Gang Liu

List of Publications by Year
in descending order

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168 papers	14,321 citations	15504 65 h-index	22166 113 g-index
176 all docs	176 docs citations	176 times ranked	20907 citing authors

#	Article	IF	Citations
1	miR-21 mediates fibrogenic activation of pulmonary fibroblasts and lung fibrosis. Journal of Experimental Medicine, 2010, 207, 1589-1597.	8.5	822
2	Effects of cigarette smoke on the human airway epithelial cell transcriptome. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10143-10148.	7.1	554
3	Airway epithelial gene expression in the diagnostic evaluation of smokers with suspect lung cancer. Nature Medicine, 2007, 13, 361-366.	30.7	507
4	Targetable genetic features of primary testicular and primary central nervous system lymphomas. Blood, 2016, 127, 869-881.	1.4	429
5	miR-147, a microRNA that is induced upon Toll-like receptor stimulation, regulates murine macrophage inflammatory responses. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15819-15824.	7.1	412
6	MicroRNAs as modulators of smoking-induced gene expression changes in human airway epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2319-2324.	7.1	402
7	Glycolytic Reprogramming in Myofibroblast Differentiation and Lung Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1462-1474.	5.6	376
8	Activation of AMPK attenuates neutrophil proinflammatory activity and decreases the severity of acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L497-L504.	2.9	281
9	MicroRNA let-7c Regulates Macrophage Polarization. Journal of Immunology, 2013, 190, 6542-6549.	0.8	266
10	Pyruvate Dehydrogenase Kinase 1 Participates in Macrophage Polarization via Regulating Glucose Metabolism. Journal of Immunology, 2015, 194, 6082-6089.	0.8	251
11	Participation of miR-200 in Pulmonary Fibrosis. American Journal of Pathology, 2012, 180, 484-493.	3.8	232
12	Identification of a microRNA signature in renal fibrosis: role of miR-21. American Journal of Physiology - Renal Physiology, 2011, 301, F793-F801.	2.7	224
13	Reversible and permanent effects of tobacco smoke exposure on airway epithelial gene expression. Genome Biology, 2007, 8, R201.	9.6	217
14	Airway PI3K Pathway Activation Is an Early and Reversible Event in Lung Cancer Development. Science Translational Medicine, 2010, 2, 26ra25.	12.4	215
15	miR-125a-5p Regulates Differential Activation of Macrophages and Inflammation. Journal of Biological Chemistry, 2013, 288, 35428-35436.	3.4	215
16	MicroRNAs in Immune Response and Macrophage Polarization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 170-177.	2.4	208
17	Smoking-induced gene expression changes in the bronchial airway are reflected in nasal and buccal epithelium. BMC Genomics, 2008, 9, 259.	2.8	194
18	The human long noncoding <scp>RNA</scp> lncâ€<scp>IL</scp>7<scp>R</scp> regulates the inflammatory response. European Journal of Immunology, 2014, 44, 2085-2095.	2.9	188

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19	The ferredoxin reductase gene is regulated by the p53 family and sensitizes cells to oxidative stress-induced apoptosis. Oncogene, 2002, 21, 7195-7204.	5.9	176
20	miR-21 regulates chronic hypoxia-induced pulmonary vascular remodeling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L521-L529.	2.9	160
21	Gene Expression Profiling of Human Lung Tissue from Smokers with Severe Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 601-610.	2.9	159
22	High Mobility Group Protein-1 Inhibits Phagocytosis of Apoptotic Neutrophils through Binding to Phosphatidylserine. Journal of Immunology, 2008, 181, 4240-4246.	0.8	156
23	Mitochondrial Respiratory Complex I Regulates Neutrophil Activation and Severity of Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 168-179.	5.6	150
