

Naftali Kaminski

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322
papers

27,815
citations

81
h-index

161
g-index

457
ext. papers

33,282
ext. citations

9
avg, IF

6.62
L-index

#	Paper	IF	Citations
322	The integrin alpha v beta 6 binds and activates latent TGF beta 1: a mechanism for regulating pulmonary inflammation and fibrosis. <i>Cell</i> , 1999 , 96, 319-28	56.2	1631
321	Gene-microarray analysis of multiple sclerosis lesions yields new targets validated in autoimmune encephalomyelitis. <i>Nature Medicine</i> , 2002 , 8, 500-8	50.5	1368
320	SARS-CoV-2 Receptor ACE2 Is an Interferon-Stimulated Gene in Human Airway Epithelial Cells and Is Detected in Specific Cell Subsets across Tissues. <i>Cell</i> , 2020 , 181, 1016-1035.e19	56.2	1326
319	Mesenchymal stem cell engraftment in lung is enhanced in response to bleomycin exposure and ameliorates its fibrotic effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 8407-11	11.5	1141
318	Acute exacerbations of idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 636-43	10.2	823
317	miR-21 mediates fibrogenic activation of pulmonary fibroblasts and lung fibrosis. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1589-97	16.6	715
316	Acute Exacerbation of Idiopathic Pulmonary Fibrosis. An International Working Group Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 265-75	10.2	653
315	Gene expression analysis reveals matrilysin as a key regulator of pulmonary fibrosis in mice and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 6292-7	11.5	506
314	Mesenchymal stem cells use extracellular vesicles to outsource mitophagy and shuttle microRNAs. <i>Nature Communications</i> , 2015 , 6, 8472	17.4	490
313	Genome-wide association study identifies multiple susceptibility loci for pulmonary fibrosis. <i>Nature Genetics</i> , 2013 , 45, 613-20	36.3	467
312	Loss of integrin alpha(v)beta6-mediated TGF-beta activation causes Mmp12-dependent emphysema. <i>Nature</i> , 2003 , 422, 169-73	50.4	408
311	Inhibition and role of let-7d in idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 220-9	10.2	395
310	TGF-beta is a critical mediator of acute lung injury. <i>Journal of Clinical Investigation</i> , 2001 , 107, 1537-44	15.9	374
309	MMP1 and MMP7 as potential peripheral blood biomarkers in idiopathic pulmonary fibrosis. <i>PLoS Medicine</i> , 2008 , 5, e93	11.6	368
308	Gene expression profiles distinguish idiopathic pulmonary fibrosis from hypersensitivity pneumonitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 188-98	10.2	351
307	Global analysis of gene expression in pulmonary fibrosis reveals distinct programs regulating lung inflammation and fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 1778-83	11.5	345
306	Genetic variants associated with idiopathic pulmonary fibrosis susceptibility and mortality: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2013 , 1, 309-317	35.1	341

