophages but not in sputum neutrophils during COPD exacerbations. Thorax, 2003, 58, 348-351.	2.7	179
48	MicroRNA-21 drives severe, steroid-insensitive experimental asthma by amplifying phosphoinositide 3-kinaseâ€“mediated suppression of histone deacetylase 2. Journal of Allergy and Clinical Immunology, 2017, 139, 519-532.	1.5	176
49	TGFÎ²1 allele association with asthma severity. Human Genetics, 2001, 109, 623-627.	1.8	174
50	MicroRNA Expression Profiling in Mild Asthmatic Human Airways and Effect of Corticosteroid Therapy. PLoS ONE, 2009, 4, e5889.	1.1	170
51	Cellular and molecular mechanisms in chronic obstructive pulmonary disease: an overview. Clinical and Experimental Allergy, 2004, 34, 1156-1167.	1.4	166
52	Treatment Effects of Low-Dose Theophylline Combined With an Inhaled Corticosteroid in COPD. Chest, 2010, 137, 1338-1344.	0.4	166
53	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
54	A Transcriptome-driven Analysis of Epithelial Brushings and Bronchial Biopsies to Define Asthma Phenotypes in U-BIOPRED. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 443-455.	2.5	165

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55	Bronchial epithelial cells: The key effector cells in the pathogenesis of chronic obstructive pulmonary disease?. Respirology, 2015, 20, 722-729.	1.3	164
56	Corticosteroid-insensitive asthma: molecular mechanisms. Journal of Endocrinology, 2003, 178, 347-355.	1.2	161
57	NF-Î²B and Activator Protein 1 Response Elements and the Role of Histone Modifications in IL-1Î²-Induced TGF-Î²1 Gene Transcription. Journal of Immunology, 2006, 176, 603-615.	0.4	160
58	Oxidative Stressâ€“induced Antibodies to Carbonyl-modified Protein Correlate with Severity of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 796-802.	2.5	159
59	The Transcriptional Co-activators CREB-binding Protein (CBP) and p300 Play a Critical Role in Cardiac Hypertrophy That Is Dependent on Their Histone Acetyltransferase Activity. Journal of Biological Chemistry, 2003, 278, 6838-6847.	1.6	156
60	Differential IÎºB Kinase Activation and IÎºBÎ± Degradation by Interleukin-1Î² and Tumor Necrosis Factor-Î± in Human U937 Monocytic Cells. Journal of Biological Chemistry, 1999, 274, 19965-19972.	1.6	154
61	A Severe Asthma Disease Signature from Gene Expression Profiling of Peripheral Blood from U-BIOPRED Cohorts. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1311-1320.	2.5	152
62	Therapeutic Potential of Phosphatidylinositol 3-Kinase Inhibitors in Inflammatory Respiratory Disease. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 1-8.	1.3	148
63	Unbalanced oxidant-induced DNA damage and repair in COPD: a link towards lung cancer. Thorax, 2011, 66, 521-527.	2.7	148
64	COPD immunopathology. Seminars in Immunopathology, 2016, 38, 497-515.	2.8	148
65	Regulation of Th2 Cytokine Genes by p38 MAPK-Mediated Phosphorylation of GATA-3. Journal of Immunology, 2007, 178, 2491-2498.	0.4	146
66	Molecular Mechanisms of Glucocorticosteroid Actions. Pulmonary Pharmacology and Therapeutics, 2000, 13, 115-126.	1.1	141
67	Mucin expression in peripheral airways of patients with chronic obstructive pulmonary disease. Histopathology, 2004, 45, 477-484.	1.6	141
68	Nitration of distinct tyrosine residues causes inactivation of histone deacetylase 2. Biochemical and Biophysical Research Communications, 2009, 384, 366-371.	1.0	140
69	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
70	Glucocorticoids: Effects on Gene Transcription. Proceedings of the American Thoracic Society, 2004, 1, 247-254.	3.5	138
71	Cancers Related to Immunodeficiencies: Update and Perspectives. Frontiers in Immunology, 2016, 7, 365.	2.2	137
72	The Immune Response and Immunopathology of COVID-19. Frontiers in Immunology, 2020, 11, 2037.	2.2	137

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73	Airway Smooth Muscle Hyperproliferation is Regulated by microRNA-221 in Severe Asthma. American Journal of Respiratory Cell and Molecular Biology, 2013, 50, 130814131000002.	1.4	136
74	An Integrative Systems Biology Approach to Understanding Pulmonary Diseases. Chest, 2010, 137, 1410-1416.	0.4	135
75	Epigenetics and airways disease. Respiratory Research, 2006, 7, 21.	1.4	133
76	Interaction of Pattern Recognition Receptors with Mycobacterium Tuberculosis. Journal of Clinical Immunology, 2015, 35, 1-10.	2.0	129
77	Differential regulation of the constitutive and inducible nitric oxide synthase mRNA by lipopolysacchride treatment in vivo in the rat. Critical Care Medicine, 1996, 24, 1219-1225.	0.4	128
78	Nitrosative stress in the bronchial mucosa of severe chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2005, 116, 1028-1035.	1.5	127
79	p65-activated Histone Acetyltransferase Activity Is Repressed by Glucocorticoids. Journal of Biological Chemistry, 2001, 276, 30208-30215.	1.6	123
80	Animal models of <scp>COPD</scp>: <scp>W</scp>hat do they tell us?. Respirology, 2017, 22, 21-32.	1.3	122
81	Increased p21CIP1/WAF1and B Cell Lymphoma Leukemia-xLExpression and Reduced Apoptosis in Alveolar Macrophages from Smokers. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 724-731.	2.5	121
82	STAT4 activation in smokers and patients with chronic obstructive pulmonary disease. European Respiratory Journal, 2004, 24, 78-85.	3.1	120
83	Histone Deacetylation: An Important Mechanism in Inflammatory Lung Diseases. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2005, 2, 445-455.	0.7	119
84	The role of histone deacetylases in asthma and allergic diseases. Journal of Allergy and Clinical Immunology, 2008, 121, 580-584.	1.5	118
85	The roles of miRNAs as potential biomarkers in lung diseases. European Journal of Pharmacology, 2016, 791, 395-404.	1.7	116
86	Inhaled corticosteroids as combination therapy with Î²-adrenergic agonists in airways disease: present and future. European Journal of Clinical Pharmacology, 2009, 65, 853-871.	0.8	115
87	Ligand-induced differentiation of glucocorticoid receptor (GR) trans-repression and transactivation: preferential targetting of NF-Î² B and lack of I-Î² B involvement. British Journal of Pharmacology, 1999, 127, 1003-1011.	2.7	106
88	The Journal of Inflammation. Journal of Inflammation, 2004, 1, 1.	1.5	106
89	Exosomes and Exosomal miRNA in Respiratory Diseases. Mediators of Inflammation, 2016, 2016, 1-11.	1.4	106
90	Low-dose Theophylline Reduces Eosinophilic Inflammation but Not Exhaled Nitric Oxide in Mild Asthma. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 273-276.	2.5	105

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91	Pathway discovery using transcriptomic profiles in adult-onset severe asthma. Journal of Allergy and Clinical Immunology, 2018, 141, 1280-1290.	1.5	105
92	â€œT2-highâ€•in severe asthma related to blood eosinophil, exhaled nitric oxide andÂserum periostin. European Respiratory Journal, 2019, 53, 1800938.	3.1	104
93	Effects of Inhaled Corticosteroid Therapy on Expression and DNA-Binding Activity of Nuclear Factor Îº B in Asthma. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 224-231.	2.5	103
94	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
95	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
96	Superinduction of COX-2 mRNA by cycloheximide and interleukin-1Î² involves increased transcription and correlates with increased NF-ÎºB and JNK activation. FEBS Letters, 1997, 418, 135-138.	1.3	102
97	Alteration of Adenosine Receptors in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 398-406.	2.5	101
98	Expression of Heme Oxygenase Isoenzymes 1 and 2 in Normal and Asthmatic Airways. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 1912-1918.	2.5	100
99	Role of TLR2, TLR4, and MyD88 in murine ozone-induced airway hyperresponsiveness and neutrophilia. Journal of Applied Physiology, 2007, 103, 1189-1195.	1.2	100
100	Targeted anti-inflammatory therapeutics in asthma and chronic obstructive lung disease. Translational Research, 2016, 167, 192-203.	2.2	100
101	A role for phosphoinositol 3â€“kinase Î´ in the impairment of glucocorticoid responsiveness in patients with chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2010, 125, 1146-1153.	1.5	99
102	Innate immunity but not NLRP3 inflammasome activation correlates with severity of stable COPD. Thorax, 2014, 69, 516-524.	2.7	99
103	Induction of Phosphodiesterases 3B, 4A4, 4D1, 4D2, and 4D3 in Jurkat T-cells and in Human Peripheral Blood T-lymphocytes by 8-Bromo-cAMP and Gs-coupled Receptor Agonists. Journal of Biological Chemistry, 1998, 273, 20575-20588.	1.6	97
104	Cytokine production by bronchoalveolar lavage T lymphocytes in chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2006, 117, 1484-1492.	1.5	97
105	Nitric Oxide in the Pathogenesis and Treatment of Tuberculosis. Frontiers in Microbiology, 2017, 8, 2008.	1.5	97
106	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
107	Probiotics in the Management of Lung Diseases. Mediators of Inflammation, 2013, 2013, 1-10.	1.4	95
108	Transcriptional profiling identifies the long noncoding RNA plasmacytoma variant translocation () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Allergy and Clinical Immunology, 2017, 139, 780-789.	1.5	95

