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	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
2	Dysregulation of mitochondrial complexes and dynamics by chronic cigarette smoke exposure Utilizing MitoQC reporter mice. Mitochondrion, 2022, 63, 43-50.	3.4	4
3	Reduced plasma phosphatidylethanolamines in eâ€cigarette, or vaping, product useâ€associated lung injury (EVALI). Pediatric Pulmonology, 2022, 57, 1350-1354.	2.0	6
4	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
5	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
6	Exosomal miR122, a Potential Prognostic Marker and Therapeutic Target in COPD. , 2022, , .		0
7	MiR-150-5p Modulates Pulmonary Inflammation and Secretory Mucin Expression Associated with Cigarette Smoke-Induced Chronic Obstructive Pulmonary Disease. , 2022, , .		0
8	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
9	Circadian molecular clock disruption in chronic pulmonary diseases. Trends in Molecular Medicine, 2022, 28, 513-527.	6.7	27
10	Molecular Clock Rev-erbÎ± Regulates Influenza A Virus-Induced Lung Fibrotic Progression via Collagen Stabilization. , 2022, , .		0
11	Novel Delta-8-Tetrahydrocannabinol Vaporizers Contain Unlabeled Adulterants, Byproducts of Chemical Synthesis, and Heavy Metals. , 2022, , .		0
12	Non-Invasive Systemic Biomarker Assessment of Patients with E-cigarette or Vaping Use-Associated Lung Injury (EVALI). , 2022, , .		0
13	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
14	Perceptions of Oral Nicotine Pouches on Reddit: Observational Study. Journal of Medical Internet Research, 2022, 24, e37071.	4.3	11
15	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
16	E-Cigarettes and Cardiopulmonary Health. Function, 2021, 2, zqab004.	2.3	36
17	Perspectives on Epigenetics Alterations Associated with Smoking and Vaping. Function, 2021, 2, zqab022.	2.3	8
18	Genetic Ablation of Miro1 Leads to Mitochondrial Dysfunction and Lung Inflammation by Cigarette Smoke. , 2021, , .		0

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19	Augmented ACE2 Activity, Cytokine Profiles, and Differential Lipid Mediators Reveal Increased Susceptibility Towards SARS-CoV2 Infection in Smokers. , 2021, , .		0
20	Toxicological assessment of eâ€cigarette or vaping product use associated lung injury (EVALI) cartridges and constituents. FASEB Journal, 2021, 35, .	0.5	0
21	Dysregulated Metabolites Serve as Novel Biomarkers for Metabolic Diseases Caused by E-Cigarette Vaping and Cigarette Smoking. Metabolites, 2021, 11, 345.	2.9	5
22	Molecular Circadian Component REV-ERBÎ± Regulates Pulmonary Inflammation Induced by Environmental Tobacco Smoke and Cigarette Smoke. , 2021, , .		0
23	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
24	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
25	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
26	p16-3MR Reporter Mouse Model: Role of Cellular Senescence in Cigarette Smoke-Induced Lung Pathologies. , 2021, , .		0
27	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
28	Multi-Walled Carbon Nanotubes (MWCNTs) Cause Cellular Senescence in TGF-Î² Stimulated Lung Epithelial Cells. Toxics, 2021, 9, 144.	3.7	6
29	Molecular clock REV-ERBÎ± regulates cigarette smokeâ€“induced pulmonary inflammation and epithelial-mesenchymal transition. JCI Insight, 2021, 6, .	5.0	36
30	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
31	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
32	SARS-CoV2 Infection Alters Tryptophan Catabolism and Phospholipid Metabolism. Metabolites, 2021, 11, 659.	2.9	14
33	Comparative Reactive Oxygen Species (ROS) Content among Various Flavored Disposable Vape Bars, including Cool (Iced) Flavored Bars. Toxics, 2021, 9, 235.	3.7	13
34	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
35	Cannabis Vaping: Existing and Emerging Modalities, Chemistry, and Pulmonary Toxicology. Chemical Research in Toxicology, 2021, 34, 2169-2179.	3.3	24
36	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