305	Up-regulation and profibrotic role of osteopontin in human idiopathic pulmonary fibrosis. <i>PLoS Medicine</i> , 2005 , 2, e251	11.6	332
304	Caveolin-1: a critical regulator of lung fibrosis in idiopathic pulmonary fibrosis. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2895-906	16.6	317
303	From signatures to models: understanding cancer using microarrays. <i>Nature Genetics</i> , 2005 , 37 Suppl, S38-45	36.3	292
302	Association between the MUC5B promoter polymorphism and survival in patients with idiopathic pulmonary fibrosis. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 2232-9	27.4	286
301	DNA microarrays identification of primary and secondary target genes regulated by p53. <i>Oncogene</i> , 2001 , 20, 2225-34	9.2	282
300	Comprehensive gene expression profiles reveal pathways related to the pathogenesis of chronic obstructive pulmonary disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 14895-900	11.5	267
299	Peripheral blood proteins predict mortality in idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 67-76	10.2	262
298	Gene expression profiles of acute exacerbations of idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 167-75	10.2	252
297	Idiopathic pulmonary fibrosis: aberrant recapitulation of developmental programs?. <i>PLoS Medicine</i> , 2008 , 5, e62	11.6	248
296	MicroRNAs in idiopathic pulmonary fibrosis. <i>Translational Research</i> , 2011 , 157, 191-9	11	235
295	Human and porcine early kidney precursors as a new source for transplantation. <i>Nature Medicine</i> , 2003 , 9, 53-60	50.5	235
294	Features of mammalian microRNA promoters emerge from polymerase II chromatin immunoprecipitation data. <i>PLoS ONE</i> , 2009 , 4, e5279	3.7	225
293	Global expression profiling of fibroblast responses to transforming growth factor-beta1 reveals the induction of inhibitor of differentiation-1 and provides evidence of smooth muscle cell phenotypic switching. <i>American Journal of Pathology</i> , 2003 , 162, 533-46	5.8	221
292	Single-cell RNA-seq reveals ectopic and aberrant lung-resident cell populations in idiopathic pulmonary fibrosis. <i>Science Advances</i> , 2020 , 6, eaba1983	14.3	219
291	Peripheral blood mononuclear cell gene expression profiles identify emergent post-traumatic stress disorder among trauma survivors. <i>Molecular Psychiatry</i> , 2005 , 10, 500-13, 425	15.1	216
290	First-in-human trial of a STAT3 decoy oligonucleotide in head and neck tumors: implications for cancer therapy. <i>Cancer Discovery</i> , 2012 , 2, 694-705	24.4	214
289	Increased local expression of coagulation factor X contributes to the fibrotic response in human and murine lung injury. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2550-63	15.9	210
288	Accelerated variant of idiopathic pulmonary fibrosis: clinical behavior and gene expression pattern. <i>PLoS ONE</i> , 2007 , 2, e482	3.7	205

287	miR-199a-5p is upregulated during fibrogenic response to tissue injury and mediates TGFbeta-induced lung fibroblast activation by targeting caveolin-1. <i>PLoS Genetics</i> , 2013 , 9, e1003291	6	174
286	Peripheral blood mononuclear cell gene expression profiles predict poor outcome in idiopathic pulmonary fibrosis. <i>Science Translational Medicine</i> , 2013 , 5, 205ra136	17.5	170
285	WNT5A is a regulator of fibroblast proliferation and resistance to apoptosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 41, 583-9	5.7	170
284	A role for the receptor for advanced glycation end products in idiopathic pulmonary fibrosis. <i>American Journal of Pathology</i> , 2008 , 172, 583-91	5.8	167
283	MicroRNA mimicry blocks pulmonary fibrosis. <i>EMBO Molecular Medicine</i> , 2014 , 6, 1347-56	12	165
282	Future directions in idiopathic pulmonary fibrosis research. An NHLBI workshop report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 214-22	10.2	159
281	A variant in the promoter of MUC5B and idiopathic pulmonary fibrosis. <i>New England Journal of Medicine</i> , 2011 , 364, 1576-7	59.2	157
280	Thyroid hormone inhibits lung fibrosis in mice by improving epithelial mitochondrial function. <i>Nature Medicine</i> , 2018 , 24, 39-49	50.5	152
279	An R package suite for microarray meta-analysis in quality control, differentially expressed gene analysis and pathway enrichment detection. <i>Bioinformatics</i> , 2012 , 28, 2534-6	7.2	150
278	Global methylation patterns in idiopathic pulmonary fibrosis. <i>PLoS ONE</i> , 2012 , 7, e33770	3.7	148
277	Profibrotic role of miR-154 in pulmonary fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 47, 879-87	5.7	147
276	Interleukin-13 induces dramatically different transcriptional programs in three human airway cell types. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001 , 25, 474-85	5.7	143
275	Patients with idiopathic pulmonary fibrosis with antibodies to heat shock protein 70 have poor prognoses. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 768-75	10.2	135
274	Cellular and humoral autoreactivity in idiopathic pulmonary fibrosis. <i>Journal of Immunology</i> , 2007 , 179, 2592-9	5.3	135
273	Matrix metalloproteinase 3 is a mediator of pulmonary fibrosis. <i>American Journal of Pathology</i> , 2011 , 179, 1733-45	5.8	134
272	CD28 down-regulation on circulating CD4 T-cells is associated with poor prognoses of patients with idiopathic pulmonary fibrosis. <i>PLoS ONE</i> , 2010 , 5, e8959	3.7	134
271	Aging mesenchymal stem cells fail to protect because of impaired migration and antiinflammatory response. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 787-98	10.2	133
270	DNA microarray analysis of genes involved in p53 mediated apoptosis: activation of Apaf-1. <i>Oncogene</i> , 2001 , 20, 3449-55	9.2	130

