Naftali Kaminski

List of Publications by Year
in descending order

407 papers	37,295 citations	3333 91 h-index	3647 180 g-index
457 all docs	457 docs citations	457 times ranked	40415 citing authors

#	Article	IF	Citations
1	SARS-CoV-2 Receptor ACE2 Is an Interferon-Stimulated Gene in Human Airway Epithelial Cells and Is Detected in Specific Cell Subsets across Tissues. Cell, 2020, 181, 1016-1035.e19.	13.5	1,956
2	A Mechanism for Regulating Pulmonary Inflammation and Fibrosis: The Integrin Î±vÎ²6 Binds and Activates Latent TGF Î²1. Cell, 1999, 96, 319-328.	13.5	1,867
3	Gene-microarray analysis of multiple sclerosis lesions yields new targets validated in autoimmune encephalomyelitis. Nature Medicine, 2002, 8, 500-508.	15.2	1,558
4	Mesenchymal stem cell engraftment in lung is enhanced in response to bleomycin exposure and ameliorates its fibrotic effects. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8407-8411.	3.3	1,297
5	Acute Exacerbation of Idiopathic Pulmonary Fibrosis. An International Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 265-275.	2.5	1,006
6	Acute Exacerbations of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 636-643.	2.5	996
7	miR-21 mediates fibrogenic activation of pulmonary fibroblasts and lung fibrosis. Journal of Experimental Medicine, 2010, 207, 1589-1597.	4.2	822
8	Single-cell RNA-seq reveals ectopic and aberrant lung-resident cell populations in idiopathic pulmonary fibrosis. Science Advances, 2020, 6, eaba1983.	4.7	713
9	Mesenchymal stem cells use extracellular vesicles to outsource mitophagy and shuttle microRNAs. Nature Communications, 2015, 6, 8472.	5.8	693
10	Genome-wide association study identifies multiple susceptibility loci for pulmonary fibrosis. Nature Genetics, 2013, 45, 613-620.	9.4	667
11	Gene expression analysis reveals matrilysin as a key regulator of pulmonary fibrosis in mice and humans. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6292-6297.	3.3	576
12	Genetic variants associated with idiopathic pulmonary fibrosis susceptibility and mortality: a genome-wide association study. Lancet Respiratory Medicine,the, 2013, 1, 309-317.	5.2	486
13	Loss of integrin Î±vÎ²6-mediated TGF-Î² activation causes Mmp12-dependent emphysema. Nature, 2003, 422, 169-173.	13.7	468
14	MMP1 and MMP7 as Potential Peripheral Blood Biomarkers in Idiopathic Pulmonary Fibrosis. PLoS Medicine, 2008, 5, e93.	3.9	467
15	Inhibition and Role of let-7d in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 220-229.	2.5	454
16	TGF-Î² is a critical mediator of acute lung injury. Journal of Clinical Investigation, 2001, 107, 1537-1544.	3.9	438
17	Gene Expression Profiles Distinguish Idiopathic Pulmonary Fibrosis from Hypersensitivity Pneumonitis. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 188-198.	2.5	431
18	Up-Regulation and Profibrotic Role of Osteopontin in Human Idiopathic Pulmonary Fibrosis. PLoS Medicine, 2005, 2, e251.	3.9	420

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19	Association Between the MUC5B Promoter Polymorphism and Survival in Patients With Idiopathic Pulmonary Fibrosis. JAMA - Journal of the American Medical Association, 2013, 309, 2232.	3.8	395
20	Global analysis of gene expression in pulmonary fibrosis reveals distinct programs regulating lung inflammation and fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 1778-1783.	3.3	387
21	Caveolin-1: a critical regulator of lung fibrosis in idiopathic pulmonary fibrosis. Journal of Experimental Medicine, 2006, 203, 2895-2906.	4.2	368
22	Collagen-producing lung cell atlas identifies multiple subsets with distinct localization and relevance to fibrosis. Nature Communications, 2020, 11, 1920.	5.8	346
23	From signatures to models: understanding cancer using microarrays. Nature Genetics, 2005, 37, S38-S45.	9.4	331