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37	Epithelial Ablation of Miro1/Rhot1 GTPase Augments Lung Inflammation by Cigarette Smoke. Pathophysiology, 2021, 28, 501-512.	2.2	2
38	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
39	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
40	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
41	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
42	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
43	FN3K expression in COPD: a potential comorbidity factor for cardiovascular disease. BMJ Open Respiratory Research, 2020, 7, e000714.	3.0	4
44	Pod-based menthol and tobacco flavored e-cigarettes cause mitochondrial dysfunction in lung epithelial cells. Toxicology Letters, 2020, 333, 303-311.	0.8	22
45	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
46	Exosomal Micro RNA Are Novel Circulating Biomarkers Among E-cigarette Users, Cigarette, and Waterpipe Smokers. , 2020, , .		0
47	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
48	Lipopolysaccharide Causes the Metabolic Flux to Glycolysis and Induces NLRP3 Inflammasome Activation and RIPK3-Mediated Necroptosis in the Lung. , 2020, , .		0
49	Propylene Glycol/Vegetable Glycerin and Menthol-Flavored E-cigarette Aerosol Induced Strain and Sex Dependent Immune-Toxicity in Mice. , 2020, , .		0
50	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
51	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
52	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
53	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
54	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

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55	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
56	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
57	The Role of MTFP1 in Regulating Airway Epithelial Mitochondrial Dynamics and Inflammatory Responses Following Cigarette Smoke Exposure and in COPD. , 2020, , .		0
58	Molecular Circadian Component REV-ERBÎ± Regulates Lung Inflammation Induced by Influenza Virus and Cigarette Smoke. , 2020, , .		0
59	Prenatal E-cig Aerosol Exposure Leads to Extracellular Matrix Remodeling and Dysregulated Myogenesis in Offspring Mice with Sex-Dependent Manner. , 2020, , .		0
60	Clinical, Chemical, and Toxicological Analyses of E-cigarette, or Vaping, Product Use-Associated Lung Injury (EVALI). , 2020, , .		0
61	Electronic-Cigarette Induces Dysregulated Repair Response and Extracellular Matrix Remodeling in Mouse Lung Via Î±7 Nicotinic Acetylcholine Receptor. , 2020, , .		0
62	Dynamics of House Dust Mite and Th2 Cytokine-Mediated Circadian Clock Dysregulation in Human Bronchial Epithelial Cells: Therapeutic Role of REV-ERbÎ±. , 2020, , .		0
63	Role of Non-Coding RNAs in Lung Circadian Clock Related Diseases. International Journal of Molecular Sciences, 2020, 21, 3013.	4.1	9
64	SARS-CoV-2 COVID-19 susceptibility and lung inflammatory storm by smoking and vaping. Journal of Inflammation, 2020, 17, 21.	3.4	73
65	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
66	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
67	Airway basal cell injury after acute diacetyl (2,3-butanedione) vapor exposure. Toxicology Letters, 2020, 325, 25-33.	0.8	16
68	Cellular stress responses and dysfunctional Mitochondrialâ€“cellular senescence, and therapeutics in chronic respiratory diseases. Redox Biology, 2020, 33, 101443.	9.0	41
69	Chemical Constituents Involved in E-Cigarette, or Vaping Product Use-Associated Lung Injury (EVALI). Toxics, 2020, 8, 25.	3.7	53
70	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
71	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
72	Electronic cigarette use and subjective cognitive complaints in adults. PLoS ONE, 2020, 15, e0241599.	2.5	18

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73	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
74	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
75	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
76	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
77	Flavor Inconsistencies between Flavored Tobacco Products among US Adults. American Journal of Health Behavior, 2020, 44, 617-630.	1.4	0
78	Flavor Inconsistencies between Flavored Tobacco Products among US Adults. American Journal of Health Behavior, 2020, 44, 617-630.	1.4	4
79	Title is missing!. , 2020, 15, e0243065.		0
80	Title is missing!. , 2020, 15, e0243065.		0
81	Title is missing!. , 2020, 15, e0243065.		0
82	Title is missing!. , 2020, 15, e0243065.		0
83	Tobaccoâ€product usage as a risk factor for dental implants. Periodontology 2000, 2019, 81, 48-56.	13.4	65
84	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
85	Mitochondrial dysfunction is associated with Miro1 reduction in lung epithelial cells by cigarette smoke. Toxicology Letters, 2019, 317, 92-101.	0.8	38
86	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
87	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
88	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
89	Long Noncoding Transcriptome in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 678-688.	2.9	38
90	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