24	The Monocarboxylate Transporter 4 Is Required for Glycolytic Reprogramming and Inflammatory Response in Macrophages. Journal of Biological Chemistry, 2015, 290, 46-55.	3.4	146
25	Serpine 1 induces alveolar type <scp>II</scp> cell senescence through activating p53â€p21â€Rb pathway in fibrotic lung disease. Aging Cell, 2017, 16, 1114-1124.	6.7	146
26	SARS-CoV-2 induces transcriptional signatures in human lung epithelial cells that promote lung fibrosis. Respiratory Research, 2020, 21, 182.	3.6	146
27	miRâ€145 regulates myofibroblast differentiation and lung fibrosis. FASEB Journal, 2013, 27, 2382-2391.	0.5	143
28	A Dynamic Bronchial Airway Gene Expression Signature of Chronic Obstructive Pulmonary Disease and Lung Function Impairment. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 933-942.	5.6	142
29	Metabolic Reprogramming Is Required for Myofibroblast Contractility and Differentiation. Journal of Biological Chemistry, 2015, 290, 25427-25438.	3.4	140
30	PAI-1 inhibits neutrophil efferocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11784-11789.	7.1	127
31	miR-21 mediates hematopoietic suppression in MDS by activating TGF-Î² signaling. Blood, 2013, 121, 2875-2881.	1.4	123
32	Animal models of <scp>COPD</scp>: <scp>W</scp>hat do they tell us?. Respirology, 2017, 22, 21-32.	2.3	122
33	miR-27a Regulates Inflammatory Response of Macrophages by Targeting IL-10. Journal of Immunology, 2014, 193, 327-334.	0.8	121
34	p53 Attenuates Lipopolysaccharide-Induced NF-ÎºB Activation and Acute Lung Injury. Journal of Immunology, 2009, 182, 5063-5071.	0.8	119
35	Mechanisms and treatments for severe, steroidâ€resistant allergic airway disease and asthma. Immunological Reviews, 2017, 278, 41-62.	6.0	119
36	Gene Expression in Lung Adenocarcinomas of Smokers and Nonsmokers. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 157-162.	2.9	112

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37	Potential Role of High-Mobility Group Box 1 in Cystic Fibrosis Airway Disease. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 822-831.	5.6	112
38	Integrated Genomics Reveals Convergent Transcriptomic Networks Underlying Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 948-960.	5.6	110
39	Lung Myofibroblasts Promote Macrophage Profibrotic Activity through Lactate-induced Histone Lactylation. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 115-125.	2.9	110
40	Mechanosensing by the Î±6-integrin confers an invasive fibroblast phenotype and mediates lung fibrosis. Nature Communications, 2016, 7, 12564.	12.8	109
41	Participation of Mammalian Target of Rapamycin Complex 1 in Toll-Like Receptor 2â€“ and 4â€“Induced Neutrophil Activation and Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 237-245.	2.9	108
42	Similarities and differences between smoking-related gene expression in nasal and bronchial epithelium. Physiological Genomics, 2010, 41, 1-8.	2.3	107
43	Histone Modifications in Senescence-Associated Resistance to Apoptosis by Oxidative Stress. Redox Biology, 2013, 1, 8-16.	9.0	106
44	Î”Np73Î² Is Active in Transactivation and Growth Suppression. Molecular and Cellular Biology, 2004, 24, 487-501.	2.3	104
45	HMGB1 inhibits macrophage activity in efferocytosis through binding to the Î±_vÎ²₃-integrin. American Journal of Physiology - Cell Physiology, 2010, 299, C1267-C1276.	4.6	101
46	Ferredoxin reductase is critical for p53-dependent tumor suppression via iron regulatory protein 2. Genes and Development, 2017, 31, 1243-1256.	5.9	97
47	Long noncoding RNA Malat1 regulates differential activation of macrophages and response to lung injury. JCI Insight, 2019, 4, .	5.0	97