24	Peripheral Blood Proteins Predict Mortality in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 67-76.	2.5	322
25	Comprehensive gene expression profiles reveal pathways related to the pathogenesis of chronic obstructive pulmonary disease. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14895-14900.	3.3	310
26	DNA microarrays identification of primary and secondary target genes regulated by p53. Oncogene, 2001, 20, 2225-2234.	2.6	308
27	Gene Expression Profiles of Acute Exacerbations of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 167-175.	2.5	301
28	Idiopathic Pulmonary Fibrosis: Aberrant Recapitulation of Developmental Programs?. PLoS Medicine, 2008, 5, e62.	3.9	284
29	MicroRNAs in idiopathic pulmonary fibrosis. Translational Research, 2011, 157, 191-199.	2.2	274
30	Human and porcine early kidney precursors as a new source for transplantation. Nature Medicine, 2003, 9, 53-60.	15.2	267
31	First-in-Human Trial of a STAT3 Decoy Oligonucleotide in Head and Neck Tumors: Implications for Cancer Therapy. Cancer Discovery, 2012, 2, 694-705.	7.7	260
32	Peripheral blood mononuclear cell gene expression profiles identify emergent post-traumatic stress disorder among trauma survivors. Molecular Psychiatry, 2005, 10, 500-513.	4.1	257
33	Increased local expression of coagulation factor X contributes to the fibrotic response in human and murine lung injury. Journal of Clinical Investigation, 2009, 119, 2550-63.	3.9	251
34	Peripheral Blood Mononuclear Cell Gene Expression Profiles Predict Poor Outcome in Idiopathic Pulmonary Fibrosis. Science Translational Medicine, 2013, 5, 205ra136.	5.8	242
35	Features of Mammalian microRNA Promoters Emerge from Polymerase II Chromatin Immunoprecipitation Data. PLoS ONE, 2009, 4, e5279.	1.1	240
36	Accelerated Variant of Idiopathic Pulmonary Fibrosis: Clinical Behavior and Gene Expression Pattern. PLoS ONE, 2007, 2, e482.	1.1	238

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37	Thyroid hormone inhibits lung fibrosis in mice by improving epithelial mitochondrial function. Nature Medicine, 2018, 24, 39-49.	15.2	236
38	Global Expression Profiling of Fibroblast Responses to Transforming Growth Factor-Î²1 Reveals the Induction of Inhibitor of Differentiation-1 and Provides Evidence of Smooth Muscle Cell Phenotypic Switching. American Journal of Pathology, 2003, 162, 533-546.	1.9	235
39	PD-1 up-regulation on CD4 ⁺ T cells promotes pulmonary fibrosis through STAT3-mediated IL-17A and TGF-Î²1 production. Science Translational Medicine, 2018, 10, .	5.8	225
40	miR-199a-5p Is Upregulated during Fibrogenic Response to Tissue Injury and Mediates TGFbeta-Induced Lung Fibroblast Activation by Targeting Caveolin-1. PLoS Genetics, 2013, 9, e1003291.	1.5	210
41	An R package suite for microarray meta-analysis in quality control, differentially expressed gene analysis and pathway enrichment detection. Bioinformatics, 2012, 28, 2534-2536.	1.8	208
42	Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 564-574.	2.5	208
43	Micro<scp>RNA</scp> mimicry blocks pulmonary fibrosis. EMBO Molecular Medicine, 2014, 6, 1347-1356.	3.3	205
44	Future Directions in Idiopathic Pulmonary Fibrosis Research. An NHLBI Workshop Report. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 214-222.	2.5	199
45	WNT5A Is a Regulator of Fibroblast Proliferation and Resistance to Apoptosis. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 583-589.	1.4	194
46	A Role for the Receptor for Advanced Glycation End Products in Idiopathic Pulmonary Fibrosis. American Journal of Pathology, 2008, 172, 583-591.	1.9	188
47	Nrf2 Amplifies Oxidative Stress via Induction of Klf9. Molecular Cell, 2014, 53, 916-928.	4.5	186
48	A Variant in the Promoter of<i>MUC5B</i>and Idiopathic Pulmonary Fibrosis. New England Journal of Medicine, 2011, 364, 1576-1577.	13.9	185
