Irfan Rahman

List of Publications by Year
in descending order

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313 papers	32,685 citations	3531 90 h-index	4432 172 g-index
361 all docs	361 docs citations	361 times ranked	36239 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Assay for quantitative determination of glutathione and glutathione disulfide levels using enzymatic recycling method. Nature Protocols, 2006, 1, 3159-3165.	12.0	1,700
3	Regulation of inflammation and redox signaling by dietary polyphenols. Biochemical Pharmacology, 2006, 72, 1439-1452.	4.4	860
4	Oxidative stress and regulation of glutathione in lung inflammation. European Respiratory Journal, 2000, 16, 534.	6.7	804
5	Oxidative stress and redox regulation of lung inflammation in COPD. European Respiratory Journal, 2006, 28, 219-242.	6.7	772
6	Systemic oxidative stress in asthma, COPD, and smokers.. American Journal of Respiratory and Critical Care Medicine, 1996, 154, 1055-1060.	5.6	686
7	Oxidant and antioxidant balance in the airways and airway diseases. European Journal of Pharmacology, 2006, 533, 222-239.	3.5	583
8	Regulation of SIRT1 in cellular functions: Role of polyphenols. Archives of Biochemistry and Biophysics, 2010, 501, 79-90.	3.0	557
9	Redox modifications of proteinâ€“thiols: Emerging roles in cell signaling. Biochemical Pharmacology, 2006, 71, 551-564.	4.4	495
10	Vapors Produced by Electronic Cigarettes and E-Juices with Flavorings Induce Toxicity, Oxidative Stress, and Inflammatory Response in Lung Epithelial Cells and in Mouse Lung. PLoS ONE, 2015, 10, e0116732.	2.5	492
11	Redox modulation of chromatin remodeling: impact on histone acetylation and deacetylation, NF-Î¹B and pro-inflammatory gene expression. Biochemical Pharmacology, 2004, 68, 1255-1267.	4.4	455
12	SIRT1, an Antiinflammatory and Antiaging Protein, Is Decreased in Lungs of Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 861-870.	5.6	454
13	Regulation of redox glutathione levels and gene transcription in lung inflammation: therapeutic approaches. Free Radical Biology and Medicine, 2000, 28, 1405-1420.	2.9	438
14	Cigarette smoke induces proinflammatory cytokine release by activation of NF-Î¹B and posttranslational modifications of histone deacetylase in macrophages. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L46-L57.	2.9	414
15	4-Hydroxy-2-Nonenal, a Specific Lipid Peroxidation Product, Is Elevated in Lungs of Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 490-495.	5.6	407
16	Redox regulation of SIRT1 in inflammation and cellular senescence. Free Radical Biology and Medicine, 2013, 61, 95-110.	2.9	394
17	Role of transcription factors in inflammatory lung diseases. Thorax, 1998, 53, 601-612.	5.6	390
18	Oxidative stress in asthma and COPD: Antioxidants as a therapeutic strategy. , 2006, 111, 476-494.		381

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19	Resveratrol induces glutathione synthesis by activation of Nrf2 and protects against cigarette smoke-mediated oxidative stress in human lung epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L478-L488.	2.9	380
20	Role of oxidants/antioxidants in smoking-induced lung diseases. Free Radical Biology and Medicine, 1996, 21, 669-681.	2.9	369
21	Sirtuin regulates cigarette smoke-induced proinflammatory mediator release via RelA/p65 NF-ÎºB in macrophages in vitro and in rat lungs in vivo: implications for chronic inflammation and aging. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L567-L576.	2.9	356
22	Curcumin Induces Glutathione Biosynthesis and Inhibits NF-ÎºB Activation and Interleukin-8 Release in Alveolar Epithelial Cells: Mechanism of Free Radical Scavenging Activity. Antioxidants and Redox Signaling, 2005, 7, 32-41.	5.4	329
23	SIRT1 protects against emphysema via FOXO3-mediated reduction of premature senescence in mice. Journal of Clinical Investigation, 2012, 122, 2032-2045.	8.2	309
24	Oxidative stress and cigarette smoke alter chromatin remodeling but differentially regulate NFâ€ÎºB activation and proinflammatory cytokine release in alveolar epithelial cells. FASEB Journal, 2004, 18, 1897-1899.	0.5	286
25	Environmental toxicity, redox signaling and lung inflammation: The role of glutathione. Molecular Aspects of Medicine, 2009, 30, 60-76.	6.4	283
26	Cigarette Smoke Alters Chromatin Remodeling and Induces Proinflammatory Genes in Rat Lungs. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 633-642.	2.9	277
27	Nrf2 reduces levels of phosphorylated tau protein by inducing autophagy adaptor protein NDP52. Nature Communications, 2014, 5, 3496.	12.8	265
28	SIRT1 is a redoxâ€sensitive deacetylase that is postâ€translationally modified by oxidants and carbonyl stress. FASEB Journal, 2010, 24, 3145-3159.	0.5	262
29	Glutathione, Stress Responses, and Redox Signaling in Lung Inflammation. Antioxidants and Redox Signaling, 2005, 7, 42-59.	5.4	260
30	Nrf2-ARE stress response mechanism: A control point in oxidative stress-mediated dysfunctions and chronic inflammatory diseases. Free Radical Research, 2010, 44, 1267-1288.	3.3	250
31	Epithelial Permeability, Inflammation, and Oxidant Stress in the Air Spaces of Smokers. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 473-479.	5.6	248
32	Lung glutathione and oxidative stress: implications in cigarette smoke-induced airway disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 277, L1067-L1088.	2.9	235
33	Oxidative Stress, Chromatin Remodeling and Gene Transcription in Inflammation and Chronic Lung Diseases. BMB Reports, 2003, 36, 95-109.	2.4	221
34	Title is missing!. Molecular and Cellular Biochemistry, 2002, 234/235, 239-248.	3.1	218
35	Differential effects of cigarette smoke on oxidative stress and proinflammatory cytokine release in primary human airway epithelial cells and in a variety of transformed alveolar epithelial cells. Respiratory Research, 2006, 7, 132.	3.6	218
36	Current concepts on oxidative/carbonyl stress, inflammation and epigenetics in pathogenesis of chronic obstructive pulmonary disease. Toxicology and Applied Pharmacology, 2011, 254, 72-85.	2.8	216