269	Nrf2 amplifies oxidative stress via induction of Klf9. <i>Molecular Cell</i> , 2014 , 53, 916-928	17.6	129
268	Gene expression in relation to exhaled nitric oxide identifies novel asthma phenotypes with unique biomolecular pathways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 1363-72	10.2	127
267	Genomewide RNA expression profiling in lung identifies distinct signatures in idiopathic pulmonary arterial hypertension and secondary pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1235-48	5.2	127
266	Blood transcriptional signatures of multiple sclerosis: unique gene expression of disease activity. <i>Annals of Neurology</i> , 2004 , 55, 410-7	9.4	121
265	Multiple imprinted and stemness genes provide a link between normal and tumor progenitor cells of the developing human kidney. <i>Cancer Research</i> , 2006 , 66, 6040-9	10.1	120
264	Chromosomal aberrations and gene expression profiles in non-small cell lung cancer. <i>Lung Cancer</i> , 2007 , 56, 175-84	5.9	114
263	Tocilizumab Treatment for Cytokine Release Syndrome in Hospitalized Patients With Coronavirus Disease 2019: Survival and Clinical Outcomes. <i>Chest</i> , 2020 , 158, 1397-1408	5.3	112
262	Palliative care and location of death in decedents with idiopathic pulmonary fibrosis. <i>Chest</i> , 2015 , 147, 423-429	5.3	111
261	Collagen-producing lung cell atlas identifies multiple subsets with distinct localization and relevance to fibrosis. <i>Nature Communications</i> , 2020 , 11, 1920	17.4	111
260	PD-1 up-regulation on CD4 T cells promotes pulmonary fibrosis through STAT3-mediated IL-17A and TGF- β production. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	109
259	Relationship of DNA methylation and gene expression in idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 1263-72	10.2	106
258	A novel genomic signature with translational significance for human idiopathic pulmonary fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 52, 217-31	5.7	105
257	C-X-C motif chemokine 13 (CXCL13) is a prognostic biomarker of idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 966-74	10.2	105
256	Oxidative stress alters syndecan-1 distribution in lungs with pulmonary fibrosis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 3537-45	5.4	104
255	LungMAP: The Molecular Atlas of Lung Development Program. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L733-L740	5.8	103
254	Serum lysyl oxidase-like 2 levels and idiopathic pulmonary fibrosis disease progression. <i>European Respiratory Journal</i> , 2014 , 43, 1430-8	13.6	103
253	Transgelin is a direct target of TGF-beta/Smad3-dependent epithelial cell migration in lung fibrosis. <i>FASEB Journal</i> , 2008 , 22, 1778-89	0.9	102
252	Plasma B lymphocyte stimulator and B cell differentiation in idiopathic pulmonary fibrosis patients. <i>Journal of Immunology</i> , 2013 , 191, 2089-95	5.3	100