49	Integrated Single-Cell Atlas of Endothelial Cells of the Human Lung. Circulation, 2021, 144, 286-302.	1.6	181
50	The Human Lung Cell Atlas: A High-Resolution Reference Map of the Human Lung in Health and Disease. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 31-41.	1.4	178
51	Tocilizumab Treatment for Cytokine Release Syndrome in Hospitalized Patients With Coronavirus Disease 2019. Chest, 2020, 158, 1397-1408.	0.4	177
52	Matrix Metalloproteinase 3 Is a Mediator of Pulmonary Fibrosis. American Journal of Pathology, 2011, 179, 1733-1745.	1.9	174
53	CD28 Down-Regulation on Circulating CD4 T-Cells Is Associated with Poor Prognoses of Patients with Idiopathic Pulmonary Fibrosis. PLoS ONE, 2010, 5, e8959.	1.1	170
54	Global Methylation Patterns in Idiopathic Pulmonary Fibrosis. PLoS ONE, 2012, 7, e33770.	1.1	169

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55	Increased monocyte count as a cellular biomarker for poor outcomes in fibrotic diseases: a retrospective, multicentre cohort study. Lancet Respiratory Medicine,the, 2019, 7, 497-508.	5.2	168
56	Aging Mesenchymal Stem Cells Fail to Protect Because of Impaired Migration and Antiinflammatory Response. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 787-798.	2.5	166
57	Patients with Idiopathic Pulmonary Fibrosis with Antibodies to Heat Shock Protein 70 Have Poor Prognoses. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 768-775.	2.5	165
58	Immune dysregulation and autoreactivity correlate with disease severity in SARS-CoV-2-associated multisystem inflammatory syndrome in children. Immunity, 2021, 54, 1083-1095.e7.	6.6	164
59	Profibrotic Role of miR-154 in Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 879-887.	1.4	162
60	Gene Expression in Relation to Exhaled Nitric Oxide Identifies Novel Asthma Phenotypes with Unique Biomolecular Pathways. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1363-1372.	2.5	162
61	LungMAP: The Molecular Atlas of Lung Development Program. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L733-L740.	1.3	162
62	Interleukin-13 Induces Dramatically Different Transcriptional Programs in Three Human Airway Cell Types. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 474-485.	1.4	161
63	Single-cell connectomic analysis of adult mammalian lungs. Science Advances, 2019, 5, eaaw3851.	4.7	156
64	Genomewide RNA expression profiling in lung identifies distinct signatures in idiopathic pulmonary arterial hypertension and secondary pulmonary hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H1235-H1248.	1.5	154
65	Aging Impairs Alveolar Macrophage Phagocytosis and Increases Influenza-Induced Mortality in Mice. Journal of Immunology, 2017, 199, 1060-1068.	0.4	153
66	C-X-C Motif Chemokine 13 (CXCL13) Is a Prognostic Biomarker of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 966-974.	2.5	151
67	Cellular and Humoral Autoreactivity in Idiopathic Pulmonary Fibrosis. Journal of Immunology, 2007, 179, 2592-2599.	0.4	150
68	Plasma B Lymphocyte Stimulator and B Cell Differentiation in Idiopathic Pulmonary Fibrosis Patients. Journal of Immunology, 2013, 191, 2089-2095.	0.4	142
69	Relationship of DNA Methylation and Gene Expression in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1263-1272.	2.5	140
70	Extracellular Mitochondrial DNA Is Generated by Fibroblasts and Predicts Death in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1571-1581.	2.5	140
71	DNA microarray analysis of genes involved in p53 mediated apoptosis: activation of Apaf-1. Oncogene, 2001, 20, 3449-3455.	2.6	139
72	Blood transcriptional signatures of multiple sclerosis: Unique gene expression of disease activity. Annals of Neurology, 2004, 55, 410-417.	2.8	139

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73	Palliative Care and Location of Death in Decedents With Idiopathic Pulmonary Fibrosis. Chest, 2015, 147, 423-429.	0.4	138