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37	Impaired mitophagy leads to cigarette smoke stressâ€induced cellular senescence: implications for chronic obstructive pulmonary disease. FASEB Journal, 2015, 29, 2912-2929.	0.5	209
38	Inflammatory and Oxidative Responses Induced by Exposure to Commonly Used e-Cigarette Flavoring Chemicals and Flavored e-Liquids without Nicotine. Frontiers in Physiology, 2017, 8, 1130.	2.8	189
39	Oxidants and Antioxidants as Therapeutic Targets in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 1999, 160, S58-S65.	5.6	185
40	Histone Deacetylase 2 Is Phosphorylated, Ubiquitinated, and Degraded by Cigarette Smoke. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 464-473.	2.9	182
41	Hypoxia prolongs neutrophil survival in vitro. FEBS Letters, 1995, 372, 233-237.	2.8	181
42	Curcumin Restores Corticosteroid Function in Monocytes Exposed to Oxidants by Maintaining HDAC2. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 312-323.	2.9	179
43	Oxidative Stress in Pathogenesis of Chronic Obstructive Pulmonary Disease: Cellular and Molecular Mechanisms. Cell Biochemistry and Biophysics, 2005, 43, 167-188.	1.8	174
44	SIRT1 regulates oxidant- and cigarette smoke-induced eNOS acetylation in endothelial cells: Role of resveratrol. Biochemical and Biophysical Research Communications, 2010, 393, 66-72.	2.1	173
45	Extracellular superoxide dismutase protects against pulmonary emphysema by attenuating oxidative fragmentation of ECM. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15571-15576.	7.1	172
46	E-cigarettes and flavorings induce inflammatory and pro-senescence responses in oral epithelial cells and periodontal fibroblasts. Oncotarget, 2016, 7, 77196-77204.	1.8	172
47	Histone acetylation regulates epithelial IL-8 release mediated by oxidative stress from environmental particles. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 284, L533-L540.	2.9	171
48	Oxidative stress, transcription factors and chromatin remodelling in lung inflammation. Biochemical Pharmacology, 2002, 64, 935-942.	4.4	170
49	Environmental health hazards of e-cigarettes and their components: Oxidants and copper in e-cigarette aerosols. Environmental Pollution, 2015, 198, 100-107.	7.5	167
50	Systemic and pulmonary oxidative stress in idiopathic pulmonary fibrosis. Free Radical Biology and Medicine, 1999, 27, 60-68.	2.9	166
51	Inflammatory Response and Barrier Dysfunction by Different e-Cigarette Flavoring Chemicals Identified by Gas Chromatographyâ€“Mass Spectrometry in e-Liquids and e-Vapors on Human Lung Epithelial Cells and Fibroblasts. Applied in Vitro Toxicology, 2017, 3, 28-40.	1.1	165
52	Current concepts on the role of inflammation in COPD and lung cancer. Current Opinion in Pharmacology, 2009, 9, 375-383.	3.5	163
53	Oxidative Stress and Chromatin Remodeling in Chronic Obstructive Pulmonary Disease and Smoking-Related Diseases. Antioxidants and Redox Signaling, 2013, 18, 1956-1971.	5.4	153
54	An investigation of the role of glutathione in increased epithelial permeability induced by cigarette smoke in vivo and in vitro.. American Journal of Respiratory and Critical Care Medicine, 1994, 149, 1518-1525.	5.6	152

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55	Oxidant/antioxidant imbalance in smokers and chronic obstructive pulmonary disease.. Thorax, 1996, 51, 348-350.	5.6	148
56	The Role of Oxidative Stress in the Pathogenesis??of COPD. Treatments in Respiratory Medicine, 2005, 4, 175-200.	1.4	147
57	Cigarette smoke-induced autophagy is regulated by SIRT1â€“PARP-1-dependent mechanism: Implication in pathogenesis of COPD. Archives of Biochemistry and Biophysics, 2010, 500, 203-209.	3.0	147
58	Induction of Î³-glutamylcysteine synthetase by cigarette smoke is associated with AP-1 in human alveolar epithelial cells. FEBS Letters, 1996, 396, 21-25.	2.8	146
59	Transcriptional Regulation of Î³-Glutamylcysteine Synthetase-Heavy Subunit by Oxidants in Human Alveolar Epithelial Cells. Biochemical and Biophysical Research Communications, 1996, 229, 832-837.	2.1	143
60	Circadian clock function is disrupted by environmental tobacco/cigarette smoke, leading to lung inflammation and injury via a SIRT1â€BMAL1 pathway. FASEB Journal, 2014, 28, 176-194.	0.5	143
61	Macrophage phagocytosis of apoptotic neutrophils is compromised by matrix proteins modified by cigarette smoke and lipid peroxidation products. Biochemical and Biophysical Research Communications, 2004, 318, 32-37.	2.1	142
62	Cigarette smoke-mediated inflammatory and oxidative responses are strain-dependent in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L1174-L1186.	2.9	136
63	Deacetylases and NF-ÎºB in Redox Regulation of Cigarette Smoke-Induced Lung Inflammation: Epigenetics in Pathogenesis of COPD. Antioxidants and Redox Signaling, 2008, 10, 799-812.	5.4	132
64	FOXO3 Deficiency Leads to Increased Susceptibility to Cigarette Smoke-Induced Inflammation, Airspace Enlargement, and Chronic Obstructive Pulmonary Disease. Journal of Immunology, 2011, 187, 987-998.	0.8	128
65	Attenuation of oxidant/antioxidant imbalance during treatment of exacerbations of chronic obstructive pulmonary disease. Thorax, 1997, 52, 565-568.	5.6	126
66	Mechanisms of toxicity and biomarkers of flavoring and flavor enhancing chemicals in emerging tobacco and non-tobacco products. Toxicology Letters, 2018, 288, 143-155.	0.8	126
67	Regulation of nuclear factor-ÎºB, activator protein-1, and glutathione levels by tumor necrosis factor-Î± and dexamethasone in alveolar epithelial cells. Biochemical Pharmacology, 2000, 60, 1041-1049.	4.4	125
68	Oxidant-mediated lung epithelial cell tolerance: the role of intracellular glutathione and nuclear factor-kappaB 1 1Abbreviations: A549 cells, human alveolar epithelial type II cell line; AP-1, activator protein-1; BSO; dl-buthionine (SR)-sulfoximine; COPD, chronic obstructive pulmonary disease; DMEM, Dulbeccoâ€™s modified Eagleâ€™s medium; DTT, dithiothreitol; GSHMEE, glutathione monoethyl ester; H2O2, hydrogen peroxide; IκB, inhibitory binding protein κB; LDH, lactic dehydrogenase; NAC, N-acetyl-l-cysteine; N. Biochemical Pharmacology, 2001, 62, 787-794.	4.4	125
69	Molecular Mechanism of the Regulation of Glutathione Synthesis by Tumor Necrosis Factor-Î± and Dexamethasone in Human Alveolar Epithelial Cells. Journal of Biological Chemistry, 1999, 274, 5088-5096.	3.4	121
70	Electronic cigarette aerosols and copper nanoparticles induce mitochondrial stress and promote DNA fragmentation in lung fibroblasts. Biochemical and Biophysical Research Communications, 2016, 477, 620-625.	2.1	119
71	Redox regulation of lung inflammation: role of NADPH oxidase and NF-ÎºB signalling. Biochemical Society Transactions, 2007, 35, 1151-1155.	3.4	116
72	Lysine deacetylation in ischaemic preconditioning: the role of SIRT1. Cardiovascular Research, 2011, 89, 643-649.	3.8	114