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109	Effect of dexamethasone on interleukin-1beta-(IL-1beta)-induced nuclear factor-kappaB (NF-kappaB) and kappaB-dependent transcription in epithelial cells. FEBS Journal, 1998, 254, 81-89.	0.2	93
110	Pharmacology of airway inflammation in asthma and COPD. Pulmonary Pharmacology and Therapeutics, 2003, 16, 247-277.	1.1	90
111	Steroid resistance in asthma: Mechanisms and treatment options. Current Allergy and Asthma Reports, 2008, 8, 171-178.	2.4	90
112	Brd4 Is Essential for IL-1Î²-Induced Inflammation in Human Airway Epithelial Cells. PLoS ONE, 2014, 9, e95051.	1.1	90
113	Glucocorticoids. Handbook of Experimental Pharmacology, 2016, 237, 171-196.	0.9	90
114	Molecular mechanisms of oxidative stress in asthma. Molecular Aspects of Medicine, 2022, 85, 101026.	2.7	90
115	Cytokine inhibition in the treatment of COPD. International Journal of COPD, 2014, 9, 397.	0.9	88
116	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
117	Induction and regulation of matrix metalloproteinase-12in human airway smooth muscle cells. Respiratory Research, 2005, 6, 148.	1.4	86
118	Cigarette Smoke Activates Human Monocytes by an Oxidant-AP-1 Signaling Pathway: Implications for Steroid Resistance. Molecular Pharmacology, 2005, 68, 1343-1353.	1.0	85
119	Molecular interactions between glucocorticoids and long-acting Î²2-agonists. Journal of Allergy and Clinical Immunology, 2002, 110, S261-S268.	1.5	83
120	Modulation of LPS stimulated NF-kappaB mediated Nitric Oxide production by PKCÎµ and JAK2 in RAW macrophages. Journal of Inflammation, 2007, 4, 23.	1.5	83
121	Suppression of GATA-3 Nuclear Import and Phosphorylation: A Novel Mechanism of Corticosteroid Action in Allergic Disease. PLoS Medicine, 2009, 6, e1000076.	3.9	83
122	MUC5AC expression is increased in bronchial submucosal glands of stable COPD patients. Histopathology, 2009, 55, 321-331.	1.6	83
123	Mechanisms involved in lung cancer development in COPD. International Journal of Biochemistry and Cell Biology, 2011, 43, 1030-1044.	1.2	83
124	Differential patterns of histone acetylation in inflammatory bowel diseases. Journal of Inflammation, 2011, 8, 1.	1.5	83
125	Corticosteroid Inhibition of Growth-Related Oncogene Protein-Î± via Mitogen-Activated Kinase Phosphatase-1 in Airway Smooth Muscle Cells. Journal of Immunology, 2007, 178, 7366-7375.	0.4	82
126	Anti-Inflammatory Effects of Lactobacillus Rahmnosus and Bifidobacterium Breve on Cigarette Smoke Activated Human Macrophages. PLoS ONE, 2015, 10, e0136455.	1.1	81

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127	Inhibition of CD73 Improves B Cell-Mediated Anti-Tumor Immunity in a Mouse Model of Melanoma. Journal of Immunology, 2012, 189, 2226-2233.	0.4	80
128	Rhinovirus infection causes steroid resistance in airway epithelium through nuclear factor ÎºB and c-Jun N-terminal kinase activation. Journal of Allergy and Clinical Immunology, 2013, 132, 1075-1085.e6.	1.5	80
129	IL-17â€“high asthma with features of a psoriasis immunophenotype. Journal of Allergy and Clinical Immunology, 2019, 144, 1198-1213.	1.5	80
130	Association of increased CCL5 and CXCL7 chemokine expression with neutrophil activation in severe stable COPD. Thorax, 2009, 64, 968-975.	2.7	79
131	Klotho expression is reduced in COPD airway epithelial cells: effects on inflammation and oxidant injury. Clinical Science, 2015, 129, 1011-1023.	1.8	79
132	Research in progress: Medical Research Council United Kingdom Refractory Asthma Stratification Programme (RASP-UK). Thorax, 2016, 71, 187-189.	2.7	78
133	Effect of interleukin-10 on the production of tumor necrosis factor-alpha by peripheral blood mononuclear cells from patients with chronic heart failure. American Journal of Cardiology, 2002, 90, 384-389.	0.7	77
134	Hydrogen Sulfide Inhibits Proliferation and Release of IL-8 from Human Airway Smooth Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 746-752.	1.4	77
135	Nuclear Factor Îº-B Is Activated in the Pulmonary Vessels of Patients with End-Stage Idiopathic Pulmonary Arterial Hypertension. PLoS ONE, 2013, 8, e75415.	1.1	77
136	Roles of mitochondrial ROS and NLRP3 inflammasome in multiple ozone-induced lung inflammation and emphysema. Respiratory Research, 2018, 19, 230.	1.4	77
137	Superinduction of NF-ÎºB by Actinomycin D and Cycloheximide in Epithelial Cells. Biochemical and Biophysical Research Communications, 1996, 218, 518-523.	1.0	76
138	The â€œIronâ€•y of Iron Overload and Iron Deficiency in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1103-1112.	2.5	76
139	The Potential Biomarkers and Immunological Effects of Tumor-Derived Exosomes in Lung Cancer. Frontiers in Immunology, 2018, 9, 819.	2.2	75
140	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
141	Decreased T lymphocyte infiltration in bronchial biopsies of subjects with severe chronic obstructive pulmonary disease. Clinical and Experimental Allergy, 2001, 31, 893-902.	1.4	73
142	Glucocorticoid-mediated transrepression is regulated by histone acetylation and DNA methylation. European Journal of Pharmacology, 2001, 429, 327-334.	1.7	73
143	Expression of GATA family of transcription factors in T-cells, monocytes and bronchial biopsies. European Respiratory Journal, 2001, 18, 466-473.	3.1	72
144	IL-1Î² and TNF-Î± Regulation of the Adenosine Receptor (A2A) Expression: Differential Requirement for NF-ÎºB Binding to the Proximal Promoter. Journal of Immunology, 2006, 177, 7173-7183.	0.4	72

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145	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
146	Oxidative and Nitrosative Stress and Histone Deacetylase-2 Activity in Exacerbations of COPD. Chest, 2016, 149, 62-73.	0.4	70
147	Î²-adrenoceptor agonists interfere with glucocorticoid receptor DNA binding in rat lung. European Journal of Pharmacology, 1995, 289, 275-281.	2.7	69
148	Nuclear IL-33 regulates soluble ST2 receptor and IL-6 expression in primary human arterial endothelial cells and is decreased in idiopathic pulmonary arterial hypertension. Biochemical and Biophysical Research Communications, 2014, 451, 8-14.	1.0	69
149	Formoterol Attenuates Neutrophilic Airway Inflammation in Asthma. Chest, 2005, 128, 1936-1942.	0.4	68
150	Impact of protein acetylation in inflammatory lung diseases. , 2007, 116, 249-265.		68
151	Potential role of c-Jun NH2-terminal kinase in allergic airway inflammation and remodelling: effects of SP600125. European Journal of Pharmacology, 2005, 506, 273-283.	1.7	67
152	Redox Regulation of Histone Deacetylases and Glucocorticoid-Mediated Inhibition of the Inflammatory Response. Antioxidants and Redox Signaling, 2005, 7, 144-152.	2.5	67
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	p38 Mitogen-Activated Protein Kinase-Î³ Inhibition by Long-Acting Î²2 Adrenergic Agonists Reversed Steroid Insensitivity in Severe Asthma. Molecular Pharmacology, 2011, 80, 1128-1135.	1.0	66
155	A model of chronic inflammation and pulmonary emphysema after multiple ozone exposures in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L691-L700.	1.3	66
156	Role of non-coding RNAs in maintaining primary airway smooth muscle cells. Respiratory Research, 2014, 15, 58.	1.4	66
157	Hydrogen Peroxide in Exhaled Breath Condensate in Patients with Asthma. Chest, 2011, 140, 108-116.	0.4	64
158	B Cells Contribute to the Antitumor Activity of CpG-Oligodeoxynucleotide in a Mouse Model of Metastatic Lung Carcinoma. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1369-1379.	2.5	64
159	Towards a 21st-century roadmap for biomedical research and drug discovery: consensus report and recommendations. Drug Discovery Today, 2017, 22, 327-339.	3.2	64
160	Albuterol-induced downregulation of GsÎ± accounts for pulmonary Î²2-adrenoceptor desensitization in vivo. Journal of Clinical Investigation, 2000, 106, 125-135.	3.9	64
161	Role of nitric oxide in allergic inflammation and bronchial hyperresponsiveness. European Journal of Pharmacology, 2002, 452, 123-133.	1.7	63
162	Glucocorticoid Receptor Nitration Leads to Enhanced Anti-Inflammatory Effects of Novel Steroid Ligands. Journal of Immunology, 2003, 171, 3245-3252.	0.4	63