74	A Novel Genomic Signature with Translational Significance for Human Idiopathic Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 217-231.	1.4	137
75	Time for a change: is idiopathic pulmonary fibrosis still idiopathic and only fibrotic?. Lancet Respiratory Medicine,the, 2018, 6, 154-160.	5.2	137
76	Microbes Are Associated with Host Innate Immune Response in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 208-219.	2.5	130
77	Gene Expression Correlated with Severe Asthma Characteristics Reveals Heterogeneous Mechanisms of Severe Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1449-1463.	2.5	130
78	Serum lysyl oxidase-like 2 levels and idiopathic pulmonary fibrosis disease progression. European Respiratory Journal, 2014, 43, 1430-1438.	3.1	129
79	Characterization and peripheral blood biomarker assessment of antiâ€“Joâ€•1 antibodyâ€“positive interstitial lung disease. Arthritis and Rheumatism, 2009, 60, 2183-2192.	6.7	128
80	Multiple Imprinted and Stemness Genes Provide a Link between Normal and Tumor Progenitor Cells of the Developing Human Kidney. Cancer Research, 2006, 66, 6040-6049.	0.4	127
81	Chromosomal aberrations and gene expression profiles in non-small cell lung cancer. Lung Cancer, 2007, 56, 175-184.	0.9	123
82	Transgelin is a direct target of TGFâ€•Î²/Smad3â€•dependent epithelial cell migration in lung fibrosis. FASEB Journal, 2008, 22, 1778-1789.	0.2	121
83	BAL Cell Gene Expression Is Indicative of Outcome and Airway Basal Cell Involvement in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 622-630.	2.5	121
84	Oxidative Stress Alters Syndecan-1 Distribution in Lungs with Pulmonary Fibrosis. Journal of Biological Chemistry, 2009, 284, 3537-3545.	1.6	117
85	Validation of a 52-gene risk profile for outcome prediction in patients with idiopathic pulmonary fibrosis: an international, multicentre, cohort study. Lancet Respiratory Medicine,the, 2017, 5, 857-868.	5.2	115
86	Reconstructed Single-Cell Fate Trajectories Define Lineage Plasticity Windows during Differentiation of Human PSC-Derived Distal Lung Progenitors. Cell Stem Cell, 2020, 26, 593-608.e8.	5.2	114
87	Transcriptional regulatory model of fibrosis progression in the human lung. JCI Insight, 2019, 4, .	2.3	113
88	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.	2.5	110
89	Autoimmunity gene expression portrait: specific signature that intersects or differentiates between multiple sclerosis and systemic lupus erythematosus. Clinical and Experimental Immunology, 2004, 138, 164-170.	1.1	109
90	Blockade of the Programmed Death-1 Pathway Restores Sarcoidosis CD4⁺ T-Cell Proliferative Capacity. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 560-571.	2.5	105

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91	An HDAC9-MALAT1-BRG1 complex mediates smooth muscle dysfunction in thoracic aortic aneurysm. Nature Communications, 2018, 9, 1009.	5.8	105
92	An airway epithelial iNOSâ€“DUOX2â€“thyroid peroxidase metabolome drives Th1/Th2 nitrative stress in human severe asthma. Mucosal Immunology, 2014, 7, 1175-1185.	2.7	101
93	Single-cell multi-omics reveals dyssynchrony of the innate and adaptive immune system in progressive COVID-19. Nature Communications, 2022, 13, 440.	5.8	100
94	Gene expression profiling of target genes in ventilator-induced lung injury. Physiological Genomics, 2006, 26, 68-75.	1.0	95
95	Wnt Coreceptor <i>Lrp5</i> Is a Driver of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 185-195.	2.5	95
96	COVID-19 vulnerability: the potential impact of genetic susceptibility and airborne transmission. Human Genomics, 2020, 14, 17.	1.4	95
97	Biomarkers in idiopathic pulmonary fibrosis. Current Opinion in Pulmonary Medicine, 2012, 18, 441-446.	1.2	94
98	Matrix Metalloproteinase-19 Is a Key Regulator of Lung Fibrosis in Mice and Humans. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 752-762.	2.5	92