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73	Perspectives on translational and therapeutic aspects of SIRT1 in inflammaging and senescence. Biochemical Pharmacology, 2012, 84, 1332-1339.	4.4	114
74	Review: Antioxidant therapeutic advances in COPD. Therapeutic Advances in Respiratory Disease, 2008, 2, 351-374.	2.6	112
75	Effects of cigarette smoke condensate on proliferation and wound closure of bronchial epithelial cells in vitro: role of glutathione. Respiratory Research, 2005, 6, 140.	3.6	110
76	Cigarette Smoke Prevents Apoptosis through Inhibition of Caspase Activation and Induces Necrosis. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 562-570.	2.9	110
77	Mechanisms of cigarette smoke induced increased airspace permeability.. Thorax, 1996, 51, 465-471.	5.6	108
78	Antioxidant pharmacological therapies for COPD. Current Opinion in Pharmacology, 2012, 12, 256-265.	3.5	106
79	E-cigarette flavored pods induce inflammation, epithelial barrier dysfunction, and DNA damage in lung epithelial cells and monocytes. Scientific Reports, 2019, 9, 19035.	3.3	106
80	Ergothioneine inhibits oxidative stress- and TNF-Î±-induced NF-ÎºB activation and interleukin-8 release in alveolar epithelial cells. Biochemical and Biophysical Research Communications, 2003, 302, 860-864.	2.1	103
81	Is there any relationship between plasma antioxidant capacity and lung function in smokers and in patients with chronic obstructive pulmonary disease?. Thorax, 2000, 55, 189-193.	5.6	101
82	SIRT1 as a therapeutic target in inflammaging of the pulmonary disease. Preventive Medicine, 2012, 54, S20-S28.	3.4	101
83	Oxidative Stress and Gene Transcription in Asthma and Chronic Obstructive Pulmonary Disease: Antioxidant Therapeutic Targets. Inflammation and Allergy: Drug Targets, 2002, 1, 291-315.	3.1	99
84	Oxidative stress and TNF-alpha induce histone acetylation and NF-kappaB/AP-1 activation in alveolar epithelial cells: potential mechanism in gene transcription in lung inflammation. Molecular and Cellular Biochemistry, 2002, 234-235, 239-48.	3.1	99
85	Genetic Ablation of NADPH Oxidase Enhances Susceptibility to Cigarette Smoke-Induced Lung Inflammation and Emphysema in Mice. American Journal of Pathology, 2008, 172, 1222-1237.	3.8	96
86	Small RNAâ€sequence analysis of plasmaâ€derived extracellular vesicle miRNAs in smokers and patients with chronic obstructive pulmonary disease as circulating biomarkers. Journal of Extracellular Vesicles, 2019, 8, 1684816.	12.2	96
87	Molecular Mechanism of Transforming Growth Factor (TGF)-Î²1-induced Glutathione Depletion in Alveolar Epithelial Cells. Journal of Biological Chemistry, 2002, 277, 21158-21166.	3.4	94
88	Non-invasive biomarkers of oxidative stress: reproducibility and methodological issues. Redox Report, 2004, 9, 125-143.	4.5	94
89	Role of histone deacetylase 2 in epigenetics and cellular senescence: implications in lung inflammaging and COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L557-L566.	2.9	94
90	Disruption of p21 Attenuates Lung Inflammation Induced by Cigarette Smoke, LPS, and fMLP in Mice. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 7-18.	2.9	93

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91	Circadian molecular clock in lung pathophysiology. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1056-L1075.	2.9	93
92	Deletion of vitamin D receptor leads to premature emphysema/COPD by increased matrix metalloproteinases and lymphoid aggregates formation. Biochemical and Biophysical Research Communications, 2011, 406, 127-133.	2.1	92
93	SIRT1-mediated acute cardioprotection. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H1506-H1512.	3.2	92
94	Cigarette Smoke Induces Distinct Histone Modifications in Lung Cells: Implications for the Pathogenesis of COPD and Lung Cancer. Journal of Proteome Research, 2014, 13, 982-996.	3.7	91
95	Association of smoking and electronic cigarette use with wheezing and related respiratory symptoms in adults: cross-sectional results from the Population Assessment of Tobacco and Health (PATH) study, wave 2. Tobacco Control, 2020, 29, tobaccocontrol-2018-054694.	3.2	91
96	Recent updates on electronic cigarette aerosol and inhaled nicotine effects on periodontal and pulmonary tissues. Oral Diseases, 2017, 23, 1052-1057.	3.0	89
97	Pharmacological antioxidant strategies as therapeutic interventions for COPD. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 714-728.	3.8	87
98	Glutathione homeostasis in alveolar epithelial cells in vitro and lung in vivo under oxidative stress. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1995, 269, L285-L292.	2.9	86
99	Cigarette smoke disrupts VEGF165-VEGFR-2 receptor signaling complex in rat lungs and patients with COPD: morphological impact of VEGFR-2 inhibition. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L897-L908.	2.9	84
100	IKKÎ± Causes Chromatin Modification on Pro-Inflammatory Genes by Cigarette Smoke in Mouse Lung. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 689-698.	2.9	84
101	VEGFRâ€2 inhibition augments cigarette smokeâ€induced oxidative stress and inflammatory responses leading to endothelial dysfunction. FASEB Journal, 2008, 22, 2297-2310.	0.5	82
102	Differential induction of apoptosis by cigarette smoke extract in primary human lung fibroblast strains: implications for emphysema. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L19-L29.	2.9	80
103	DNA methylation profiling in peripheral lung tissues of smokers and patients with COPD. Clinical Epigenetics, 2017, 9, 38.	4.1	80
104	Regulation of glutathione in inflammation and chronic lung diseases. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 579, 58-80.	1.0	79
105	SIRT1 protects against cigarette smoke-induced lung oxidative stress via a FOXO3-dependent mechanism. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L816-L828.	2.9	79
106	Cannabidiol differentially regulates basal and LPS-induced inflammatory responses in macrophages, lung epithelial cells, and fibroblasts. Toxicology and Applied Pharmacology, 2019, 382, 114713.	2.8	78
107	Antioxidant Therapeutic Targets in COPD. Current Drug Targets, 2006, 7, 707-720.	2.1	76
108	Comparison of Periodontal Parameters and Selfâ€Perceived Oral Symptoms Among Cigarette Smokers, Individuals Vaping Electronic Cigarettes, and Neverâ€Smokers. Journal of Periodontology, 2017, 88, 1059-1065.	3.4	76