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163	Steroid resistance in asthma: a major problem requiring novel solutions or a non-issue?. Current Opinion in Pharmacology, 2004, 4, 257-262.	1.7	63
164	Synergistic Induction of Endothelin-1 by Tumor Necrosis Factor Î± and Interferon Î³ Is due to Enhanced NF-ÎºB Binding and Histone Acetylation at Specific ÎºB Sites. Journal of Biological Chemistry, 2009, 284, 24297-24305.	1.6	63
165	Epigenetics in asthma and COPD. Biochimie, 2012, 94, 2231-2241.	1.3	63
166	A comprehensive analysis of oxidative stress in the ozone-induced lung inflammation mouse model. Clinical Science, 2014, 126, 425-440.	1.8	63
167	Bronchial inflammation and bacterial load in stable COPD is associated with TLR4 overexpression. European Respiratory Journal, 2017, 49, 1602006.	3.1	63
168	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
169	Cellular mechanisms underlying steroid-resistant asthma. European Respiratory Review, 2019, 28, 190096.	3.0	63
170	CCL11 as a potential diagnostic marker for asthma?. Journal of Asthma, 2014, 51, 847-854.	0.9	62
171	Microarray analysis of long non-coding RNAs in COPD lung tissue. Inflammation Research, 2015, 64, 119-126.	1.6	62
172	SMADS AS INTRACELLULAR MEDIATORS OF AIRWAY INFLAMMATION. Experimental Lung Research, 2004, 30, 223-250.	0.5	61
173	Bromodomain and Extraterminal Proteins Suppress NF-E2â€“Related Factor 2â€“Mediated Antioxidant Gene Expression. Journal of Immunology, 2014, 192, 4913-4920.	0.4	61
174	Loss of Control of Asthma Following Inhaled Corticosteroid Withdrawal Is Associated With Increased Sputum Interleukin-8 and Neutrophils. Chest, 2007, 132, 98-105.	0.4	59
175	Stratification of asthma phenotypes by airway proteomic signatures. Journal of Allergy and Clinical Immunology, 2019, 144, 70-82.	1.5	59
176	Oxidative stress and steroid resistance in asthma and COPD: pharmacological manipulation of HDAC-2 as a therapeutic strategy. Expert Opinion on Therapeutic Targets, 2007, 11, 745-755.	1.5	58
177	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
178	Long-acting fluticasone furoate has a superior pharmacological profile to fluticasone propionate in human respiratory cells. European Journal of Pharmacology, 2011, 670, 244-251.	1.7	57
179	Allergen-induced inflammation and airway epithelial and smooth muscle cell proliferation: role of Jun N-terminal kinase. British Journal of Pharmacology, 2003, 140, 1373-1380.	2.7	56
180	Attenuation of Ozone-Induced Airway Inflammation and Hyper-Responsiveness by c-Jun NH2 Terminal Kinase Inhibitor SP600125. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 351-359.	1.3	56

#	Article	IF	Citations
181	Conjugated Alpha-Alumina nanoparticle with vasoactive intestinal peptide as a Nano-drug in treatment of allergic asthma in mice. European Journal of Pharmacology, 2016, 791, 811-820.	1.7	56
182	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
183	Characteristics and treatment regimens across ERS SHARP severe asthma registries. European Respiratory Journal, 2020, 55, 1901163.	3.1	56
184	Inducible nitric oxide synthase after sensitization and allergen challenge of Brown Norway rat lung. British Journal of Pharmacology, 1997, 121, 1241-1246.	2.7	55
185	Divergent effect of mometasone on human eosinophil and neutrophil apoptosis. Life Sciences, 2002, 71, 1523-1534.	2.0	55
186	Hydrogen Peroxide Prolongs Nuclear Localization of NF-Îºß in Activated Cells by Suppressing Negative Regulatory Mechanisms. Journal of Biological Chemistry, 2008, 283, 18582-18590.	1.6	55
187	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
188	Evidence for M2 macrophages in granulomas from pulmonary sarcoidosis: A new aspect of macrophage heterogeneity. Human Immunology, 2018, 79, 63-69.	1.2	54
189	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
190	Simvastatin Suppresses Airway IL-17 and Upregulates IL-10 in Patients With Stable COPD. Chest, 2015, 148, 1164-1176.	0.4	53
191	Molecular links between COPD and lung cancer: new targets for drug discovery?. Expert Opinion on Therapeutic Targets, 2019, 23, 539-553.	1.5	53
192	Histone Acetylation and Histone Deacetylation. Molecular Biotechnology, 2002, 20, 099-106.	1.3	52
193	Effects of interleukin-1Î², interleukin-13 and transforming growth factor-Î² on gene expression in human airway smooth muscle using gene microarrays. European Journal of Pharmacology, 2004, 497, 255-265.	1.7	52
194	Increased neutrophil gelatinase-associated lipocalin (NGAL) promotes airway remodelling in chronic obstructive pulmonary disease. Clinical Science, 2017, 131, 1147-1159.	1.8	52
195	Autoimmunity and COPD. Chest, 2018, 153, 1424-1431.	0.4	52
196	Transcriptional Effects of Ozone and Impact on Airway Inflammation. Frontiers in Immunology, 2019, 10, 1610.	2.2	52
197	Bovis Bacillus Calmetteâ€“Guerin (BCG) infection induces exosomal miRNA release by human macrophages. Journal of Translational Medicine, 2017, 15, 105.	1.8	51
198	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

#	Article	IF	Citations
199	Phosphodiesterase expression in human epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L694-L700.	1.3	50
200	Attenuated Production of Intracellular IL-10 and IL-12 in Monocytes from Patients with Severe Asthma. Clinical Immunology, 2002, 102, 258-266.	1.4	50
201	Importinâ€7 mediates glucocorticoid receptor nuclear import and is impaired by oxidative stress, leading to glucocorticoid insensitivity. FASEB Journal, 2013, 27, 4510-4519.	0.2	50
202	Effects of the polyunsaturated fatty acids, EPA and DHA, on hematological malignancies: a systematic review. Oncotarget, 2018, 9, 11858-11875.	0.8	50
203	Oxidative stress modulates theophylline effects on steroid responsiveness. Biochemical and Biophysical Research Communications, 2008, 377, 797-802.	1.0	49
204	Hypoxia-inducible Factor 1Î± Induces Corticosteroid-insensitive Inflammation via Reduction of Histone Deacetylase-2 Transcription. Journal of Biological Chemistry, 2009, 284, 36047-36054.	1.6	49
205	Exhaled carbon monoxide in asthmatics: a meta-analysis. Respiratory Research, 2010, 11, 50.	1.4	49
206	Epigenome-modifying tools in asthma. Epigenomics, 2015, 7, 1017-1032.	1.0	49
207	BET Bromodomains Regulate Transforming Growth Factor-Î²-induced Proliferation and Cytokine Release in Asthmatic Airway Smooth Muscle. Journal of Biological Chemistry, 2015, 290, 9111-9121.	1.6	49
208	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
209	Role of Transcription Factors in the Pathogenesis of Asthma and COPD. Cell Communication and Adhesion, 2013, 20, 21-40.	1.0	48
210	Metabolic re-patterning in COPD airway smooth muscle cells. European Respiratory Journal, 2017, 50, 1700202.	3.1	48
211	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
212	Serum Exosomal miRNAs Are Associated with Active Pulmonary Tuberculosis. Disease Markers, 2019, 2019, 1-9.	0.6	48
213	Glucocorticoid Pathways in Chronic Obstructive Pulmonary Disease Therapy. Proceedings of the American Thoracic Society, 2005, 2, 313-319.	3.5	47
214	New drugs targeting Th2 lymphocytes in asthma. Journal of Occupational Medicine and Toxicology, 2008, 3, S6.	0.9	47
215	Inhaled long-acting Î²2 agonists enhance glucocorticoid receptor nuclear translocation and efficacy in sputum macrophages in COPD. Journal of Allergy and Clinical Immunology, 2013, 132, 1166-1173.	1.5	47
216	Sputum myeloperoxidase in chronic obstructive pulmonary disease. European Journal of Medical Research, 2014, 19, 12.	0.9	47

#	Article	IF	Citations
217	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
218	Tumour Necrosis Factor-Î± Regulates Human Eosinophil Apoptosis via Ligation of TNF-Receptor 1 and Balance between NF-ÎºB and AP-1. PLoS ONE, 2014, 9, e90298.	1.1	47
219	Glucocorticoids: New mechanisms and future agents. Current Allergy and Asthma Reports, 2003, 3, 249-257.	2.4	46
220	Role of microRNAs in allergic asthma. Current Opinion in Allergy and Clinical Immunology, 2015, 15, 156-162.	1.1	46
221	Chronic Obstructive Pulmonary Disease and Lung Cancer: A Lethal Association. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 866-867.	2.5	45
222	Statins as potential therapeutic drug for asthma?. Respiratory Research, 2012, 13, 108.	1.4	45
223	Bromodomain and extraâ€terminal protein mimic <scp>JQ1</scp> decreases inflammation in human vascular endothelial cells: Implications for pulmonary arterial hypertension. Respirology, 2017, 22, 157-164.	1.3	45
224	Effect of an inhibitor of Jun N-terminal protein kinase, SP600125, in single allergen challenge in sensitized rats. Immunology, 2004, 112, 446-453.	2.0	44
225	Epigenetics of asthma. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 1103-1109.	1.1	44
226	Severe asthma exists despite suppressed tissue inflammation: findings of the U-BIOPRED study. European Respiratory Journal, 2016, 48, 1307-1319.	3.1	44
227	Transcriptomic gene signatures associated with persistent airflow limitation in patients with severe asthma. European Respiratory Journal, 2017, 50, 1602298.	3.1	44
228	Histone deacetylase inhibitors induce apoptosis in human eosinophils and neutrophils. Journal of Inflammation, 2010, 7, 9.	1.5	43
229	Phosphatidylinositol 3-kinase isoforms as targets in respiratory disease. Therapeutic Advances in Respiratory Disease, 2010, 4, 19-34.	1.0	43
230	Chromosome 17q21 SNP and severe asthma. Journal of Human Genetics, 2011, 56, 97-98.	1.1	43
231	TGF-Î² Signaling Pathways in Different Compartments of the Lower Airways of Patients With Stable COPD. Chest, 2018, 153, 851-862.	0.4	43
232	A computational framework for complex disease stratification from multiple large-scale datasets. BMC Systems Biology, 2018, 12, 60.	3.0	43
233	BMP-9 Induced Endothelial Cell Tubule Formation and Inhibition of Migration Involves Smad1 Driven Endothelin-1 Production. PLoS ONE, 2012, 7, e30075.	1.1	43
234	The MIF Antagonist ISO-1 Attenuates Corticosteroid-Insensitive Inflammation and Airways Hyperresponsiveness in an Ozone-Induced Model of COPD. PLoS ONE, 2016, 11, e0146102.	1.1	43