99	Missing value imputation in high-dimensional phenomic data: imputable or not, and how?. BMC Bioinformatics, 2014, 15, 346.	1.2	92
100	Let-7d microRNA affects mesenchymal phenotypic properties of lung fibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L534-L542.	1.3	91
101	Expression of SARS-CoV-2 receptor ACE2 and coincident host response signature varies by asthma inflammatory phenotype. Journal of Allergy and Clinical Immunology, 2020, 146, 315-324.e7.	1.5	90
102	Reducing protein oxidation reverses lung fibrosis. Nature Medicine, 2018, 24, 1128-1135.	15.2	88
103	Reduced development of COVID-19 in children reveals molecular checkpoints gating pathogenesis illuminating potential therapeutics. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24620-24626.	3.3	88
104	Approaching the degradome in idiopathic pulmonary fibrosisâ˜†. International Journal of Biochemistry and Cell Biology, 2008, 40, 1141-1155.	1.2	85
105	Validation of the prognostic value of <scp>MMP</scp>â€‡ in idiopathic pulmonary fibrosis. Respirology, 2017, 22, 486-493.	1.3	85
106	Genome-wide imputation study identifies novel HLA locus for pulmonary fibrosis and potential role for auto-immunity in fibrotic idiopathic interstitial pneumonia. BMC Genetics, 2016, 17, 74.	2.7	84
107	Comparative analysis of algorithms for signal quantitation from oligonucleotide microarrays. Bioinformatics, 2004, 20, 839-846.	1.8	83
108	Impact of a disease-management program on symptom burden and health-related quality of life in patients with idiopathic pulmonary fibrosis and their care partners. Heart and Lung: Journal of Acute and Critical Care, 2010, 39, 304-313.	0.8	83

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109	Practical Approaches to Analyzing Results of Microarray Experiments. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 125-132.	1.4	82
110	The isolation and characterization of renal cancer initiating cells from human Wilms' tumour xenografts unveils new therapeutic targets. EMBO Molecular Medicine, 2013, 5, 18-37.	3.3	82
111	Oral Antimycobacterial Therapy in Chronic Cutaneous Sarcoidosis. JAMA Dermatology, 2013, 149, 1040.	2.0	82
112	<scp>eQTL</scp> of bronchial epithelial cells and bronchial alveolar lavage deciphers <scp>GWAS</scp>â€identified asthma genes. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1309-1318.	2.7	82
113	Engraftment and Differentiation of Human Metanephroi into Functional Mature Nephrons after Transplantation into Mice Is Accompanied by a Profile of Gene Expression Similar to Normal Human Kidney Development. Journal of the American Society of Nephrology: JASN, 2002, 13, 977-990.	3.0	82
114	FK506-Binding Protein 10, a Potential Novel Drug Target for Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 455-467.	2.5	80
115	MetaQC: objective quality control and inclusion/exclusion criteria for genomic meta-analysis. Nucleic Acids Research, 2012, 40, e15-e15.	6.5	79
116	Integrative phenotyping framework (iPF): integrative clustering of multiple omics data identifies novel lung disease subphenotypes. BMC Genomics, 2015, 16, 924.	1.2	76
117	Epigenetics in idiopathic pulmonary fibrosis. Biochemistry and Cell Biology, 2015, 93, 159-170.	0.9	74
118	Characterization of the COPD alveolar niche using single-cell RNA sequencing. Nature Communications, 2022, 13, 494.	5.8	74
119	Clara Cells Attenuate the Inflammatory Response through Regulation of Macrophage Behavior. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 161-171.	1.4	73
120	Strategic Plan for Lung Vascular Research. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1554-1562.	2.5	73
121	Mitogen-Activated Protein Kinases Regulate Susceptibility to Ventilator-Induced Lung Injury. PLoS ONE, 2008, 3, e1601.	1.1	73