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109	Vitamin D and Susceptibility of Chronic Lung Diseases: Role of Epigenetics. Frontiers in Pharmacology, 2011, 2, 50.	3.5	75
110	Hyperoxia Impairs Alveolar Formation and Induces Senescence Through Decreased Histone Deacetylase Activity and Up-Regulation of p21 in Neonatal Mouse Lung. Pediatric Research, 2011, 69, 371-377.	2.3	75
111	Oxidants/antioxidants in idiopathic pulmonary fibrosis.. Thorax, 1995, 50, S53-S58.	5.6	74
112	SARS-CoV-2 COVID-19 susceptibility and lung inflammatory storm by smoking and vaping. Journal of Inflammation, 2020, 17, 21.	3.4	73
113	Pulmonary Toxicity and the Pathophysiology of Electronic Cigarette, or Vaping Product, Use Associated Lung Injury. Frontiers in Pharmacology, 2019, 10, 1619.	3.5	73
114	Characterisation of Î³â€glutamylcysteine synthethaseâ€heavy subunit promoter: a critical role for APâ€1. FEBS Letters, 1998, 427, 129-133.	2.8	72
115	Apocynin increases glutathione synthesis and activates AP-1 in alveolar epithelial cells. FEBS Letters, 1999, 443, 235-239.	2.8	71
116	Current Perspectives on Role of Chromatin Modifications and Deacetylases in Lung Inflammation in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2009, 6, 291-297.	1.6	71
117	Protective role of mesenchymal stem cells and mesenchymal stem cell-derived exosomes in cigarette smoke-induced mitochondrial dysfunction in mice. Toxicology and Applied Pharmacology, 2019, 385, 114788.	2.8	71
118	Cigarette smoke regulates the expression of TLR4 and IL-8 production by human macrophages. Journal of Inflammation, 2009, 6, 12.	3.4	70
119	Current Concepts of Redox Signaling in the Lungs. Antioxidants and Redox Signaling, 2006, 8, 681-689.	5.4	69
120	Mitochondrial redox system, dynamics, and dysfunction in lung inflammaging and COPD. International Journal of Biochemistry and Cell Biology, 2016, 81, 294-306.	2.8	69
121	Disruption of Sirtuin 1â€“Mediated Control of Circadian Molecular Clock and Inflammation in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 782-792.	2.9	68
122	E-cigarette-induced pulmonary inflammation and dysregulated repair are mediated by nAChR Î±7 receptor: role of nAChR Î±7 in SARS-CoV-2 Covid-19 ACE2 receptor regulation. Respiratory Research, 2020, 21, 154.	3.6	68
123	Short-term cigarette smoke exposure induces reversible changes in energy metabolism and cellular redox status independent of inflammatory responses in mouse lungs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L889-L898.	2.9	67
124	Clinical periodontal status and gingival crevicular fluid cytokine profile among cigarette-smokers, electronic-cigarette users and never-smokers. Archives of Oral Biology, 2019, 102, 212-217.	1.8	67
125	Systemic biomarkers in electronic cigarette users: implications for noninvasive assessment of vaping-associated pulmonary injuries. ERJ Open Research, 2019, 5, 00182-2019.	2.6	67
126	Depressed glutathione synthesis precedes oxidative stress and atherogenesis in Apo-Eâ^'/â^' mice. Biochemical and Biophysical Research Communications, 2005, 338, 1368-1373.	2.1	66

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127	Hydrogen peroxide-induced epithelial injury: the protective role of intracellular nonprotein thiols (NPSH). European Respiratory Journal, 1998, 11, 384-391.	6.7	65
128	Nacystelyn inhibits oxidant-mediated interleukin-8 expression and NF-ÎºB nuclear binding in alveolar epithelial cells. Free Radical Biology and Medicine, 2002, 32, 492-502.	2.9	65
129	Peroxiredoxin 6 differentially regulates acute and chronic cigarette smokeâ€“mediated lung inflammatory response and injury. Experimental Lung Research, 2010, 36, 451-462.	1.2	65
130	Tobaccoâ€product usage as a risk factor for dental implants. Periodontology 2000, 2019, 81, 48-56.	13.4	65
131	SIRT1 redresses the imbalance of tissue inhibitor of matrix metalloproteinase-1 and matrix metalloproteinase-9 in the development of mouse emphysema and human COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L615-L624.	2.9	63
132	Influenza A virus-dependent remodeling of pulmonary clock function in a mouse model of COPD. Scientific Reports, 2015, 5, 9927.	3.3	63
133	Nrf2 deficiency influences susceptibility to steroid resistance via HDAC2 reduction. Biochemical and Biophysical Research Communications, 2010, 403, 452-456.	2.1	62
134	Protein kinase CK2-mediated phosphorylation of HDAC2 regulates co-repressor formation, deacetylase activity and acetylation of HDAC2 by cigarette smoke and aldehydes. Archives of Biochemistry and Biophysics, 2010, 498, 62-73.	3.0	60
135	Comparison of Clinical and Radiographic Periodontal Status Between Habitual Waterâ€Pipe Smokers and Cigarette Smokers. Journal of Periodontology, 2016, 87, 142-147.	3.4	60
136	ReviewBiomarkers in Breath Condensate: A promising New Non-invasive Technique in Free Radical Research. Free Radical Research, 2003, 37, 1253-1266.	3.3	58
137	Regulation of LPS-mediated inflammation in vivo and in vitro by the thiol antioxidant Nacystelyn. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L1319-L1327.	2.9	58
138	Airway biomarkers of the oxidant burden in asthma and chronic obstructive pulmonary disease: Current and future perspectives. International Journal of COPD, 2008, Volume 3, 585-603.	2.3	58
139	Emphysema is associated with increased inflammation in lungs of atherosclerosis-prone mice by cigarette smoke: implications in comorbidities of COPD. Journal of Inflammation, 2010, 7, 34.	3.4	57
140	Protein Kinase CÎ¶ Mediates Cigarette Smoke/Aldehyde- and Lipopolysaccharide-induced Lung Inflammation and Histone Modifications. Journal of Biological Chemistry, 2010, 285, 5405-5416.	3.4	57
141	Inflammation and the Regulation of Glutathione Level in Lung Epithelial Cells. Antioxidants and Redox Signaling, 1999, 1, 425-447.	5.4	56
142	Localization of Î³-glutamylcysteine synthetase messenger rna expression in lungs of smokers and patients with chronic obstructive pulmonary disease. Free Radical Biology and Medicine, 2000, 28, 920-925.	2.9	54
143	Blockade of RAGE ameliorates elastaseâ€induced emphysema development and progression via RAGEâ€DAMP signaling. FASEB Journal, 2017, 31, 2076-2089.	0.5	54
144	Cigarette Smokeâ€Induced Oxidative Stress and TGFâ€Î²₁ Increase p21^{waf1/cip1} Expression in Alveolar Epithelial Cells. Annals of the New York Academy of Sciences, 2002, 973, 278-283.	3.8	53

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145	Gene expression profiling of epigenetic chromatin modification enzymes and histone marks by cigarette smoke: implications for COPD and lung cancer. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L1245-L1258.	2.9	53
146	Chemical Constituents Involved in E-Cigarette, or Vaping Product Use-Associated Lung Injury (EVALI). Toxics, 2020, 8, 25.	3.7	53
147	Determination of Nicotine Content and Delivery in Disposable Electronic Cigarettes Available in the United States by Gas Chromatography-Mass Spectrometry. Nicotine and Tobacco Research, 2016, 18, 700-707.	2.6	52
148	Mitogen- and Stress-Activated Kinase 1 (MSK1) Regulates Cigarette Smoke-Induced Histone Modifications on NF-Î¹B-dependent Genes. PLoS ONE, 2012, 7, e31378.	2.5	51
149	CYP1A1, CYP1A2 and CYBA gene polymorphisms associated with oxidative stress in COPD. Clinica Chimica Acta, 2010, 411, 474-480.	1.1	50
150	Lung cellular senescence is independent of aging in a mouse model of COPD/emphysema. Scientific Reports, 2018, 8, 9023.	3.3	50
151	15-Deoxy-Î”12,14-Prostaglandin J2 Protects against Nitrosative PC12 Cell Death through Up-regulation of Intracellular Glutathione Synthesis. Journal of Biological Chemistry, 2004, 279, 46263-46270.	3.4	49
152	Shelterin Telomere Protection Protein 1 Reduction Causes Telomere Attrition and Cellular Senescence via Sirtuin 1 Deacetylase in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 38-49.	2.9	49
153	Nrf2 mediates the expression of BAG3 and autophagy cargo adaptor proteins and tau clearance in an age-dependent manner. Neurobiology of Aging, 2018, 63, 128-139.	3.1	49
154	Dysregulated repair and inflammatory responses by eâ€cigaretteâ€derived inhaled nicotine and humectant propylene glycol in a sexâ€dependent manner in mouse lung. FASEB BioAdvances, 2019, 1, 609-623.	2.4	49
155	Metformin: Experimental and Clinical Evidence for a Potential Role in Emphysema Treatment. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 651-666.	5.6	49
156	Circadian Clockâ€“Coupled Lung Cellular and Molecular Functions in Chronic Airway Diseases. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 285-290.	2.9	48
157	Age-Dependent Assessment of Genes Involved in Cellular Senescence, Telomere, and Mitochondrial Pathways in Human Lung Tissue of Smokers, COPD, and IPF: Associations With SARS-CoV-2 COVID-19 ACE2-TMPRSS2-Furin-DPP4 Axis. Frontiers in Pharmacology, 2020, 11, 584637.	3.5	48
158	Modulation of steroid activity in chronic inflammation: A novel antiâ€inflammatory role for curcumin. Molecular Nutrition and Food Research, 2008, 52, 987-994.	3.3	47
159	Targeted disruption of NF-Î¹B1 (p50) augments cigarette smoke-induced lung inflammation and emphysema in mice: a critical role of p50 in chromatin remodeling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L197-L209.	2.9	47
160	Antioxidant therapies in COPD. International Journal of COPD, 2006, 1, 15-29.	2.3	47
161	Lung cancer and its association with chronic obstructive pulmonary disease: update on nexus of epigenetics. Current Opinion in Pulmonary Medicine, 2011, 17, 279-285.	2.6	46
162	Use of Electronic Cigarettes and Self-Reported Chronic Obstructive Pulmonary Disease Diagnosis in Adults. Nicotine and Tobacco Research, 2020, 22, 1155-1161.	2.6	46