#	Article	IF	Citations
235	Whole blood endotoxin responsiveness in patients with chronic heart failure: the importance of serum lipoproteins. European Journal of Heart Failure, 2005, 7, 479-484.	2.9	42
236	The Role of Mast Cells in IgE-Independent Lung Diseases. Clinical Reviews in Allergy and Immunology, 2020, 58, 377-387.	2.9	42
237	Combination Therapy of Long-Acting ??2-Adrenoceptor Agonists and Corticosteroids for Asthma. Treatments in Respiratory Medicine, 2004, 3, 279-289.	1.4	40
238	Effects of cigarette smoke extract on human airway smooth muscle cells in COPD. European Respiratory Journal, 2014, 44, 634-646.	3.1	40
239	Molecular pathogenesis of cigarette smokingâ€“induced stable COPD. Annals of the New York Academy of Sciences, 2015, 1340, 55-64.	1.8	40
240	Crucial role for lung iron level and regulation in the pathogenesis and severity of asthma. European Respiratory Journal, 2020, 55, 1901340.	3.1	40
241	Effects of N-Acetylcysteine in Ozone-Induced Chronic Obstructive Pulmonary Disease Model. PLoS ONE, 2013, 8, e80782.	1.1	40
242	Mitogen-Activated Protein Kinase Modulation of Nuclear Factor-ÎºBâ€“Induced Granulocyte Macrophageâ€“Colony-Stimulating Factor Release from Human Alveolar Macrophages. American Journal of Respiratory Cell and Molecular Biology, 2004, 30, 342-349.	1.4	39
243	New Insights into the Molecular Mechanisms of Corticosteroids Actions. Current Drug Targets, 2006, 7, 649-660.	1.0	38
244	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
245	Is mitochondrial dysfunction a driving mechanism linking COPD to nonsmall cell lung carcinoma?. European Respiratory Review, 2017, 26, 170040.	3.0	37
246	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
247	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
248	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
249	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
250	Rescue Treatment in Asthma. Chest, 2009, 135, 1628-1633.	0.4	36
251	Corticosteroid Resistance and Novel Anti-Inflammatory Therapies in Chronic Obstructive Pulmonary Disease. Drugs, 2012, 72, 1299-1312.	4.9	36
252	Translational models of lung disease. Clinical Science, 2015, 128, 235-256.	1.8	36

#	Article	IF	Citations
253	Hydrogen Sulfide Prevents and Partially Reverses Ozone-Induced Features of Lung Inflammation and Emphysema in Mice. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 72-81.	1.4	36
254	Abnormal histone acetylase and deacetylase expression and function in lung inflammation. Inflammation Research, 2006, 55, 311-321.	1.6	35
255	Role of p38 mitogen-activated protein kinase in ozone-induced airway hyperresponsiveness and inflammation. European Journal of Pharmacology, 2008, 600, 117-122.	1.7	35
256	Plasmacytoid Dendritic Cells Alter the Antitumor Activity of CpG-Oligodeoxynucleotides in a Mouse Model of Lung Carcinoma. Journal of Immunology, 2010, 185, 4641-4650.	0.4	35
257	Inhibitory Effect of Hydrogen Sulfide on Ozone-Induced Airway Inflammation, Oxidative Stress, and Bronchial Hyperresponsiveness. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 129-137.	1.4	35
258	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
259	How Variability in Clinical Phenotypes Should Guide Research into Disease Mechanisms in Asthma. Annals of the American Thoracic Society, 2013, 10, S109-S117.	1.5	34
260	How can we minimise the use of regular oral corticosteroids in asthma?. European Respiratory Review, 2020, 29, 190085.	3.0	34
261	Overcoming Reduced Glucocorticoid Sensitivity in Airway Disease. Drugs, 2010, 70, 929-948.	4.9	33
262	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
263	Differential expression of IL-10 receptor by epithelial cells and alveolar macrophages. Allergy: European Journal of Allergy and Clinical Immunology, 2004, 59, 505-514.	2.7	32
264	Regulation of Wnt4 in chronic obstructive pulmonary disease. FASEB Journal, 2013, 27, 2367-2381.	0.2	32
265	Cigarette Smoke Induced Airway Inflammation Is Independent of NF-Î¹B Signalling. PLoS ONE, 2013, 8, e54128.	1.1	32
266	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
267	Tumour Necrosis Factor Î± Causes Retention of Activated Glucocorticoid Receptor within the Cytoplasm of A549 Cells. Biochemical and Biophysical Research Communications, 1996, 225, 545-550.	1.0	31
268	Sarcoidosis: Role of non-tuberculosis mycobacteria and Mycobacterium tuberculosis. International Journal of Mycobacteriology, 2014, 3, 225-229.	0.3	31
269	Pharmacogenomics and targeted therapy of cancer: Focusing on non-small cell lung cancer. European Journal of Pharmacology, 2015, 754, 82-91.	1.7	31
270	Exosomes in Severe Asthma: Update in Their Roles and Potential in Therapy. BioMed Research International, 2018, 2018, 1-10.	0.9	31

#	Article	IF	Citations
271	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
272	Chronic systemic administration of salmeterol to rats promotes pulmonary Î²2 -adrenoceptor desensitization and down-regulation of GsÎ±. British Journal of Pharmacology, 2001, 132, 1261-1270.	2.7	30
273	A novel transcription factor inhibitor, SP100030, inhibits cytokine gene expression, but not airway eosinophilia or hyperresponsiveness in sensitized and allergen-exposed rat. British Journal of Pharmacology, 2001, 134, 1029-1036.	2.7	30
274	Role of cathepsin S in ozone-induced airway hyperresponsiveness and inflammation. Pulmonary Pharmacology and Therapeutics, 2009, 22, 27-32.	1.1	30
275	Differential Regulation and Function of 5â€²-Untranslated GR-Exon 1 Transcripts. Molecular Endocrinology, 2011, 25, 1100-1110.	3.7	30
276	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
277	Role of oxidative stress in the pathogenesis of COPD. Minerva Medica, 2022, 113, .	0.3	30
278	Anti-Inflammatory Mechanisms of Glucocorticoids Targeting Granulocytes. Inflammation and Allergy: Drug Targets, 2005, 4, 455-463.	3.1	29
279	Corticosteroid modulation of immunoglobulin expression and Bâ€cell function in COPD. FASEB Journal, 2016, 30, 2014-2026.	0.2	29
280	Epigenetic impacts of maternal tobacco and e-vapour exposure on the offspring lung. Clinical Epigenetics, 2019, 11, 32.	1.8	29
281	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
282	CSF3R/CD114 mediates infection-dependent transition to severe asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 785-788.e6.	1.5	28
283	Silent hypoxia: higher NO in red blood cells of COVID-19 patients. BMC Pulmonary Medicine, 2020, 20, 269.	0.8	27
284	Mitochondrial dysfunction in airways and quadriceps muscle of patients with chronic obstructive pulmonary disease. Respiratory Research, 2020, 21, 262.	1.4	27
285	Sputum ACE2, TMPRSS2 and FURIN gene expression in severe neutrophilic asthma. Respiratory Research, 2021, 22, 10.	1.4	27
286	Clinical phenotypes of asthma should link up with disease mechanisms. Current Opinion in Allergy and Clinical Immunology, 2015, 15, 56-62.	1.1	26
287	Epigenetics and chromatin remodeling play a role in lung disease. Tanaffos, 2011, 10, 7-16.	0.5	26
288	Molecular Mechanisms of Respiratory Virus-Induced Asthma and COPD Exacerbations and Pneumonia. Current Medicinal Chemistry, 2006, 13, 2267-2290.	1.2	25