48	The Activation Domains, the Proline-rich Domain, and the C-terminal Basic Domain in p53 Are Necessary for Acetylation of Histones on the Proximal p21 Promoter and Interaction with p300/CREB-binding Protein. Journal of Biological Chemistry, 2003, 278, 17557-17565.	3.4	95
49	DNA Polymerase Î·, the Product of the Xeroderma Pigmentosum Variant Gene and a Target of p53, Modulates the DNA Damage Checkpoint and p53 Activation. Molecular and Cellular Biology, 2006, 26, 1398-1413.	2.3	94
50	A gene expression signature of emphysema-related lung destruction and its reversal by the tripeptide GHK. Genome Medicine, 2012, 4, 67.	8.2	94
51	Involvement of Vitronectin in Lipopolysaccaride-Induced Acute Lung Injury. Journal of Immunology, 2007, 179, 7079-7086.	0.8	92
52	Glutaminolysis Promotes Collagen Translation and Stability via Î±-Ketoglutarateâ€“mediated mTOR Activation and Proline Hydroxylation. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 378-390.	2.9	92
53	Antiinflammatory Effects of Hydrogen Peroxide in Neutrophil Activation and Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 694-704.	5.6	89
54	Regulation of the p53 transcriptional activity. Journal of Cellular Biochemistry, 2006, 97, 448-458.	2.6	86

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55	Influenza virus M2 protein inhibits epithelial sodium channels by increasing reactive oxygen species. FASEB Journal, 2009, 23, 3829-3842.	0.5	84
56	Therapeutic Targeting of Src Kinase in Myofibroblast Differentiation and Pulmonary Fibrosis. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 87-95.	2.5	83
57	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. Journal of Pathology, 2017, 243, 510-523.	4.5	81
58	Cellular Metabolism in Lung Health and Disease. Annual Review of Physiology, 2019, 81, 403-428.	13.1	81
59	miR-34a Inhibits Lung Fibrosis by Inducing Lung Fibroblast Senescence. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 168-178.	2.9	80
60	PAI-1 Regulation of TGF-Î²1â€“induced Alveolar Type II Cell Senescence, SASP Secretion, and SASP-mediated Activation of Alveolar Macrophages. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 319-330.	2.9	80
61	Autoimmunity to Vimentin Is Associated with Outcomes of Patients with Idiopathic Pulmonary Fibrosis. Journal of Immunology, 2017, 199, 1596-1605.	0.8	76
62	Role of extracellular superoxide in neutrophil activation: interactions between xanthine oxidase and TLR4 induce proinflammatory cytokine production. American Journal of Physiology - Cell Physiology, 2008, 294, C985-C993.	4.6	71
63	Participation of the Receptor for Advanced Glycation End Products in Efferocytosis. Journal of Immunology, 2011, 186, 6191-6198.	0.8	71
64	Cell senescence and fibrotic lung diseases. Experimental Gerontology, 2020, 132, 110836.	2.8	71
65	Molecular subtyping reveals immune alterations associated with progression of bronchial premalignant lesions. Nature Communications, 2019, 10, 1856.	12.8	70
66	MicroRNA-27a-3p Is a Negative Regulator of Lung Fibrosis by Targeting Myofibroblast Differentiation. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 843-852.	2.9	68
67	MicroRNA-145 Antagonism Reverses TGF-Î² Inhibition of F508del CFTR Correction in Airway Epithelia. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 632-643.	5.6	68
68	Critical role for iron accumulation in the pathogenesis of fibrotic lung disease. Journal of Pathology, 2020, 251, 49-62.	4.5	67
69	Myosin VI Is a Mediator of the p53-Dependent Cell Survival Pathway. Molecular and Cellular Biology, 2006, 26, 2175-2186.	2.3	66
70	Epigenetic mechanisms regulate NADPH oxidase-4 expression in cellular senescence. Free Radical Biology and Medicine, 2015, 79, 197-205.	2.9	65
71	Characterizing smoking-induced transcriptional heterogeneity in the human bronchial epithelium at single-cell resolution. Science Advances, 2019, 5, eaaw3413.	10.3	64