#	Article	IF	Citations
163	Regulation of lipopolysaccharide-mediated interleukin-1Î² release by N-acetylcysteine in THP-1 cells. European Respiratory Journal, 2000, 16, 933-939.	6.7	45
164	NF-ÎºB Inducing Kinase, NIK Mediates Cigarette Smoke/TNFÎ±-Induced Histone Acetylation and Inflammation through Differential Activation of IKKs. PLoS ONE, 2011, 6, e23488.	2.5	44
165	Glutaredoxin 1 regulates cigarette smoke-mediated lung inflammation through differential modulation of IÎºB kinases in mice: impact on histone acetylation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L192-L203.	2.9	42
166	Anti-inflammatory effect of a selective IÎºB kinase-beta inhibitor in rat lung inÂresponse to LPS and cigarette smoke. Pulmonary Pharmacology and Therapeutics, 2010, 23, 172-181.	2.6	42
167	Dietary polyphenols mediated regulation of oxidative stress and chromatin remodeling in inflammation. Nutrition Reviews, 2008, 66, S42-S45.	5.8	41
168	Cigarette smokeâ€“mediated oxidative stress, shear stress, and endothelial dysfunction: role of VEGFR2. Annals of the New York Academy of Sciences, 2010, 1203, 66-72.	3.8	41
169	Genetic Ablation of p16^{INK4a} Does Not Protect against Cellular Senescence in Mouse Models of Chronic Obstructive Pulmonary Disease/Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 189-199.	2.9	41
170	Systemic biomarkers of inflammation, oxidative stress and tissue injury and repair among waterpipe, cigarette and dual tobacco smokers. Tobacco Control, 2020, 29, s102-s109.	3.2	41
171	Cellular stress responses and dysfunctional Mitochondrialâ€“cellular senescence, and therapeutics in chronic respiratory diseases. Redox Biology, 2020, 33, 101443.	9.0	41
172	Mitochondrial dysfunction is associated with Miro1 reduction in lung epithelial cells by cigarette smoke. Toxicology Letters, 2019, 317, 92-101.	0.8	38
173	Long Noncoding Transcriptome in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 678-688.	2.9	38
174	Reproducibility of oxidative stress biomarkers in breath condensate: are they reliable?. European Respiratory Journal, 2004, 23, 183-184.	6.7	37
175	PARP-1 inhibition does not restore oxidant-mediated reduction in SIRT1 activity. Biochemical and Biophysical Research Communications, 2010, 392, 264-270.	2.1	37
176	The nuclear receptor and clock gene REV-ERBÎ± regulates cigarette smoke-induced lung inflammation. Biochemical and Biophysical Research Communications, 2017, 493, 1390-1395.	2.1	37
177	Impact of cigarette smoking and vaping on the outcome of full-mouth ultrasonic scaling among patients with gingival inflammation: a prospective study. Clinical Oral Investigations, 2019, 23, 2751-2758.	3.0	37
178	Cigarette Smokeâ€“induced Oxidative/Nitrosative Stress Impairs VEGF- and Fluid Shear Stressâ€“Mediated Signaling in Endothelial Cells. Antioxidants and Redox Signaling, 2010, 12, 1355-1369.	5.4	36
179	Inhibition of RAGE Attenuates Cigarette Smoke-Induced Lung Epithelial Cell Damage via RAGE-Mediated Nrf2/DAMP Signaling. Frontiers in Pharmacology, 2018, 9, 684.	3.5	36
180	Pulmonary Toxicity and Inflammatory Response of Vape Cartridges Containing Medium-Chain Triglycerides Oil and Vitamin E Acetate: Implications in the Pathogenesis of EVALI. Toxics, 2020, 8, 46.	3.7	36

#	Article	IF	Citations
181	E-Cigarettes and Cardiopulmonary Health. Function, 2021, 2, zqab004.	2.3	36
182	Molecular clock REV-ERBÎ± regulates cigarette smokeâ€“induced pulmonary inflammation and epithelial-mesenchymal transition. JCI Insight, 2021, 6, .	5.0	36
183	P21-PARP-1 Pathway Is Involved in Cigarette Smoke-Induced Lung DNA Damage and Cellular Senescence. PLoS ONE, 2013, 8, e80007.	2.5	36
184	Novel Î”⁸-Tetrahydrocannabinol Vaporizers Contain Unlabeled Adulterants, Unintended Byproducts of Chemical Synthesis, and Heavy Metals. Chemical Research in Toxicology, 2022, 35, 73-76.	3.3	36
185	Qualitative Analysis of E-Liquid Emissions as a Function of Flavor Additives Using Two Aerosol Capture Methods. International Journal of Environmental Research and Public Health, 2018, 15, 323.	2.6	35
186	RelB Is Differentially Regulated by IÎºB Kinase-Î± in B Cells and Mouse Lung by Cigarette Smoke. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 147-158.	2.9	34
187	Hemoglobin Î± and Î² are ubiquitous in the human lung, decline in idiopathic pulmonary fibrosis but not in COPD. Respiratory Research, 2010, 11, 123.	3.6	34
188	Inflammatory biomarkers and growth factors in saliva and gingival crevicular fluid of eâ€cigarette users, cigarette smokers, and dual smokers: A pilot study. Journal of Periodontology, 2020, 91, 1274-1283.	3.4	34
189	Exosomal microRNAs are novel circulating biomarkers in cigarette, waterpipe smokers, E-cigarette users and dual smokers. BMC Medical Genomics, 2020, 13, 128.	1.5	33
190	Role of inner mitochondrial protein OPA1 in mitochondrial dysfunction by tobacco smoking and in the pathogenesis of COPD. Redox Biology, 2021, 45, 102055.	9.0	33
191	Distinct Exosomal miRNA Profiles from BALF and Lung Tissue of COPD and IPF Patients. International Journal of Molecular Sciences, 2021, 22, 11830.	4.1	33
192	Myofibroblast differentiation and its functional properties are inhibited by nicotine and e-cigarette via mitochondrial OXPHOS complex III. Scientific Reports, 2017, 7, 43213.	3.3	31
193	Regulation of iNOS expression and glutathione levels in rat liver by oxygen tension. FEBS Letters, 2000, 476, 253-257.	2.8	30
194	Biomarkers in risk assessment of asbestos exposure. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 579, 6-21.	1.0	29
195	Serotonin and Corticosterone Rhythms in Mice Exposed to Cigarette Smoke and in Patients with COPD: Implication for COPD-Associated Neuropathogenesis. PLoS ONE, 2014, 9, e87999.	2.5	29
196	Rosiglitazone and 15-Deoxy-Î”12,14-Prostaglandin J2, PPARÎ³ Agonists, Differentially Regulate Cigarette Smoke-Mediated Pro-Inflammatory Cytokine Release in Monocytes/Macrophages. Antioxidants and Redox Signaling, 2008, 10, 253-260.	5.4	28
197	Oxidative Stress, Thiol Redox Signaling Methods in Epigenetics. Methods in Enzymology, 2010, 474, 213-244.	1.0	28
198	Genetic ablation of histone deacetylase 2 leads to lung cellular senescence and lymphoid follicle formation in COPD/emphysema. FASEB Journal, 2018, 32, 4955-4971.	0.5	28