#	Article	IF	Citations
289	Neutrophil Elastase Represses IL-8/CXCL8 Synthesis in Human Airway Smooth Muscle Cells through Induction of NF-Î¹B Repressing Factor. Journal of Immunology, 2009, 183, 411-420.	0.4	25
290	Mechanisms of Corticosteroid Resistance in Severe Asthma and Chronic Obstructive Pulmonary Disease (COPD). Current Pharmaceutical Design, 2010, 16, 3554-3573.	0.9	25
291	Epigenetics in asthma and other inflammatory lung diseases. Epigenomics, 2010, 2, 523-537.	1.0	25
292	NK1.1+ Cells and CD8+ T Cells Mediate the Antitumor Activity of Cl-IB-MECA in a Mouse Melanoma Model. Neoplasia, 2011, 13, 365-IN20.	2.3	25
293	DNA methylation modules in airway smooth muscle are associated with asthma severity. European Respiratory Journal, 2018, 51, 1701068.	3.1	25
294	Chronic Airway Diseases Early Stratification (CADSET): a new ERS Clinical Research Collaboration. European Respiratory Journal, 2019, 53, 1900217.	3.1	25
295	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
296	Dexamethasone induces apoptosis in pulmonary arterial smooth muscle cells. Respiratory Research, 2015, 16, 114.	1.4	24
297	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
298	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
299	Cellular endotoxin desensitization in patients with severe chronic heart failure. European Journal of Heart Failure, 2005, 7, 865-868.	2.9	23
300	Singleâ€Nucleotide Polymorphisms Associated with Symptomatic Infection and Differential Human Gene Expression in Healthy Seropositive Persons Each Implicate the Cytoskeleton, Integrin Signaling, and Oncosuppression in the Pathogenesis of Human Parvovirus B19 Infection. Journal of Infectious Diseases, 2005, 192, 276-286.	1.9	23
301	Influence of glutathione-S-transferase (GST) inhibition on lung epithelial cell injury: role of oxidative stress and metabolism. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L1274-L1285.	1.3	23
302	Pattern recognitions receptors in immunodeficiency disorders. European Journal of Pharmacology, 2017, 808, 49-56.	1.7	23
303	A Preliminary Study of microRNA-208b after Acute Myocardial Infarction: Impact on 6-Month Survival. Disease Markers, 2018, 2018, 1-7.	0.6	23
304	Bromodomain and Extraterminal (BET) Protein Inhibition Restores Redox Balance and Inhibits Myofibroblast Activation. BioMed Research International, 2019, 2019, 1-11.	0.9	23
305	Adoptive Immunotherapy with Cl-IB-MECA-Treated CD8+ T Cells Reduces Melanoma Growth in Mice. PLoS ONE, 2012, 7, e45401.	1.1	23
306	Glutathione-S-transferase P promotes glycolysis in asthma in association with oxidation of pyruvate kinase M2. Redox Biology, 2021, 47, 102160.	3.9	23

#	Article	IF	Citations
307	Low-dose theophylline does not exert its anti-inflammatory effects in mild asthma through upregulation of interleukin-10 in alveolar macrophages. Allergy: European Journal of Allergy and Clinical Immunology, 2001, 56, 1087-1090.	2.7	22
308	Steroid Responsiveness of Renal Epithelial Cells. Journal of Biological Chemistry, 2003, 278, 5091-5098.	1.6	22
309	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
310	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
311	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
312	Anti-inflammatory inhibitors of IkappaB kinase in asthma and COPD. Current Opinion in Investigational Drugs, 2004, 5, 1141-7.	2.3	22
313	Clinical Definition of COPD Exacerbations and Classification of Their Severity. Southern Medical Journal, 2009, 102, 277-282.	0.3	21
314	Strategies for improving the efficacy and therapeutic ratio of glucocorticoids. Current Opinion in Pharmacology, 2012, 12, 246-251.	1.7	21
315	Glycogen synthase kinase-3Î² modulation of glucocorticoid responsiveness in COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1112-L1123.	1.3	21
316	Common features of tuberculosis and sarcoidosis. International Journal of Mycobacteriology, 2016, 5, S240-S241.	0.3	21
317	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
318	Immune Response to Mycobacterium tuberculosis Infection in the Parietal Pleura of Patients with Tuberculous Pleurisy. PLoS ONE, 2011, 6, e22637.	1.1	21
319	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
320	Role of P2X7 Receptors in Release of IL-1Î²: A Possible Mediator of Pulmonary Inflammation. Tanaffos, 2012, 11, 6-11.	0.5	21
321	Effect of noradrenaline and isoproterenol on lipopolysaccharide-induced tumor necrosis factor-alpha production in whole blood from patients with chronic heart failure and the role of beta-adrenergic receptors. American Journal of Cardiology, 2005, 95, 885-889.	0.7	20
322	STAT6 expression in T cells, alveolar macrophages and bronchial biopsies of normal and asthmatic subjects. Journal of Inflammation, 2012, 9, 5.	1.5	20
323	Phospho-p38 MAPK Expression in COPD Patients and Asthmatics and in Challenged Bronchial Epithelium. Respiration, 2015, 89, 329-342.	1.2	20
324	The anti-proliferative and anti-inflammatory response of COPD airway smooth muscle cells to hydrogen sulfide. Respiratory Research, 2018, 19, 85.	1.4	20

#	Article	IF	Citations
325	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
326	Agonist-induced up-regulation of platelet-activating factor receptor messenger RNA in human monocytes. European Journal of Pharmacology, 1994, 268, 263-266.	2.7	19
327	Expression of nonmuscle cofilin-1 and steroid responsiveness in severe asthma. Journal of Allergy and Clinical Immunology, 2006, 118, 1090-1096.	1.5	19
328	Activation of NFâ€ºB transcription factor in asthma death. Histopathology, 2009, 54, 507-509.	1.6	19
329	Elevated CXCL-8 expression in bronchoalveolar lavage correlates with disease severity in patients with acute respiratory distress syndrome resulting from tuberculosis. Journal of Inflammation, 2014, 11, 21.	1.5	19
330	Impact of theophylline/corticosteroid combination therapy on sputum hydrogen sulfide levels in patients with COPD. European Respiratory Journal, 2014, 43, 1504-1506.	3.1	19
331	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
332	Chemokines and Chemokine Receptors Blockers as New Drugs for the Treatment of Chronic Obstructive Pulmonary Disease. Current Medicinal Chemistry, 2013, 20, 4317-4349.	1.2	19
333	Histone deacetylase inhibitors as novel anti-inflammatory agents. Current Opinion in Investigational Drugs, 2006, 7, 966-73.	2.3	19
334	5-Azacytidine suppresses RNA polymerase II recruitment to the SLPI gene. Biochemical and Biophysical Research Communications, 2005, 331, 93-99.	1.0	18
335	The glucocorticoid RU24858 does not distinguish between transrepression and transactivation in primary human eosinophils. Journal of Inflammation, 2006, 3, 10.	1.5	18
336	The Developmental Origins of Asthma. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 690-691.	2.5	18
337	The Detrimental Health Effects of Traffic-related Air Pollution. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 523-524.	2.5	18
338	New treatments for COPD. Current Opinion in Pharmacology, 2013, 13, 362-369.	1.7	18
339	The future of asthma research and development: a roadmap from the European Asthma Research and Innovation Partnership (EARIP). European Respiratory Journal, 2017, 49, 1602295.	3.1	18
340	Enhanced oxidative stress in smoking and ex-smoking severe asthma in the U-BIOPRED cohort. PLoS ONE, 2018, 13, e0203874.	1.1	18
341	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
342	Inflammasome Signaling in Pathogenesis of Lung Diseases. Current Pharmaceutical Design, 2012, 18, 2320-2328.	0.9	17

#	Article	IF	Citations
343	Susceptibility to influenza virus infection of bronchial biopsies in asthma. Journal of Allergy and Clinical Immunology, 2017, 140, 309-312.e4.	1.5	17
344	Susceptibility to mycobacterial disease due to mutations in IL-12RÎ²1 in three Iranian patients. Immunogenetics, 2018, 70, 373-379.	1.2	17
345	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
346	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
347	Corticosteroid resistance in asthma: Cellular and molecular mechanisms. Molecular Aspects of Medicine, 2022, 85, 100969.	2.7	17
348	Adverse roles of mast cell chymase-1 in COPD. European Respiratory Journal, 2022, 60, 2101431.	3.1	17
349	LIGAND-INDUCED DIFFERENTIATION OF GLUCOCORTICOID RECEPTOR (GR) TRANS-REPRESSION AND TRANSACTIVATION. Biochemical Society Transactions, 1996, 24, 267S-267S.	1.6	16
350	Inhibition of ozone-induced lung neutrophilia and nuclear factor-Î°B binding activity by vitamin A in rat. European Journal of Pharmacology, 1999, 377, 63-68.	1.7	16
351	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
352	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
353	Large-Scale Label-Free Quantitative Mapping of the Sputum Proteome. Journal of Proteome Research, 2018, 17, 2072-2091.	1.8	16
354	Serum cytokine levels of COVID-19 patients after 7Âdays of treatment with Favipiravir or Kaletra. International Immunopharmacology, 2021, 93, 107407.	1.7	16
355	Triamcinolone Acetonide and Dexamethasome Suppress TNFâ€Î±â€Induced Histone H4 Acetylation on Lysine Residues 8 and 12 in Mononuclear Cells. Annals of the New York Academy of Sciences, 2002, 973, 481-483.	1.8	15
356	Targeting Th2 Cells in Asthmatic Airways. Inflammation and Allergy: Drug Targets, 2004, 3, 243-255.	3.1	15
357	Oxidative/nitrosative stress selectively altered A_{2B}adenosine receptors in chronic obstructive pulmonary disease. FASEB Journal, 2010, 24, 1192-1204.	0.2	15
358	Epithelial dysregulation in obese severe asthmatics with gastro-oesophageal reflux. European Respiratory Journal, 2019, 53, 1900453.	3.1	15
359	Role of the mucins in pathogenesis of COPD: implications for therapy. Expert Review of Respiratory Medicine, 2020, 14, 465-483.	1.0	15
360	Nutritional Impact and Its Potential Consequences on COVID-19 Severity. Frontiers in Nutrition, 2021, 8, 698617.	1.6	15