72	Integrating microbial and host transcriptomics to characterize asthma-associated microbial communities. BMC Medical Genomics, 2015, 8, 50.	1.5	63

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73	Intracellular HMGB1 Negatively Regulates Efferocytosis. Journal of Immunology, 2011, 187, 4686-4694.	0.8	60
74	p53, a Target of Estrogen Receptor (ER) Î±, Modulates DNA Damage-induced Growth Suppression in ER-positive Breast Cancer Cells. Journal of Biological Chemistry, 2012, 287, 30117-30127.	3.4	60
75	Citrullinated vimentin mediates development and progression of lung fibrosis. Science Translational Medicine, 2021, 13, .	12.4	60
76	Suppression of Inhibitor of Differentiation 2, a Target of Mutant p53, Is Required for Gain-of-Function Mutations. Cancer Research, 2008, 68, 6789-6796.	0.9	58
77	The role of the microbiome and the NLRP3 inflammasome in the gut and lung. Journal of Leukocyte Biology, 2020, 108, 925-935.	3.3	58
78	Participation of the urokinase receptor in neutrophil efferocytosis. Blood, 2009, 114, 860-870.	1.4	57
79	New Insights into the Pathogenesis and Treatment of Idiopathic Pulmonary Fibrosis. Drugs, 2011, 71, 981-1001.	10.9	56
80	Postexposure Administration of a Î²₂-Agonist Decreases Chlorine-Induced Airway Hyperreactivity in Mice. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 88-94.	2.9	56
81	Interleukinâ€1 receptorâ€associated kinase (IRAK) â€1â€mediated NFâ€Î¤ activation requires cytosolic and nuclear activity. FASEB Journal, 2008, 22, 2285-2296.	0.5	55
82	Impairment of Fatty Acid Oxidation in Alveolar Epithelial Cells Mediates Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 167-178.	2.9	55
83	A monoclonal antibody to Siglec-8 suppresses non-allergic airway inflammation and inhibits IgE-independent mast cell activation. Mucosal Immunology, 2021, 14, 366-376.	6.0	55
84	Genetic Variation and Antioxidant Response Gene Expression in the Bronchial Airway Epithelium of Smokers at Risk for Lung Cancer. PLoS ONE, 2010, 5, e11934.	2.5	55
85	Pirh2 E3 Ubiquitin Ligase Targets DNA Polymerase Eta for 20S Proteasomal Degradation. Molecular and Cellular Biology, 2010, 30, 1041-1048.	2.3	54
86	Metabolic characterization and RNA profiling reveal glycolytic dependence of profibrotic phenotype of alveolar macrophages in lung fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L834-L844.	2.9	54
87	Targeted disruption of MCPIP1/Zc3h12a results in fatal inflammatory disease. Immunology and Cell Biology, 2013, 91, 368-376.	2.3	52
88	miR-34a promotes fibrosis in aged lungs by inducing alveolarepithelial dysfunctions. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L415-L424.	2.9	51
89	Antiproliferative effects of boswellic acid-loaded chitosan nanoparticles on human lung cancer cell line A549. Future Medicinal Chemistry, 2020, 12, 2019-2034.	2.3	49
90	Respiratory Syncytial Virus Inhibits Lung Epithelial Na+ Channels by Up-regulating Inducible Nitric-oxide Synthase. Journal of Biological Chemistry, 2009, 284, 7294-7306.	3.4	47

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91	The C-terminal acidic tail is responsible for the inhibitory effects of HMGB1 on efferocytosis. Journal of Leukocyte Biology, 2010, 88, 973-979.	3.3	47
92	IL-6 Drives Neutrophil-Mediated Pulmonary Inflammation Associated with Bacteremia in Murine Models of Colitis. American Journal of Pathology, 2018, 188, 1625-1639.	3.8	46
93	The C-terminal Sterile Î± Motif and the Extreme C Terminus Regulate the Transcriptional Activity of the Î± Isoform of p73. Journal of Biological Chemistry, 2005, 280, 20111-20119.	3.4	45
94	Inhibition of Lung Fluid Clearance and Epithelial Na+ Channels by Chlorine, Hypochlorous Acid, and Chloramines. Journal of Biological Chemistry, 2010, 285, 9716-9728.	3.4	45