122	Gene Expression Profiling as a Window into Idiopathic Pulmonary Fibrosis Pathogenesis: Can We Identify the Right Target Genes?. Proceedings of the American Thoracic Society, 2006, 3, 339-344.	3.5	71
123	Activation of Human Mesenchymal Stem Cells Impacts Their Therapeutic Abilities in Lung Injury by Increasing Interleukin (IL)-10 and IL-1RN Levels. Stem Cells Translational Medicine, 2013, 2, 884-895.	1.6	70
124	Small airways pathology in idiopathic pulmonary fibrosis: a retrospective cohort study. Lancet Respiratory Medicine,the, 2020, 8, 573-584.	5.2	70
125	The Idiopathic Pulmonary Fibrosis Cell Atlas. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L887-L892.	1.3	69
126	Gene correlation network analysis to identify regulatory factors in idiopathic pulmonary fibrosis. Thorax, 2019, 74, 132-140.	2.7	66

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127	Suppression of NLRX1 in chronic obstructive pulmonary disease. Journal of Clinical Investigation, 2015, 125, 2458-2462.	3.9	65
128	Rationale and Design of the Genomic Research in Alpha-1 Antitrypsin Deficiency and Sarcoidosis (GRADS) Study. Sarcoidosis Protocol. Annals of the American Thoracic Society, 2015, 12, 1561-1571.	1.5	64
129	VCAM-1 is a TGF-Î²1 inducible gene upregulated in idiopathic pulmonary fibrosis. Cellular Signalling, 2015, 27, 2467-2473.	1.7	64
130	Regulation of alveolar septation by microRNA-489. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L476-L487.	1.3	63
131	Identification and validation of differentially expressed transcripts by RNA-sequencing of formalin-fixed, paraffin-embedded (FFPE) lung tissue from patients with Idiopathic Pulmonary Fibrosis. BMC Pulmonary Medicine, 2017, 17, 15.	0.8	63
132	Molecular Staging of Epithelial Maturation Using Secretory Cellâ€"Specific Genes as Markers. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 340-348.	1.4	61
133	Zyxin Is a Transforming Growth Factor-Î² (TGF-Î²)/Smad3 Target Gene That Regulates Lung Cancer Cell Motility via Integrin Î±5Î²1. Journal of Biological Chemistry, 2012, 287, 31393-31405.	1.6	61
134	Integrin alpha 11 in the regulation of the myofibroblast phenotype: implications for fibrotic diseases. Experimental and Molecular Medicine, 2017, 49, e396-e396.	3.2	61
135	Reconstructing dynamic microRNA-regulated interaction networks. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15686-15691.	3.3	59
136	Precision Medicine: The New Frontier in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1213-1218.	2.5	59
137	Oral immunotherapy with type V collagen in idiopathic pulmonary fibrosis. European Respiratory Journal, 2015, 45, 1393-1402.	3.1	58
138	Comparison of normalization methods for CodeLink Bioarray data. BMC Bioinformatics, 2005, 6, 309.	1.2	57
139	High Throughput Determination of TGFÎ²1/SMAD3 Targets in A549 Lung Epithelial Cells. PLoS ONE, 2011, 6, e20319.	1.1	57
140	Single-Cell Transcriptional Archetypes of Airway Inflammation in Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1419-1429.	2.5	56
141	Systemic Inhibition of NF-Î°B Activation Protects from Silicosis. PLoS ONE, 2009, 4, e5689.	1.1	54
142	Type I interferon transcriptional network regulates expression of coinhibitory receptors in human T cells. Nature Immunology, 2022, 23, 632-642.	7.0	54
143	Sil overexpression in lung cancer characterizes tumors with increased mitotic activity. Oncogene, 2004, 23, 5371-5377.	2.6	53
144	Alignment and classification of time series gene expression in clinical studies. Bioinformatics, 2008, 24, i147-i155.	1.8	53

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145	Syndecan-2 Exerts Antifibrotic Effects by Promoting Caveolin-1â€“mediated Transforming Growth Factor-Î² Receptor I Internalization and Inhibiting Transforming Growth Factor-Î²1 Signaling. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 831-841.	2.5	52