251	The Human Lung Cell Atlas: A High-Resolution Reference Map of the Human Lung in Health and Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 61, 31-41	5.7	98
250	Extracellular Mitochondrial DNA Is Generated by Fibroblasts and Predicts Death in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1571-1581	10.2	94
249	Characterization and peripheral blood biomarker assessment of anti-Jo-1 antibody-positive interstitial lung disease. <i>Arthritis and Rheumatism</i> , 2009 , 60, 2183-92		93
248	Microbes Are Associated with Host Innate Immune Response in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 208-219	10.2	89
247	Autoimmunity gene expression portrait: specific signature that intersects or differentiates between multiple sclerosis and systemic lupus erythematosus. <i>Clinical and Experimental Immunology</i> , 2004 , 138, 164-70	6.2	88
246	Gene Expression Correlated with Severe Asthma Characteristics Reveals Heterogeneous Mechanisms of Severe Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1449-1463	10.2	87
245	Gene expression profiling of target genes in ventilator-induced lung injury. <i>Physiological Genomics</i> , 2006 , 26, 68-75	3.6	84
244	Aging Impairs Alveolar Macrophage Phagocytosis and Increases Influenza-Induced Mortality in Mice. <i>Journal of Immunology</i> , 2017 , 199, 1060-1068	5.3	83
243	An airway epithelial iNOS-DUOX2-thyroid peroxidase metabolome drives Th1/Th2 nitrative stress in human severe asthma. <i>Mucosal Immunology</i> , 2014 , 7, 1175-85	9.2	83
242	Biomarkers in idiopathic pulmonary fibrosis. <i>Current Opinion in Pulmonary Medicine</i> , 2012 , 18, 441-6	3	81
241	Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 564-574	10.2	81
240	Wnt coreceptor Lrp5 is a driver of idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 185-95	10.2	80
239	Approaching the degradome in idiopathic pulmonary fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 1141-55	5.6	77
238	Single-cell connectomic analysis of adult mammalian lungs. <i>Science Advances</i> , 2019 , 5, eaaw3851	14.3	77
237	Time for a change: is idiopathic pulmonary fibrosis still idiopathic and only fibrotic?. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 154-160	35.1	76
236	Practical approaches to analyzing results of microarray experiments. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002 , 27, 125-32	5.7	76
235	Comparative analysis of algorithms for signal quantitation from oligonucleotide microarrays. <i>Bioinformatics</i> , 2004 , 20, 839-46	7.2	75
234	Integrated Genomics Reveals Convergent Transcriptomic Networks Underlying Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 948-960	10.2	73

233	Increased monocyte count as a cellular biomarker for poor outcomes in fibrotic diseases: a retrospective, multicentre cohort study. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 497-508	35.1	72
232	An HDAC9-MALAT1-BRG1 complex mediates smooth muscle dysfunction in thoracic aortic aneurysm. <i>Nature Communications</i> , 2018 , 9, 1009	17.4	72
231	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. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 977-990	12.7	72
230	Blockade of the programmed death-1 pathway restores sarcoidosis CD4(+) T-cell proliferative capacity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 560-71	10.2	71
229	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. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2010 , 39, 304-13	2.6	70
228	Let-7d microRNA affects mesenchymal phenotypic properties of lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 306, L534-42	5.8	69
227	COVID-19 vulnerability: the potential impact of genetic susceptibility and airborne transmission. <i>Human Genomics</i> , 2020 , 14, 17	6.8	68
226	The isolation and characterization of renal cancer initiating cells from human Wilms tumour xenografts unveils new therapeutic targets. <i>EMBO Molecular Medicine</i> , 2013 , 5, 18-37	12	68
225	Mitogen-activated protein kinases regulate susceptibility to ventilator-induced lung injury. <i>PLoS ONE</i> , 2008 , 3, e1601	3.7	67
224	Matrix metalloproteinase-19 is a key regulator of lung fibrosis in mice and humans. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 752-62	10.2	66
223	Gene expression profiling as a window into idiopathic pulmonary fibrosis pathogenesis: can we identify the right target genes?. <i>Proceedings of the American Thoracic Society</i> , 2006 , 3, 339-44		65
222	Clara cells attenuate the inflammatory response through regulation of macrophage behavior. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010 , 42, 161-71	5.7	63
221	eQTL of bronchial epithelial cells and bronchial alveolar lavage deciphers GWAS-identified asthma genes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 1309-18	9.3	62
220	Reconstructed Single-Cell Fate Trajectories Define Lineage Plasticity Windows during Differentiation of Human PSC-Derived Distal Lung Progenitors. <i>Cell Stem Cell</i> , 2020 , 26, 593-608.e8	18	61
219	Missing value imputation in high-dimensional phenomic data: imputable or not, and how?. <i>BMC Bioinformatics</i> , 2014 , 15, 346	3.6	60
218	BAL Cell Gene Expression Is Indicative of Outcome and Airway Basal Cell Involvement in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 622-630	10.2	59
217	Validation of a 52-gene risk profile for outcome prediction in patients with idiopathic pulmonary fibrosis: an international, multicentre, cohort study. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 857-868	35.1	59
216	Strategic plan for lung vascular research: An NHLBI-ORDR Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 1554-62	10.2	59