95	Regulation of Alveolar Epithelial Na⁺ Channels by ERK1/2 in Chlorine-Breathing Mice. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 342-354.	2.9	45
96	Inhibition of Glutaminase 1 Attenuates Experimental Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 492-500.	2.9	45
97	Extracellular Histones Inhibit Efferocytosis. Molecular Medicine, 2012, 18, 825-833.	4.4	44
98	Shared Gene Expression Alterations in Nasal and Bronchial Epithelium for Lung Cancer Detection. Journal of the National Cancer Institute, 2017, 109, .	6.3	44
99	Platelet activating factor receptor regulates colitis-induced pulmonary inflammation through the NLRP3 inflammasome. Mucosal Immunology, 2019, 12, 862-873.	6.0	43
100	Fibulin-1c regulates transforming growth factorâ€“Î² activation in pulmonary tissue fibrosis. JCI Insight, 2019, 4, .	5.0	42
101	IFN Regulatory Factor 2 Inhibits Expression of Glycolytic Genes and Lipopolysaccharide-Induced Proinflammatory Responses in Macrophages. Journal of Immunology, 2018, 200, 3218-3230.	0.8	41
102	Crucial role for lung iron level and regulation in the pathogenesis and severity of asthma. European Respiratory Journal, 2020, 55, 1901340.	6.7	40
103	MCPIP1 negatively regulates toll-like receptor 4 signaling and protects mice from LPS-induced septic shock. Cellular Signalling, 2013, 25, 1228-1234.	3.6	39
104	Ninjurin1, a target of p53, regulates p53 expression and p53-dependent cell survival, senescence, and radiation-induced mortality. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9362-9367.	7.1	39
105	Nondestructive cryomicro-CT imaging enables structural and molecular analysis of human lung tissue. Journal of Applied Physiology, 2017, 122, 161-169.	2.5	39
106	ATF4 Mediates Mitochondrial Unfolded Protein Response in Alveolar Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 478-489.	2.9	39
107	Monocyte-derived alveolar macrophage apolipoprotein E participates in pulmonary fibrosis resolution. JCI Insight, 2020, 5, .	5.0	39
108	Detecting the Presence and Progression of Premalignant Lung Lesions via Airway Gene Expression. Clinical Cancer Research, 2017, 23, 5091-5100.	7.0	37

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109	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.	2.9	37
110	Characterization of p73 functional domains necessary for transactivation and growth suppression. Oncogene, 2003, 22, 4333-4347.	5.9	35
111	Elastin is a key factor of tumor development in colorectal cancer. BMC Cancer, 2020, 20, 217.	2.6	35
112	Identification of TLT2 as an Engulfment Receptor for Apoptotic Cells. Journal of Immunology, 2012, 188, 6381-6388.	0.8	34
113	Identification and Optimization of Mechanism-Based Fluoroallylamine Inhibitors of Lysyl Oxidase-like 2/3. Journal of Medicinal Chemistry, 2019, 62, 9874-9889.	6.4	34
114	Noninvasive Imaging of Experimental Lung Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 8-13.	2.9	31
115	Assessment of microRNA differential expression and detection in multiplexed small RNA sequencing data. Rna, 2015, 21, 164-171.	3.5	31
116	miR-196b Is Epigenetically Silenced during the Premalignant Stage of Lung Carcinogenesis. Cancer Research, 2016, 76, 4741-4751.	0.9	31
117	Alterations in Bronchial Airway miRNA Expression for Lung Cancer Detection. Cancer Prevention Research, 2017, 10, 651-659.	1.5	31
118	A Randomized Phase IIb Trial of myo-Inositol in Smokers with Bronchial Dysplasia. Cancer Prevention Research, 2016, 9, 906-914.	1.5	29
119	Effect of long-term corticosteroid treatment on microRNA and gene-expression profiles in COPD. European Respiratory Journal, 2019, 53, 1801202.	6.7	29
120	ncRNA-regulated immune response and its role in inflammatory lung diseases. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1076-L1087.	2.9	28