146	Expression of RXFP1 Is Decreased in Idiopathic Pulmonary Fibrosis. Implications for Relaxin-based Therapies. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1392-1402.	2.5	52
147	Cartilage Oligomeric Matrix Protein in Idiopathic Pulmonary Fibrosis. PLoS ONE, 2013, 8, e83120.	1.1	52
148	FACS-Assisted Microarray Profiling Implicates Novel Genes and Pathways in Zebrafish Gastrointestinal Tract Development. Gastroenterology, 2009, 137, 1321-1332.	0.6	51
149	The HLA Class II Allele DRB1*1501 Is Over-Represented in Patients with Idiopathic Pulmonary Fibrosis. PLoS ONE, 2011, 6, e14715.	1.1	51
150	A Functional and Regulatory Map of Asthma. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 324-336.	1.4	50
151	Plexin C1 deficiency permits synaptotagmin 7â€“mediated macrophage migration and enhances mammalian lung fibrosis. FASEB Journal, 2016, 30, 4056-4070.	0.2	50
152	Genetic analyses identify GSDMB associated with asthma severity, exacerbations, and antiviral pathways. Journal of Allergy and Clinical Immunology, 2021, 147, 894-909.	1.5	50
153	Computation and visualization of cellâ€“cell signaling topologies in single-cell systems data using Connectome. Scientific Reports, 2022, 12, 4187.	1.6	50
154	Matrix Metalloproteinase-19 Promotes Metastatic Behavior<i>In Vitro</i>and Is Associated with Increased Mortality in Nonâ€“Small Cell Lung Cancer. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 780-790.	2.5	49
155	Alterations in Gene Expression and DNA Methylation during Murine and Human Lung Alveolar Septation. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 60-73.	1.4	49
156	SH2 Domainâ€“Containing Phosphatase-2 Is a Novel Antifibrotic Regulator in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 500-514.	2.5	49
157	Characteristics of lung cancer among patients with idiopathic pulmonary fibrosis and interstitial lung disease â€“ analysis of institutional and population data. Respiratory Research, 2018, 19, 195.	1.4	49
158	Impact of Transcriptomics on Our Understanding of Pulmonary Fibrosis. Frontiers in Medicine, 2018, 5, 87.	1.2	49
159	The Mitochondrial Cardiolipin Remodeling Enzyme Lysocardiolipin Acyltransferase Is a Novel Target in Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1402-1415.	2.5	47
160	Towards Systems Biology of Human Pulmonary Fibrosis. Proceedings of the American Thoracic Society, 2007, 4, 85-91.	3.5	46
161	The aging lung: tissue telomere shortening in health and disease. Respiratory Research, 2018, 19, 95.	1.4	46
162	The Influence of Radiographic Phenotype and Smoking Status on Peripheral Blood Biomarker Patterns in Chronic Obstructive Pulmonary Disease. PLoS ONE, 2009, 4, e6865.	1.1	45

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163	The pulmonary histopathologic manifestations of the anti-Jo-1 tRNA synthetase syndrome. Modern Pathology, 2010, 23, 874-880.	2.9	45
164	Effects of exercise training on quadriceps muscle gene expression in chronic obstructive pulmonary disease. Journal of Applied Physiology, 2007, 102, 1976-1984.	1.2	44
165	Gene expression profiles reveal molecular mechanisms involved in the progression and resolution of bleomycin-induced lung fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L593-L601.	1.3	44
166	Matrix metalloproteinase (MMP)-19-deficient fibroblasts display a profibrotic phenotype. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L511-L522.	1.3	43
167	Effects of Aerobic Training on Gene Expression in Skeletal Muscle of Elderly Men. Medicine and Science in Sports and Exercise, 2005, 37, 1680-1696.	0.2	42
168	Cytokine-Like Factor 1 Gene Expression Is Enriched in Idiopathic Pulmonary Fibrosis and Drives the Accumulation of CD4+ T Cells in Murine Lungs. American Journal of Pathology, 2012, 180, 1963-1978.	1.9	42
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