#	Article	IF	Citations
199	Dietary Polyphenols, Deacetylases and Chromatin Remodeling in Inflammation. Journal of Nutrigenetics and Nutrigenomics, 2010, 3, 220-230.	1.3	27
200	Smoking and COPD increase sputum levels of extracellular superoxide dismutase. Free Radical Biology and Medicine, 2011, 51, 726-732.	2.9	27
201	Current Perspectives on Characteristics, Compositions, and Toxicological Effects of E-Cigarettes Containing Tobacco and Menthol/Mint Flavors. Frontiers in Physiology, 2020, 11, 613948.	2.8	27
202	Circadian molecular clock disruption in chronic pulmonary diseases. Trends in Molecular Medicine, 2022, 28, 513-527.	6.7	27
203	Strategies to decrease ongoing oxidant burden in chronic obstructive pulmonary disease. Expert Review of Clinical Pharmacology, 2012, 5, 293-309.	3.1	26
204	Cannabis Vaping: Existing and Emerging Modalities, Chemistry, and Pulmonary Toxicology. Chemical Research in Toxicology, 2021, 34, 2169-2179.	3.3	24
205	Redox regulation of circadian molecular clock in chronic airway diseases. Free Radical Biology and Medicine, 2018, 119, 121-128.	2.9	23
206	Pod-based menthol and tobacco flavored e-cigarettes cause mitochondrial dysfunction in lung epithelial cells. Toxicology Letters, 2020, 333, 303-311.	0.8	22
207	Prenatal Exposure to Electronic-Cigarette Aerosols Leads to Sex-Dependent Pulmonary Extracellular-Matrix Remodeling and Myogenesis in Offspring Mice. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 794-805.	2.9	22
208	Genetic Ablation of CXCR2 Protects against Cigarette Smoke-Induced Lung Inflammation and Injury. Frontiers in Pharmacology, 2016, 7, 391.	3.5	21
209	In Vitro Exposure Systems and Dosimetry Assessment Tools for Inhaled Tobacco Products: Workshop Proceedings, Conclusions and Paths Forward for In Vitro Model Use. ATLA Alternatives To Laboratory Animals, 2017, 45, 117-158.	1.0	21
210	TGF-Î²1 increases viral burden and promotes HIV-1 latency in primary differentiated human bronchial epithelial cells. Scientific Reports, 2019, 9, 12552.	3.3	21
211	Dietary Polyphenols, Deacetylases and Chromatin Remodeling in Inflammation. World Review of Nutrition and Dietetics, 2010, 101, 84-94.	0.3	19
212	Waterpipe smoke and e-cigarette vapor differentially affect circadian molecular clock gene expression in mouse lungs. PLoS ONE, 2019, 14, e0211645.	2.5	19
213	Acute Effects of Heated Tobacco Product (IQOS) Aerosol Inhalation on Lung Tissue Damage and Inflammatory Changes in the Lungs. Nicotine and Tobacco Research, 2021, 23, 1160-1167.	2.6	19
214	Redox Signaling in the Lungs. Antioxidants and Redox Signaling, 2005, 7, 1-5.	5.4	18
215	Targeting Lung Inflammation: Novel Therapies for the Treatment of COPD. Current Respiratory Medicine Reviews, 2008, 4, 57-68.	0.2	18
216	Toxicological impact of waterpipe smoking and flavorings in the oral cavity and respiratory system. Inhalation Toxicology, 2017, 29, 389-396.	1.6	18

#	Article	IF	Citations
217	Proteomic Analysis of Plasma-Derived Extracellular Vesicles in Smokers and Patients with Chronic Obstructive Pulmonary Disease. ACS Omega, 2019, 4, 10649-10661.	3.5	18
218	Electronic cigarette use and subjective cognitive complaints in adults. PLoS ONE, 2020, 15, e0241599.	2.5	18
219	Future therapeutic treatment of COPD: struggle between oxidants and cytokines. International Journal of COPD, 2007, 2, 205-28.	2.3	18
220	E-Liquid Containing a Mixture of Coconut, Vanilla, and Cookie Flavors Causes Cellular Senescence and Dysregulated Repair in Pulmonary Fibroblasts: Implications on Premature Aging. Frontiers in Physiology, 2020, 11, 924.	2.8	17
221	Differential plasma exosomal long non-coding RNAs expression profiles and their emerging role in E-cigarette users, cigarette, waterpipe, and dual smokers. PLoS ONE, 2020, 15, e0243065.	2.5	17
222	Nitric oxide synthase type I (nNOS), vascular endothelial growth factor (VEGF) and myoglobin-like expression in skeletal muscle of Antarctic icefishes (Notothenioidei: Channichthyidae). Polar Biology, 2003, 26, 458-462.	1.2	16
223	Oxidative stress-induced biomarkers for stem cell-based chemical screening. Preventive Medicine, 2012, 54, S42-S49.	3.4	16
224	Vulnerability and Genetic Susceptibility to Cigarette Smokeâ€“Induced Emphysema in Mice. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 270-271.	2.9	16
225	Airway basal cell injury after acute diacetyl (2,3-butanedione) vapor exposure. Toxicology Letters, 2020, 325, 25-33.	0.8	16
226	Strain- and sex-dependent pulmonary toxicity of waterpipe smoke in mouse. Physiological Reports, 2018, 6, e13579.	1.7	15
227	Cigarette smoke regulates VEGFR2-mediated survival signaling in rat lungs. Journal of Inflammation, 2010, 7, 11.	3.4	14
228	Recent updates on biomarkers of exposure and systemic toxicity in e-cigarette users and EVALI. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L661-L679.	2.9	14
229	SARS-CoV2 Infection Alters Tryptophan Catabolism and Phospholipid Metabolism. Metabolites, 2021, 11, 659.	2.9	14
230	Persistently Increased Systemic ACE2 Activity Is Associated With an Increased Inflammatory Response in Smokers With COVID-19. Frontiers in Physiology, 2021, 12, 653045.	2.8	13
231	Comparative Reactive Oxygen Species (ROS) Content among Various Flavored Disposable Vape Bars, including Cool (Iced) Flavored Bars. Toxics, 2021, 9, 235.	3.7	13
232	Differences in Acellular Reactive Oxygen Species (ROS) Generation by E-Cigarettes Containing Synthetic Nicotine and Tobacco-Derived Nicotine. Toxics, 2022, 10, 134.	3.7	13
233	Influence of involuntary cigarette smoke inhalation on osseointegration: a systematic review and meta-analysis of preclinical studies. International Journal of Oral and Maxillofacial Surgery, 2018, 47, 764-772.	1.5	12
234	Cross-Sectional Association Between Exclusive and Concurrent Use of Cigarettes, ENDS, and Cigars, the Three Most Popular Tobacco Products, and Wheezing Symptoms Among U.S. Adults. Nicotine and Tobacco Research, 2020, 22, S76-S84.	2.6	12