121	Low-dose cadmium exposure induces peribronchiolar fibrosis through site-specific phosphorylation of vimentin. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L80-L91.	2.9	28
122	Noninvasive method for obtaining RNA from buccal mucosa epithelial cells for gene expression profiling. BioTechniques, 2004, 36, 484-487.	1.8	27
123	Monocyte Chemotactic Protein-induced Protein 1 and 4 Form a Complex but Act Independently in Regulation of Interleukin-6 mRNA Degradation. Journal of Biological Chemistry, 2015, 290, 20782-20792.	3.4	25
124	Modulation of SCFÎ²-TrCP-dependent IÎºBÎ± Ubiquitination by Hydrogen Peroxide. Journal of Biological Chemistry, 2010, 285, 2665-2675.	3.4	24
125	AICAR decreases acute lung injury by phosphorylating AMPK and upregulating heme oxygenase-1. European Respiratory Journal, 2021, 58, 2003694.	6.7	22
126	Pharmacological HIF-1 stabilization promotes intestinal epithelial healing through regulation of Î±-integrin expression and function. American Journal of Physiology - Renal Physiology, 2021, 320, G420-G438.	3.4	20

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127	SIRT1 Pathway Dysregulation in the Smoke-Exposed Airway Epithelium and Lung Tumor Tissue. Cancer Research, 2012, 72, 5702-5711.	0.9	18
128	IL-13 Induces YY1 through the AKT Pathway in Lung Fibroblasts. PLoS ONE, 2015, 10, e0119039.	2.5	18
129	Transcriptomic changes in the nasal epithelium associated with diesel engine exhaust exposure. Environment International, 2020, 137, 105506.	10.0	18
130	Brief Report: Defining the Nasal Transcriptome in Granulomatosis With Polyangiitis (Wegener's). Arthritis and Rheumatology, 2015, 67, 2233-2239.	5.6	17
131	Gene-expression profiling of buccal epithelium among non-smoking women exposed to household air pollution from smoky coal. Carcinogenesis, 2015, 36, bgv150.	2.8	17
132	The Receptor for Urokinase Regulates TLR2 Mediated Inflammatory Responses in Neutrophils. PLoS ONE, 2011, 6, e25843.	2.5	16
133	Therapeutic efficacy of hydrogenâ€rich saline alone and in combination with PI3K inhibitor in nonâ€small cell lung cancer. Molecular Medicine Reports, 2018, 18, 2182-2190.	2.4	16
134	Tobacco-Related Alterations in Airway Gene Expression are Rapidly Reversed Within Weeks Following Smoking-Cessation. Scientific Reports, 2019, 9, 6978.	3.3	16
135	Semi-quantitative RT-PCR analysis of LIM mineralization protein 1 and its associated molecules in cultured human dental pulp cells. Archives of Oral Biology, 2007, 52, 720-726.	1.8	15
136	Urokinase-Type Plasminogen Activator Inhibits Efferocytosis of Neutrophils. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1516-1523.	5.6	15
137	AKR1C1 as a Biomarker for Differentiating the Biological Effects of Combustible from Non-Combustible Tobacco Products. Genes, 2017, 8, 132.	2.4	15
138	Gene Expression Alterations in the Bronchial Epithelium of e-Cigarette Users. Chest, 2019, 156, 764-773.	0.8	15
139	Incipient need of targeting airway remodeling using advanced drug delivery in chronic respiratory diseases. Future Medicinal Chemistry, 2020, 12, 873-875.	2.3	15
140	Enhancing tristetraprolin activity reduces the severity of cigarette smokeâ€induced experimental chronic obstructive pulmonary disease. Clinical and Translational Immunology, 2019, 8, e01084.	3.8	14
141	Platelet activating factor receptor acts to limit colitisâ€induced liver inflammation. FASEB Journal, 2020, 34, 7718-7732.	0.5	14
142	RelB-Deficient Dendritic Cells Promote the Development of Spontaneous Allergic Airway Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 352-365.	2.9	13
143	Divergent Regulation of Alveolar Type 2 Cell and Fibroblast Apoptosis by Plasminogen Activator Inhibitor 1 in Lung Fibrosis. American Journal of Pathology, 2021, 191, 1227-1239.	3.8	13