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91	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
92	Histological Chorioamnionitis Induces Differential Gene Expression in Human Cord Blood Mononuclear Leukocytes from Term Neonates. Scientific Reports, 2019, 9, 5862.	3.3	7
93	Waterpipe smoke and e-cigarette vapor differentially affect circadian molecular clock gene expression in mouse lungs. PLoS ONE, 2019, 14, e0211645.	2.5	19
94	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
95	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
96	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
97	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
98	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
99	Pulmonary Toxicity and the Pathophysiology of Electronic Cigarette, or Vaping Product, Use Associated Lung Injury. Frontiers in Pharmacology, 2019, 10, 1619.	3.5	73
100	Title is missing!. , 2019, 14, e0226066.		0
101	Title is missing!. , 2019, 14, e0226066.		0
102	Title is missing!. , 2019, 14, e0226066.		0
103	Title is missing!. , 2019, 14, e0226066.		0
104	Title is missing!. , 2019, 14, e0226066.		0
105	Title is missing!. , 2019, 14, e0226066.		0
106	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
107	Chronic cigarette smoke exposure drives spiral ganglion neuron loss in mice. Scientific Reports, 2018, 8, 5746.	3.3	9
108	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

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109	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
110	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
111	Redox regulation of circadian molecular clock in chronic airway diseases. Free Radical Biology and Medicine, 2018, 119, 121-128.	2.9	23
112	Strain- and sex-dependent pulmonary toxicity of waterpipe smoke in mouse. Physiological Reports, 2018, 6, e13579.	1.7	15
113	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
114	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
115	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
116	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
117	Lung cellular senescence is independent of aging in a mouse model of COPD/emphysema. Scientific Reports, 2018, 8, 9023.	3.3	50
118	Blockade of RAGE ameliorates elastaseâ€induced emphysema development and progression via RAGEâ€DAMP signaling. FASEB Journal, 2017, 31, 2076-2089.	0.5	54
119	Recent updates on electronic cigarette aerosol and inhaled nicotine effects on periodontal and pulmonary tissues. Oral Diseases, 2017, 23, 1052-1057.	3.0	89
120	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
121	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
122	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
123	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
124	Toxicological impact of waterpipe smoking and flavorings in the oral cavity and respiratory system. Inhalation Toxicology, 2017, 29, 389-396.	1.6	18
125	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
126	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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127	DNA methylation profiling in peripheral lung tissues of smokers and patients with COPD. Clinical Epigenetics, 2017, 9, 38.	4.1	80
128	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
129	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
130	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
131	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
132	Genetic Ablation of CXCR2 Protects against Cigarette Smoke-Induced Lung Inflammation and Injury. Frontiers in Pharmacology, 2016, 7, 391.	3.5	21
133	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
134	Redox regulation of inflammatory processes. International Journal of Biochemistry and Cell Biology, 2016, 81, 234-235.	2.8	8
135	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
136	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
137	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
138	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
139	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
140	Influenza A virus-dependent remodeling of pulmonary clock function in a mouse model of COPD. Scientific Reports, 2015, 5, 9927.	3.3	63
141	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
142	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
143	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
144	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

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145	Circadian molecular clock in lung pathophysiology. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1056-L1075.	2.9	93
146	SIRT1 and Inflammaging in Chronic Obstructive Pulmonary Disease. , 2014, , 183-191.		1
147	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
148	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
149	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
150	Nrf2 reduces levels of phosphorylated tau protein by inducing autophagy adaptor protein NDP52. Nature Communications, 2014, 5, 3496.	12.8	265
151	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
152	Smoking, Oxidative/Carbonyl Stress, and Regulation of Redox Signaling in Lung Inflammation. , 2014, , 817-848.		0
153	Redox regulation of SIRT1 in inflammation and cellular senescence. Free Radical Biology and Medicine, 2013, 61, 95-110.	2.9	394
154	Reactive Oxygen Species, Kinase Signaling, and Redox Regulation of Epigenetics. , 2013, , 309-342.		0
155	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
156	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
157	Dietary Bioactive Functional Polyphenols in Chronic Lung Diseases. , 2013, , 513-525.		1
158	P21-PARP-1 Pathway Is Involved in Cigarette Smoke-Induced Lung DNA Damage and Cellular Senescence. PLoS ONE, 2013, 8, e80007.	2.5	36
159	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
160	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
161	Strategies to decrease ongoing oxidant burden in chronic obstructive pulmonary disease. Expert Review of Clinical Pharmacology, 2012, 5, 293-309.	3.1	26
162	Perspectives on translational and therapeutic aspects of SIRT1 in inflammaging and senescence. Biochemical Pharmacology, 2012, 84, 1332-1339.	4.4	114

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163	Antioxidant pharmacological therapies for COPD. Current Opinion in Pharmacology, 2012, 12, 256-265.	3.5	106
164	Pharmacological antioxidant strategies as therapeutic interventions for COPD. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 714-728.	3.8	87
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