#	Article	IF	Citations
235	Classification of flavors in cigarillos and little cigars and their variable cellular and acellular oxidative and cytotoxic responses. PLoS ONE, 2019, 14, e0226066.	2.5	11
236	Flavor Preference and Systemic Immunoglobulin Responses in E-Cigarette Users and Waterpipe and Tobacco Smokers: A Pilot Study. International Journal of Environmental Research and Public Health, 2020, 17, 640.	2.6	11
237	Perceptions of Oral Nicotine Pouches on Reddit: Observational Study. Journal of Medical Internet Research, 2022, 24, e37071.	4.3	11
238	The Interplay Between Respiratory Microbiota and Innate Immunity in Flavor E-Cigarette Vaping Induced Lung Dysfunction. Frontiers in Microbiology, 2020, 11, 589501.	3.5	10
239	Chronic cigarette smoke exposure drives spiral ganglion neuron loss in mice. Scientific Reports, 2018, 8, 5746.	3.3	9
240	Home smoking and vaping policies among US adults: results from the Population Assessment of Tobacco and Health (PATH) study, wave 3. Preventive Medicine, 2020, 139, 106215.	3.4	9
241	Role of Non-Coding RNAs in Lung Circadian Clock Related Diseases. International Journal of Molecular Sciences, 2020, 21, 3013.	4.1	9
242	Redox regulation of inflammatory processes. International Journal of Biochemistry and Cell Biology, 2016, 81, 234-235.	2.8	8
243	Perspectives on Epigenetics Alterations Associated with Smoking and Vaping. Function, 2021, 2, zqab022.	2.3	8
244	Beneficial effects of dietary polyphenols using lung inflammation as a model. Journal of the Science of Food and Agriculture, 2006, 86, 2499-2502.	3.5	7
245	Oxidative Stress, Histone Deacetylase and Corticosteroid Resistance in Severe Asthma and COPD. Current Respiratory Medicine Reviews, 2007, 3, 57-68.	0.2	7
246	Does E-cigarette Use at Baseline Influence Smoking Cessation Rates among 2-Year College Students?. Journal of Smoking Cessation, 2018, 13, 110-120.	1.0	7
247	Histological Chorioamnionitis Induces Differential Gene Expression in Human Cord Blood Mononuclear Leukocytes from Term Neonates. Scientific Reports, 2019, 9, 5862.	3.3	7
248	Association of flavored electronic nicotine delivery system (ENDS) use with self-reported chronic obstructive pulmonary disease (COPD): Results from the Population Assessment of Tobacco and Health (PATH) study, Wave 4. Tobacco Induced Diseases, 2020, 18, 1-9.	0.6	7
249	Increased Expression of LASI lncRNA Regulates the Cigarette Smoke and COPD Associated Airway Inflammation and Mucous Cell Hyperplasia. Frontiers in Immunology, 0, 13, .	4.8	7
250	DNA Methylation Profile in Human Cord Blood Mononuclear Leukocytes From Term Neonates: Effects of Histological Chorioamnionitis. Frontiers in Pediatrics, 2020, 8, 437.	1.9	6
251	p16-3MR: A Novel Model to Study Cellular Senescence in Cigarette Smoke-Induced Lung Injuries. International Journal of Molecular Sciences, 2021, 22, 4834.	4.1	6
252	Multi-Walled Carbon Nanotubes (MWCNTs) Cause Cellular Senescence in TGF-Î² Stimulated Lung Epithelial Cells. Toxics, 2021, 9, 144.	3.7	6

#	Article	IF	Citations
253	Outcome of Smoking Cessation on Airway Remodeling and Pulmonary Inflammation in COPD Patients. Tanaffos, 2011, 10, 7-11.	0.5	6
254	Reduced plasma phosphatidylethanolamines in eâ€cigarette, or vaping, product useâ€associated lung injury (EVALI). Pediatric Pulmonology, 2022, 57, 1350-1354.	2.0	6
255	Analyzing the clinical profile of swine flu/influenza A H1N1 infection in central India: a retrospective study. VirusDisease, 2017, 28, 33-38.	2.0	5
256	Dysregulated Metabolites Serve as Novel Biomarkers for Metabolic Diseases Caused by E-Cigarette Vaping and Cigarette Smoking. Metabolites, 2021, 11, 345.	2.9	5
257	Noninvasive systemic biomarkers of e-cigarette or vaping use-associated lung injury: a pilot study. ERJ Open Research, 2022, 8, 00639-2021.	2.6	5
258	FN3K expression in COPD: a potential comorbidity factor for cardiovascular disease. BMJ Open Respiratory Research, 2020, 7, e000714.	3.0	4
259	Flavor Inconsistencies between Flavored Tobacco Products among US Adults. American Journal of Health Behavior, 2020, 44, 617-630.	1.4	4
260	Dysregulation of mitochondrial complexes and dynamics by chronic cigarette smoke exposure Utilizing MitoQC reporter mice. Mitochondrion, 2022, 63, 43-50.	3.4	4
261	Influence of E-Cigarette and Cannabis Vaping on Orthodontically Induced Tooth Movement and Periodontal Health in Patients Undergoing Orthodontic Therapy. International Journal of Environmental Research and Public Health, 2022, 19, 6518.	2.6	4
262	Sirtuin, an oxidant sensitive deacetylase, is postâ€translationally modified and degraded by the proteasome in response to cigarette smoke in lung epithelial cells. FASEB Journal, 2008, 22, 747.1.	0.5	3
263	Genome-wide differential expression profiling of lncRNAs and mRNAs in human induced pluripotent stem cell-derived endothelial cells exposed to e-cigarette extract. Stem Cell Research and Therapy, 2021, 12, 593.	5.5	3
264	Epithelial Ablation of Miro1/Rhot1 GTPase Augments Lung Inflammation by Cigarette Smoke. Pathophysiology, 2021, 28, 501-512.	2.2	2
265	Reactive Oxygen Species and Antioxidant Therapeutic Approaches. , 2009, , 293-312.		1
266	Antioxidant therapeutic strategies. Progress in Respiratory Research, 2010, , 215-221.	0.1	1
267	Dietary Bioactive Functional Polyphenols in Chronic Lung Diseases. , 2013, , 513-525.		1
268	SIRT1 and Inflammaging in Chronic Obstructive Pulmonary Disease. , 2014, , 183-191.		1
269	Gene-specific MicroRNA antagonism protects against HIV Tat and TGF-Î²-mediated suppression of CFTR mRNA and function. Biomedicine and Pharmacotherapy, 2021, 142, 112090.	5.6	1
270	Experimental Models to Study Cigarette Smoke-Induced Oxidative Stress In Vitro and In Vitro in Preclinical Models, and in Smokers and Patients with Airways Disease. , 2011, , 399-420.		1