#	Article	IF	Citations
361	The discovAIR project: a roadmap towards the Human Lung Cell Atlas. European Respiratory Journal, 2022, 60, 2102057.	3.1	15
362	What Immunological Defects Predispose to Non-tuberculosis Mycobacterial Infections?. Iranian Journal of Allergy, Asthma and Immunology, 2018, 17, 100-109.	0.3	15
363	Recent evidence from omic analysis for redox signalling and mitochondrial oxidative stress in COPD. Journal of Inflammation, 2022, 19, .	1.5	15
364	Kinase Targets and Inhibitors for the Treatment of Airway Inflammatory Diseases. BioDrugs, 2004, 18, 167-180.	2.2	14
365	Decreased percentage of CD4+Foxp3+TGF-Î²+ and increased percentage of CD4+IL-17+ cells in bronchoalveolar lavage of asthmatics. Journal of Inflammation, 2014, 11, 22.	1.5	14
366	Heightened response to e-cigarettes in COPD. ERJ Open Research, 2019, 5, 00192-2018.	1.1	14
367	ERS/EAACI statement on adherence to international adult asthma guidelines. European Respiratory Review, 2021, 30, 210132.	3.0	14
368	Dealing with Stress: Defective Metabolic Adaptation in Chronic Obstructive Pulmonary Disease Pathogenesis. Annals of the American Thoracic Society, 2017, 14, S374-S382.	1.5	14
369	New drugs under development for COPD. Minerva Medica, 2022, 113, .	0.3	14
370	Role of Innate Lymphoid Cells in Lung Disease. Iranian Journal of Allergy, Asthma and Immunology, 2015, 14, 346-60.	0.3	14
371	Oxidative stress induces NFkB DNA binding and inducible NOS mRNA in the human epithelial cell line A549. Biochemical Society Transactions, 1994, 22, 186S-186S.	1.6	13
372	Overcoming steroid unresponsiveness in airways disease. Biochemical Society Transactions, 2009, 37, 824-829.	1.6	13
373	The ERS Research Agency: the beginning. European Respiratory Journal, 2016, 47, 1017-1023.	3.1	13
374	Paecilomyces formosus Infection in an Adult Patient with Undiagnosed Chronic Granulomatous Disease. Journal of Clinical Immunology, 2017, 37, 342-346.	2.0	13
375	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
376	MiRNAs in tuberculosis: Their decisive role in the fate of TB. European Journal of Pharmacology, 2020, 886, 173529.	1.7	13
377	New drugs under development for COPD. Expert Opinion on Emerging Drugs, 2020, 25, 419-431.	1.0	13
378	Instability of sputum molecular phenotypes in U-BIOPRED severe asthma. European Respiratory Journal, 2021, 57, 2001836.	3.1	13

#	Article	IF	Citations
379	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
380	Histone Acetylation and Histone Deacetylation. , 2000, 44, 309-319.		12
381	Geneâ€“environment interactions in the development of chronic obstructive pulmonary disease. Current Opinion in Allergy and Clinical Immunology, 2006, 6, 323-328.	1.1	12
382	Transcription Factors. , 2009, , 373-380.		12
383	Coordinated regulation of IL-4 and IL-13 expression in human T cells: 3C analysis for DNA looping. Biochemical and Biophysical Research Communications, 2012, 417, 996-1001.	1.0	12
384	Circulating Leptin Concentrations in Patients with Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis. Respiration, 2013, 86, 512-522.	1.2	12
385	Decreased breath excretion of redox active iron in COPD: a protective failure?. European Respiratory Journal, 2016, 47, 1267-1270.	3.1	12
386	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
387	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
388	Con: Genome-Wide Association Studies Have Not Been Useful in Understanding Asthma. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 633-636.	2.5	11
389	Association of serum TNF-Î±, IL-8 and free light chain with HLA-DR B alleles expression in pulmonary and extra-pulmonary sarcoidosis. Journal of Inflammation, 2015, 12, 21.	1.5	11
390	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
391	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
392	Role of Atypical Chemokines and Chemokine Receptors Pathways in the Pathogenesis of COPD. Current Medicinal Chemistry, 2021, 28, 2577-2653.	1.2	11
393	A multi-omics approach to delineate sputum microbiome-associated asthma inflammatory phenotypes. European Respiratory Journal, 2022, 59, 2102603.	3.1	11
394	Overcoming steroid insensitivity in smoking asthmatics. Current Opinion in Investigational Drugs, 2008, 9, 470-7.	2.3	11
395	Clinical and transcriptomic features of persistent exacerbationâ€prone severe asthma in Uâ€BIOPRED cohort. Clinical and Translational Medicine, 2022, 12, e816.	1.7	11
396	Water-pipe smoke condensate increases the internalization of Mycobacterium Bovis of type II alveolar epithelial cells (A549). BMC Pulmonary Medicine, 2017, 17, 68.	0.8	10

#	Article	IF	Citations
397	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
398	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
399	Mechanisms and biomarkers of airway epithelial cell damage in asthma: A review. Clinical Respiratory Journal, 2021, 15, 1027-1045.	0.6	10
400	Medication Adherence in Patients With Severe Asthma Prescribed Oral Corticosteroids in the U-BIOPRED Cohort. Chest, 2021, 160, 53-64.	0.4	10
401	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
402	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
403	New drugs for asthma. Drug Discovery Today, 1998, 3, 395-399.	3.2	9
404	"Education is the passport to the future": enabling today's medical teachers to prepare tomorrow's respiratory health practitioners. European Respiratory Journal, 2014, 44, 578-584.	3.1	9
405	The analysis of exosomal micro-RNAs in peripheral blood mononuclear cell-derived macrophages after infection with bacillus Calmetteâ€“GuÃ©rin by RNA sequencing. International Journal of Mycobacteriology, 2016, 5, S184-S185.	0.3	9
406	Impaired innate immune gene profiling in airway smooth muscle cells from chronic cough patients. Bioscience Reports, 2017, 37, .	1.1	9
407	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
408	BET proteins are associated with the induction of small airway fibrosis in COPD. Thorax, 2021, 76, 647-655.	2.7	9
409	Lung toxicity of particulates and gaseous pollutants using ex-vivo airway epithelial cell culture systems. Environmental Pollution, 2022, 305, 119323.	3.7	9
410	An unusual case of congenital short trachea with very long bronchi mimicking bronchial asthma. Thorax, 2002, 57, 372-373.	2.7	8
411	Dissociation of DNA damage and mitochondrial injury caused by hydrogen peroxide in SV-40 transformed lung epithelial cells. Cancer Cell International, 2002, 2, 16.	1.8	8
412	Chemokine Receptor Inhibitors as a Novel Option in Treatment of Asthma. Inflammation and Allergy: Drug Targets, 2004, 3, 257-261.	3.1	8
413	CpGâ€ODN increases the release of VEGF in a mouse model of lung carcinoma. International Journal of Cancer, 2011, 128, 2815-2822.	2.3	8
414	BET proteins are a key component of immunoglobulin gene expression. Epigenomics, 2017, 9, 393-406.	1.0	8

#	Article	IF	Citations
415	MA12.04 Mitochondrial-Related Proteins, PGAM5 and FUNDC1, in COPD-Associated Non-Small Cell Lung Carcinoma. Journal of Thoracic Oncology, 2017, 12, S411.	0.5	8
416	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
417	Immunopathology of sarcoidosis. Iranian Journal of Allergy, Asthma and Immunology, 2014, 13, 300-6.	0.3	8
418	An improved and rapid procedure for isolating RNA-Free Escherichia coli plasmid DNA. Genetic Analysis, Techniques and Applications, 1991, 8, 107-110.	1.5	7
419	Cigarette Smoke Exposure Alters mSin3a and Mi-2Î±/Î² Expression; implications in the control of pro-inflammatory gene transcription and glucocorticoid function. Journal of Inflammation, 2010, 7, 33.	1.5	7
420	Breaking news: DNA damage and repair pathways in COPD and implications for pathogenesis and treatment. European Respiratory Journal, 2018, 52, 1801718.	3.1	7
421	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
422	Decreased neutrophilâ€mediated bacterial killing in COVIDâ€19 patients. Scandinavian Journal of Immunology, 2021, 94, e13083.	1.3	7
423	Evaluation Expression of miR-146a and miR-155 in Non-Small-Cell Lung Cancer Patients. Frontiers in Oncology, 2021, 11, 715677.	1.3	7
424	Models of respiratory disease symposium. Journal of Inflammation, 2013, 10, I1-P41.	1.5	6
425	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
426	Transcription inhibitors and inflammatory cell activity. Current Opinion in Pharmacology, 2019, 46, 82-89.	1.7	6
427	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
428	A bioinformatics analysis of exosomal microRNAs released following mycobacterial infection. International Journal of Mycobacteriology, 2019, 8, 218.	0.3	6
429	Immunoglobulin Free Light Chains in the Pathogenesis of Lung Disorders. Iranian Journal of Allergy, Asthma and Immunology, 2017, 16, 282-288.	0.3	6
430	miR-1224 Expression Is Increased in Human Macrophages after Infection with Bacillus Calmette-GuÃ©rin (BCG). Iranian Journal of Allergy, Asthma and Immunology, 2018, 17, 250-257.	0.3	6
431	Expression of honeybee prepromelittin as a fusion protein in Escherichia coli. Protein Expression and Purification, 1991, 2, 363-371.	0.6	5
432	Endotoxin and steroid effects on nitric oxide synthase mRNA expression in rat lung and other tissues. Biochemical Society Transactions, 1994, 22, 188S-188S.	1.6	5