144	Recent developments in the pathobiology of lung myofibroblasts. Expert Review of Respiratory Medicine, 2021, 15, 239-247.	2.5	12

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145	Comparison of smoking-induced gene expression on Affymetrix Exon and 3'-based expression arrays. Genome Informatics, 2007, 18, 247-57.	0.4	12
146	The code of non-coding RNAs in lung fibrosis. Cellular and Molecular Life Sciences, 2015, 72, 3507-3519.	5.4	11
147	Impact of Cigarette Smoke on the Normal Airway Transcriptome. Chest, 2004, 125, 115S.	0.8	10
148	Effect of Intermittent Versus Continuous Low-Dose Aspirin on Nasal Epithelium Gene Expression in Current Smokers: A Randomized, Double-Blinded Trial. Cancer Prevention Research, 2019, 12, 809-820.	1.5	9
149	The Joint Effects of Diet and Dietary Supplements in Relation to Obesity and Cardiovascular Disease over a 10-Year Follow-Up: A Longitudinal Study of 69,990 Participants in Australia. Nutrients, 2021, 13, 944.	4.1	9
150	MicroRNAs for osteosarcoma in the mouse: a meta-analysis. Oncotarget, 2016, 7, 85650-85674.	1.8	8
151	Therapeutic potential of an orally effective small molecule inhibitor of plasminogen activator inhibitor for asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L328-L336.	2.9	8
152	Bronchial gene expression signature associated with rate of subsequent FEV₁ decline in individuals with and at risk of COPD. Thorax, 2022, 77, 31-39.	5.6	8
153	Concepts of advanced therapeutic delivery systems for the management of remodeling and inflammation in airway diseases. Future Medicinal Chemistry, 2022, 14, 271-288.	2.3	8
154	Distinguishing Smoking-Related Lung Disease Phenotypes Via Imaging and Molecular Features. Chest, 2021, 159, 549-563.	0.8	6
155	Summarizing performance for genome scale measurement of miRNA: reference samples and metrics. BMC Genomics, 2018, 19, 180.	2.8	5
156	Assessment of a Highly Multiplexed RNA Sequencing Platform and Comparison to Existing High-Throughput Gene Expression Profiling Techniques. Frontiers in Genetics, 2019, 10, 150.	2.3	4
157	Linking polymorphic p53 response elements with gene expression in airway epithelial cells of smokers and cancer risk. Human Genetics, 2014, 133, 1467-1476.	3.8	3
158	COMPARISON OF SMOKING-INDUCED GENE EXPRESSION ON AFFYMETRIX EXON AND 3'-BASED EXPRESSION ARRAYS. , 2007, , .		2
159	How Noncoding RNAs Contribute to Macrophage Polarization. , 2015, , 59-84.		2
160	Differential gene expression of 3D primary human airway cultures exposed to cigarette smoke and electronic nicotine delivery system (ENDS) preparations. BMC Medical Genomics, 2022, 15, 76.	1.5	2
161	Clinical Study of Aspirin and Zileuton on Biomarkers of Tobacco-Related Carcinogenesis in Current Smokers. Cancers, 2022, 14, 2893.	3.7	2
162	Transglutaminase-2: Natureâ€™s Glue in Lung Fibrosis?. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 243-244.	2.9	1

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163	Elevated T cell repertoire diversity is associated with progression of lung squamous cell premalignant lesions. , 2021, 9, e002647.		1
164	Pathologic and gene expression comparison of CT- screen detected and routinely detected stage I/0 lung adenocarcinoma in NCCN risk-matched cohorts.. Cancer Treatment and Research Communications, 2021, 29, 100486.	1.7	1
165	The Lung Likes the Little Fella miR-29. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 637-638.	2.9	0
166	Abstract 856: Proteomic analysis of serum in workers exposed to diesel engine exhaust. , 2021, , .		0
167	Characterizing the T cell repertoire in lung squamous cell premalignancy and its association with lesion outcome.. Journal of Clinical Oncology, 2019, 37, 102-102.	1.6	0
168	DOCK-t(w)o Pleural Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2021, , .	2.9	0