#	Article	IF	Citations
271	Oxidative Stress in the Pathogenesis of Chronic Obstructive Pulmonary Disease. , 2006, , 165-197.		0
272	Cigarette Smoke, Oxidative Stress and Corticosteroid Responsiveness. , 0, , 125-144.		0
273	Reactive Oxygen Species, Kinase Signaling, and Redox Regulation of Epigenetics. , 2013, , 309-342.		0
274	Exosomal Micro RNA Are Novel Circulating Biomarkers Among E-cigarette Users, Cigarette, and Waterpipe Smokers. , 2020, , .		0
275	Lipopolysaccharide Causes the Metabolic Flux to Glycolysis and Induces NLRP3 Inflammasome Activation and RIPK3-Mediated Necroptosis in the Lung. , 2020, , .		0
276	Propylene Glycol/Vegetable Glycerin and Menthol-Flavored E-cigarette Aerosol Induced Strain and Sex Dependent Immune-Toxicity in Mice. , 2020, , .		0
277	4219 Discrepancies in flavor preferences among adult ever users of various tobacco products in the US â€“ Findings from The Population Assessment of Tobacco and Health Study (2015-2016). Journal of Clinical and Translational Science, 2020, 4, 47-48.	0.6	0
278	4179 Use of tobacco products and their association with wheezing among adult current tobacco users in the US â€“ Findings from The Population Assessment of Tobacco and Health Study (2015-2016). Journal of Clinical and Translational Science, 2020, 4, 52-52.	0.6	0
279	Biomarkers of Inflammation, Oxidative Stress, Pro-Resolving Lipid Mediators, Triglycerides, Growth Factors and Tissue Injury in Electronic Cigarette Users: Implications for Non-Invasive Assessment of Vaping Associated Lung Injuries. , 2020, , .		0
280	The Role of MTFP1 in Regulating Airway Epithelial Mitochondrial Dynamics and Inflammatory Responses Following Cigarette Smoke Exposure and in COPD. , 2020, , .		0
281	Molecular Circadian Component REV-ERBÎ± Regulates Lung Inflammation Induced by Influenza Virus and Cigarette Smoke. , 2020, , .		0
282	Prenatal E-cig Aerosol Exposure Leads to Extracellular Matrix Remodeling and Dysregulated Myogenesis in Offspring Mice with Sex-Dependent Manner. , 2020, , .		0
283	Clinical, Chemical, and Toxicological Analyses of E-cigarette, or Vaping, Product Use-Associated Lung Injury (EVALI). , 2020, , .		0
284	Electronic-Cigarette Induces Dysregulated Repair Response and Extracellular Matrix Remodeling in Mouse Lung Via Î±7 Nicotinic Acetylcholine Receptor. , 2020, , .		0
285	Dynamics of House Dust Mite and Th2 Cytokine-Mediated Circadian Clock Dysregulation in Human Bronchial Epithelial Cells: Therapeutic Role of REV-ERbÎ±. , 2020, , .		0
286	Genetic Ablation of Miro1 Leads to Mitochondrial Dysfunction and Lung Inflammation by Cigarette Smoke. , 2021, , .		0
287	Augmented ACE2 Activity, Cytokine Profiles, and Differential Lipid Mediators Reveal Increased Susceptibility Towards SARS-CoV2 Infection in Smokers. , 2021, , .		0
288	Toxicological assessment of eâ€cigarette or vaping product use associated lung injury (EVALI) cartridges and constituents. FASEB Journal, 2021, 35, .	0.5	0

#	Article	IF	Citations
289	Molecular Circadian Component REV-ERBÎ± Regulates Pulmonary Inflammation Induced by Environmental Tobacco Smoke and Cigarette Smoke. , 2021, , .		0
290	Selective Ablation of Telomere Protection Protein 1 (TPP1) in Lung Epithelium Induce an Age-Dependent Augmentation of the Inflammatory Response by Tobacco Smoke Exposure. , 2021, , .		0
291	p16-3MR Reporter Mouse Model: Role of Cellular Senescence in Cigarette Smoke-Induced Lung Pathologies. , 2021, , .		0
292	Cigarette Smoking, Inflammation, and Obesity. , 2007, , 43-61.		0
293	Regulation of Inflammation, Redox, and Glucocorticoid Signaling by Dietary Polyphenols. Oxidative Stress and Disease, 2008, , .	0.3	0
294	Environment and the Role of Inflammation in Chronic Pulmonary Diseases. Oxidative Stress and Disease, 2011, , .	0.3	0
295	Smoking, Oxidative/Carbonyl Stress, and Regulation of Redox Signaling in Lung Inflammation. , 2014, , 817-848.		0
296	Redox Effects of Cigarette Smoke in Lung Inflammation. , 2006, , 113-164.		0
297	Flavor Inconsistencies between Flavored Tobacco Products among US Adults. American Journal of Health Behavior, 2020, 44, 617-630.	1.4	0
298	Title is missing!. , 2019, 14, e0226066.		0
299	Title is missing!. , 2019, 14, e0226066.		0
300	Title is missing!. , 2019, 14, e0226066.		0
301	Title is missing!. , 2019, 14, e0226066.		0
302	Title is missing!. , 2019, 14, e0226066.		0
303	Title is missing!. , 2019, 14, e0226066.		0
304	Title is missing!. , 2020, 15, e0243065.		0
305	Title is missing!. , 2020, 15, e0243065.		0
306	Title is missing!. , 2020, 15, e0243065.		0

#	Article	IF	Citations
307	Title is missing!. , 2020, 15, e0243065.		0
308	Exosomal miR122, a Potential Prognostic Marker and Therapeutic Target in COPD. , 2022, , .		0
309	MiR-150-5p Modulates Pulmonary Inflammation and Secretory Mucin Expression Associated with Cigarette Smoke-Induced Chronic Obstructive Pulmonary Disease. , 2022, , .		0
310	Conditional Knockout of Telomere Protection Protein 1 (TPP1) in Lung Epithelium Triggers Senescence-Associated Lung Diseases and Increases Cancer Risk Upon Cigarette Smoke Exposure. , 2022, , .		0
311	Molecular Clock Rev-erbÎ± Regulates Influenza A Virus-Induced Lung Fibrotic Progression via Collagen Stabilization. , 2022, , .		0
312	Novel Delta-8-Tetrahydrocannabinol Vaporizers Contain Unlabeled Adulterants, Byproducts of Chemical Synthesis, and Heavy Metals. , 2022, , .		0
313	Non-Invasive Systemic Biomarker Assessment of Patients with E-cigarette or Vaping Use-Associated Lung Injury (EVALI). , 2022, , .		0