#	Article	IF	Citations
433	Corticosteroids: limitations and future prospects for treatment of severe inflammatory disease. Drug Discovery Today: Therapeutic Strategies, 2004, 1, 321-328.	0.5	5
434	PHF11 and DPP10: A Tale of Two Genes in Asthma. Respiration, 2010, 79, 14-16.	1.2	5
435	Up-regulation of blood arachidonate (20:4) levels in patients with chronic obstructive pulmonary disease. Biomarkers, 2012, 17, 520-523.	0.9	5
436	A new ataxia-telangiectasia mutation in an 11-year-old female. Immunogenetics, 2017, 69, 415-419.	1.2	5
437	Research highlights from the 2017 ERS International Congress: airway diseases in focus. ERJ Open Research, 2018, 4, 00163-2017.	1.1	5
438	An adult autosomal recessive chronic granulomatous disease patient with pulmonary Aspergillus terreus infection. BMC Infectious Diseases, 2018, 18, 552.	1.3	5
439	Lowâ€frequency ventilation during cardiopulmonary bypass for lung protection: A randomized controlled trial. Journal of Cardiac Surgery, 2019, 34, 385-399.	0.3	5
440	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
441	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
442	Targeting Th2 Cells in Asthmatic Airways. , 2010, , 103-147.		4
443	FN3K expression in COPD: a potential comorbidity factor for cardiovascular disease. BMJ Open Respiratory Research, 2020, 7, e000714.	1.2	4
444	Genome-Wide Association Study of Korean Asthmatics: A Comparison With UK Asthmatics. Allergy, Asthma and Immunology Research, 2021, 13, 609.	1.1	4
445	Transcription Factors. , 1998, , 459-474.		4
446	The role of hypoxia and the circadian rhythm in sleep apnoea. , 2015, , .		4
447	Overview: why are corticosteroids ineffective in COPD?. Current Opinion in Investigational Drugs, 2002, 3, 58-60.	2.3	4
448	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
449	CYTOKINE mRNA PROFILES OF NORMAL AND ASTHMATIC PERIPHERAL BLOOD CELLS AND ENDOBRONCHIAL BIOPSIES. Biochemical Society Transactions, 1996, 24, 315S-315S.	1.6	3
450	Interactions between long-acting Î²2-agonists and glucocorticoids. Drug Discovery Today: Therapeutic Strategies, 2006, 3, 261-268.	0.5	3

#	Article	IF	Citations
451	Oxidative Stressâ€“induced Antibodies to Carbonyl-modified Protein Correlate with Severity of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1026-1027.	2.5	3
452	Investigation of urine lipoarabinomannan in human immunodeficiency virus patients with or without coinfection with Tuberculosis in Iran. International Journal of Mycobacteriology, 2016, 5, S186-S187.	0.3	3
453	ERS International Congress, Madrid, 2019: highlights from the Airway Diseases, Asthma and COPD Assembly. ERJ Open Research, 2020, 6, 00341-2019.	1.1	3
454	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
455	Characteristics and treatment regimens across ERS SHARP severe asthma registries. , 2019, , .		3
456	Exosomal miRNAs and association with pulmonary tuberculosis. , 2019, , .		3
457	Transcription Factors in Asthma. , 1998, , 25-45.		3
458	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
459	Transcription factors in asthma and COPD. IDrugs: the Investigational Drugs Journal, 2004, 7, 764-70.	0.7	3
460	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
461	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
462	T CELL RECEPTOR REPERTOIRE IN PERIPHERAL BLOOD AND BRONCHIAL BIOPSIES FROM NORMAL AND ASTHMATIC SUBJECTS. Biochemical Society Transactions, 1996, 24, 316S-316S.	1.6	2
463	Dexamethasone and RU24858 Induce Survival and Growth Factor Receptor Bound protein 2, Leukotriene B4 Receptor 1 and Annexin-1 expression in primary Human Neutrophils. Journal of Cell Death, 2012, 5, JCD.S9097.	0.8	2
464	Inferring Cell-Scale Signalling Networks via Compressive Sensing. PLoS ONE, 2014, 9, e95326.	1.1	2
465	Nasal inflammation and its response to local glucocorticoid regular treatment in patients with persistent non-allergic rhinitis: a pilot study. Journal of Inflammation, 2016, 13, 26.	1.5	2
466	In vitro effects of water-pipe smoke condensate on the endocytic activity of Type II alveolar epithelial cells (A549) with bacillus Calmetteâ€“GuÃ©rin. International Journal of Mycobacteriology, 2016, 5, S157-S158.	0.3	2
467	Asthma phenotypes and T-bet protein expression in cells treated with Fluticasone Furoate/Vilanterol. Pulmonary Pharmacology and Therapeutics, 2020, 60, 101886.	1.1	2
468	Th2 subsetting of U-BIOPRED asthma subjects based on airway transciptomic profiles. , 2015, , .		2

#	Article	IF	Citations
469	In-vitroevaluation of a new potent, selective pan-Janus kinase (JAK) inhibitor VR588. , 2015, , .		2
470	Characteristics of asthma in U-BIOPRED severe and non-severe cohorts with distinct biomarker profiles. , 2015, , .		2
471	U-BIOPRED accessible handprint: combining omics platforms to identify stable asthma subphenotypes. , 2018, , .		2
472	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
473	Mitochondrial function in three different types of airway epithelial cells. , 2015, , .		2
474	Immunological Features of Chronic Obstructive Pulmonary Disease (COPD) Induced by Indoor Pollution and Cigarette Smoke. Tanaffos, 2012, 11, 6-17.	0.5	2
475	Role of autoimmunity in the pathogenesis of chronic obstructive pulmonary disease and pulmonary emphysema. , 2022, , 311-331.		2
476	Barnes and Adcock reply. Trends in Pharmacological Sciences, 1994, 15, 139.	4.0	1
477	NF-Î²B Function in Inflammation, Cellular Stress and Disease. Cell and Molecular Response To Stress, 2002, 3, 61-73.	0.4	1
478	Developing a novel integrated model of p38 MAPK and glucocorticoid signalling pathways. , 2012, , .		1
479	Role of Stem Cells in the Pathogenesis of COPD and Pulmonary Emphysema. , 2012, , 307-317.		1
480	Profile of fluticasone furoate/vilanterol dry powder inhaler combination therapy as a potential treatment for COPD. International Journal of COPD, 2014, 9, 249.	0.9	1
481	First report of occurrence of Mycobacterium tuberculosis and Non-tuberculous mycobacteria in a heterozygous carrier of chronic granulomatous patient. International Journal of Mycobacteriology, 2015, 4, 150.	0.3	1
482	MicroRNAs in Human Disease: Commentary. Iranian Journal of Allergy, Asthma and Immunology, 2021, 20, 259-262.	0.3	1
483	Epigenetic Regulation of Asthma and Allergic Diseases. , 2011, , 147-161.		1
484	Transcription Factors. , 2002, , 315-321.		1
485	Mitochondrial reactive oxygen species and glycolysis in airway smooth muscle cell proliferation in COPD. , 2015, , .		1
486	Measures of adherence in patients with severe asthma prescribed systemic steroids in the U-BIOPRED cohort. , 2018, , .		1

#	Article	IF	Citations
487	Is Fezakinumab, an anti-IL22 antibody, a putative novel therapy for a subset of severe asthma?. , 2019, , .		1
488	Late Breaking Abstract - Matrix metalloproteinases in serum and sputum reflect distinct processes of relevance to asthma. , 2019, , .		1
489	FIZZ2 as a Biomarker for Acute Exacerbation of Chronic Obstructive Pulmonary Disease. Lung, 2021, 199, 629-638.	1.4	1
490	Transcription Factors and Inflammatory Lung Disease. , 1999, , 41-70.		1
491	LSC Abstract â€“ The AsthmaMap: Towards a community-driven reconstruction of asthma-relevant pathways and networks. , 2016, , .		1
492	Corticosteroid responsiveness and resistance in severe asthma. , 2019, , 211-230.		1
493	Pathophysiology of severe asthma. , 2019, , 132-151.		1
494	The Role of HLA-DRB1 Alleles in Pulmonary Cystic Fibrosis. Iranian Journal of Allergy, Asthma and Immunology, 2022, 21, 189-196.	0.3	1
495	Dexamethasone action on c-fos and c-jun mRNA and protein in human lung. Biochemical Society Transactions, 1994, 22, 187S-187S.	1.6	0
496	Analysis of Transcription Factor Activation: NFÎº B as Regulator of Inflammatory Genes in Epithelial Cells. , 2000, 44, 143-159.		0
497	Molecular Mechanisms of Respiratory Virus-Induced Inflammation. , 2003, , .		0
498	Cigarette Smoke, Oxidative Stress and Corticosteroid Responsiveness. , 0, , 125-144.		0
499	Glucocorticoid Actions on Airway Smooth Muscle. , 0, , 235-254.		0
500	Hydrogen Sulfide Inhibits Proliferation and Release of IL-8 from Human Airway Smooth Muscle Cells. Free Radical Biology and Medicine, 2010, 49, S52.	1.3	0
501	Fluticasone furoate and vilanterol for the treatment of chronic obstructive pulmonary disease. Expert Review of Respiratory Medicine, 2017, 11, 955-967.	1.0	0
502	Neutrophilic Asthma. Archivos De Bronconeumologia, 2018, 54, 187-188.	0.4	0
503	Neutrophilic Asthma. Archivos De Bronconeumologia, 2018, 54, 187-188.	0.4	0
504	Glucocorticoids. , 2021, , 1-10.		0

#	Article	IF	Citations
505	Adult Severe Asthma. , 2022, , 383-399.		0
506	Transcription Factors. , 2022, , 733-749.		0
507	Asthmatic patients. , 2021, , 136-153.		0
508	C13 Corticosteroids. , 2011, , 557-571.		0
509	Biology of Monocytes and Macrophages. , 2014, , 292-301.		0
510	Glucocorticosteroids. , 2014, , 1578-1601.		0
511	Molecular interactions between glucocorticoids and Î²2-agonists. , 1998, , 15-40.		0
512	The first U-BIOPRED sputum handprint of severe asthma. , 2015, , .		0
513	Systemic corticosteroid-associated serum analyte profiles in the U-BIOPRED severe asthma cohort. , 2015, , .		0
514	Mapping a mouse model of severe asthma to human asthma using gene set variation analysis. , 2015, , .		0
515	Sputum supernatant profiling reveals inflammasome-associated signatures in severe asthmatics in U-BIOPRED. , 2015, , .		0
516	MMP10andMETas predictive classifiers of bronchial eosinophilic asthma in UBIOPRED. , 2015, , .		0
517	Characterisation of a novel 3D model of the airways. , 2015, , .		0
518	Physiology of severe vs. mild-moderate U-BIOPRED cohorts interpreted using a computational model. , 2015, , .		0
519	Effects of hydrogen sulfide on ozone-induced features of chronic obstructive pulmonary disease. , 2015, , .		0
520	The first U-BIOPRED blood handprint of severe asthma. , 2015, , .		0
521	LATE-BREAKING ABSTRACT: Sputum transcriptome analysis yields eosinophilic and non-eosinophilic inflammatory mechanisms in UBIOPRED asthma cohort. , 2015, , .		0
522	Investigating mitochondrial dysfunction in asthma. , 2015, , .		0

#	Article	IF	Citations
523	Effects of dexamethasone and anti-inflammatory drugs on inflammatory cytokines from bronchial epithelial cells of COPD patients. , 2015, , .		0
524	LSC Abstract â€“ Rhinovirus infection induces NRF2 in monocytes but not in epithelial cells, via distinct intracellular pathways. , 2015, , .		0
525	Enrichment of the Janus kinase (JAK) activation signature in severe asthma sputum: Correlation with IL-13 expression. , 2016, , .		0
526	Relationship between mitochondrial function and cellular ageing depends upon compartment analysed. , 2016, , .		0
527	High-fat diet in mice leads to amplified ozone-induced airway hyperresponsiveness (AHR), mitochondrial dysfunction and insulin resistance. , 2016, , .		0
528	TNFAIP3 (A20) expression is elevated in the sputum of severe asthmatics. , 2016, , .		0
529	Proteome fingerprints define groups with distinct clinico-pathological phenotypes in the U-BIOPRED asthma study. , 2016, , .		0
530	Mast cell gene signature enrichment associates with late-onset severe asthma. , 2016, , .		0
531	Gene signatures from U-BIOPRED transcriptomic-associated clusters exist in COPD. , 2017, , .		0
532	A Genome Wide Association Study of Moderate-Severe Asthma in subjects from the United Kingdom. , 2017, , .		0
533	Late Breaking Abstract - Comparison of the blood transcriptomic profiles of adults and children from the U-BIOPRED asthma study. , 2017, , .		0
534	Molecular evidence of Group 1 innate lymphoid cell activation in the U-BIOPRED cohort. , 2017, , .		0
535	Central role for phosphoinositide-3-kinase gamma/delta dependent signalling in eosinophilic pulmonary inflammation driven by innate lymphoid cells. , 2017, , .		0
536	Bromodomain And Extra-Terminal (BET) proteins regulate metabolic and redox function in COPD airway smooth muscle cells. , 2017, , .		0
537	Late Breaking Abstract - Longitudinal analysis of variation in clinical features from the U-BIOPRED severe asthma cohort. , 2018, , .		0
538	MIF antagonism restores corticosteroid sensitivity in a murine model of severe asthma. , 2018, , .		0
539	Further resolution of non-T2 asthma subtypes from high-throughput sputum transciptomics data in U-BIOPRED. , 2018, , .		0
540	Association of Pre-miR-rs2910164 polymorphism with non-small cell lung cancer in an Iranian population. , 2018, , .		0

#	Article	IF	Citations
541	Ezrin, a membrane cytoskeleton cross linker protein, as a marker of epithelial damage in asthma. , 2018, , .		0
542	Association of HLA-DR alleles with pulmonary cystic fibrosis. , 2018, , .		0
543	Weighted Gene Co-expression Network Analysis of blood paediatric samples from the U-BIOPRED study identifies oxidative stress association with asthma severity. , 2018, , .		0
544	Clinical and transcriptomic profiles of severe asthmatics with high or low expression of the glucocorticoid receptor and importin-7.. , 2018, , .		0
545	Lung cells from people with COPD are hyperresponsive to E-cigarette vapour. , 2018, , .		0
546	The lessons from U-BIOPRED. , 2019, , 152-166.		0
547	Molecular phenotypes of severe asthma. , 2019, , 184-194.		0
548	Subtypes of eosinophilic asthma with discrete gene pathway phenotypes. , 2019, , .		0
549	Differential macrophage activation in asthmatic sputum using U-BIOPRED transcriptomics. , 2019, , .		0
550	Late Breaking Abstract - Microbiome-driven clusters in severe asthma derived from induced sputum: identification and stability over time. , 2019, , .		0
551	Increased METEORIN-LIKE (ML) expression promotes lung inflammation in asthma. , 2019, , .		0
552	Sputum gene signature comparison study between U-BIOPRED and Australia asthma cohorts. , 2019, , .		0
553	Prediction of longitudinal inflammatory phenotypes using baseline sputum transcriptomics in UBIOPRED. , 2019, , .		0
554	Evaluation of Th9 and Th22 cells within pleural effusions of tuberculosis and non-tuberculosis patients. , 2020, , .		0
555	Oxidative stress and mitochondrial dysfunction in a novel in vivo exacerbation model of severe asthma. , 2020, , .		0
556	Bacterial infections in the lungs of patients with systemic autoimmune diseases. Handbook of Systemic Autoimmune Diseases, 2020, 16, 1-11.	0.1	0
557	Decreased Serum Levels of Angiotensin Converting Enzyme (ACE)2 and Enhanced Cytokine Levels with Severity of COVID-19: Normalisation Upon Disease Recovery. SSRN Electronic Journal, 0, , .	0.4	0
558	Neutrophilic inflammation in sputum does not define a clinical distinct asthma phenotype in ATLANTIS. , 2021, , .		0

#	Article	IF	Citations
559	The carnitine pathway is dysregulated in asthma in an oral corticosteroid-independent mechanism. , 2021, , .		0
560	Decreased neutrophil phagocytosis and killing of bacteria in COVID-19 patients. , 2021, , .		0
561	Myeloid-derived suppressor cells in the blood of COVID-19 patients. , 2021, , .		0
562	Prevalence and characteristics of asthma with fixed airflow obstruction:a CADSET European multi-cohort collaboration. , 2021, , .		0
563	A data management and analysis platform for RASP-UK multiomics clinical datasets. , 2021, , .		0
564	The pan janus kinase (JAK) inhibitor KN-002 suppresses inflammatory mediator release from severe asthma bronchial epithelial cells. , 2021, , .		0
565	Glucocorticoids. , 2021, , 704-714.		0
566	SNP Rs11614913 in miR-196a is a risk factor for non-small cell lung cancer in Iranians. , 2020, , .		0
567	Use of biomaterials to tissue engineer 3D models with lung organoids for in-vitro disease modelling. , 2020, , .		0
568	Urinary metabolomics-profiling of the U-BIOPRED asthma study identified biochemical clusters associated with asthma severity. , 2020, , .		0
569	Differential mast cell activation by transcriptomic signature analysis in the U-BIOPRED severe asthma cohort. , 2020, , .		0
570	A CADSET WP4 transcriptomic analysis of Asthma and COPD overlap. , 2020, , .		0
571	Update on CADSET (Chronic Airway Disease Early Stratification) Clinical Research Collaboration. , 2020, , .		0
572	Plasma protein profiles as markers of asthma severity and exposure to oral corticosteroids in U-BIOPRED and BIOAIR. , 2020, , .		0
573	Molecular Mechanisms of Glucocorticoid Receptor Action. , 0, , 1-18.		0
574	Dissociated Glucocorticoids. , 0, , 55-71.		0