215	Reduced development of COVID-19 in children reveals molecular checkpoints gating pathogenesis illuminating potential therapeutics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 24620-24626	11.5	59
214	MetaQC: objective quality control and inclusion/exclusion criteria for genomic meta-analysis. <i>Nucleic Acids Research</i> , 2012 , 40, e15	20.1	58
213	Expression of SARS-CoV-2 receptor ACE2 and coincident host response signature varies by asthma inflammatory phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 315-324.e7	11.5	57
212	Oral antimycobacterial therapy in chronic cutaneous sarcoidosis: a randomized, single-masked, placebo-controlled study. <i>JAMA Dermatology</i> , 2013 , 149, 1040-9	5.1	56
211	Activation of human mesenchymal stem cells impacts their therapeutic abilities in lung injury by increasing interleukin (IL)-10 and IL-1RN levels. <i>Stem Cells Translational Medicine</i> , 2013 , 2, 884-95	6.9	56
210	Reconstructing dynamic microRNA-regulated interaction networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 15686-91	11.5	56
209	Epigenetics in idiopathic pulmonary fibrosis. <i>Biochemistry and Cell Biology</i> , 2015 , 93, 159-70	3.6	55
208	Regulation of alveolar septation by microRNA-489. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L476-87	5.8	55
207	Validation of the prognostic value of MMP-7 in idiopathic pulmonary fibrosis. <i>Respirology</i> , 2017 , 22, 486-493	4.3	54
206	Genome-wide imputation study identifies novel HLA locus for pulmonary fibrosis and potential role for auto-immunity in fibrotic idiopathic interstitial pneumonia. <i>BMC Genetics</i> , 2016 , 17, 74	2.6	54
205	FK506-Binding Protein 10, a Potential Novel Drug Target for Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 455-67	10.2	53
204	Transcriptional regulatory model of fibrosis progression in the human lung. <i>JCI Insight</i> , 2019 , 4,	9.9	52
203	Molecular staging of epithelial maturation using secretory cell-specific genes as markers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 40, 340-8	5.7	51
202	Comparison of normalization methods for CodeLink Bioarray data. <i>BMC Bioinformatics</i> , 2005 , 6, 309	3.6	51
201	Reducing protein oxidation reverses lung fibrosis. <i>Nature Medicine</i> , 2018 , 24, 1128-1135	50.5	50
200	Integrative phenotyping framework (iPF): integrative clustering of multiple omics data identifies novel lung disease subphenotypes. <i>BMC Genomics</i> , 2015 , 16, 924	4.5	50
199	Suppression of NLRX1 in chronic obstructive pulmonary disease. <i>Journal of Clinical Investigation</i> , 2015 , 125, 2458-62	15.9	50
198	Immune dysregulation and autoreactivity correlate with disease severity in SARS-CoV-2-associated multisystem inflammatory syndrome in children. <i>Immunity</i> , 2021 , 54, 1083-1095.e7	32.3	50

197	Zyxin is a transforming growth factor- β /Smad3 target gene that regulates lung cancer cell motility via integrin β 1. <i>Journal of Biological Chemistry</i> , 2012 , 287, 31393-405	5.4	49
196	High throughput determination of TGF β /SMAD3 targets in A549 lung epithelial cells. <i>PLoS ONE</i> , 2011 , 6, e20319	3.7	48
195	Precision Medicine: The New Frontier in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 1213-8	10.2	47
194	Systemic inhibition of NF-kappaB activation protects from silicosis. <i>PLoS ONE</i> , 2009 , 4, e5689	3.7	47
193	Oral immunotherapy with type V collagen in idiopathic pulmonary fibrosis. <i>European Respiratory Journal</i> , 2015 , 45, 1393-402	13.6	46
192	FACS-assisted microarray profiling implicates novel genes and pathways in zebrafish gastrointestinal tract development. <i>Gastroenterology</i> , 2009 , 137, 1321-32	13.3	46
191	Sil overexpression in lung cancer characterizes tumors with increased mitotic activity. <i>Oncogene</i> , 2004 , 23, 5371-7	9.2	44
190	A functional and regulatory map of asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 38, 324-36	5.7	43
189	Towards systems biology of human pulmonary fibrosis. <i>Proceedings of the American Thoracic Society</i> , 2007 , 4, 85-91		43
188	Rationale and Design of the Genomic Research in Alpha-1 Antitrypsin Deficiency and Sarcoidosis (GRADS) Study. <i>Sarcoidosis Protocol. Annals of the American Thoracic Society</i> , 2015 , 12, 1561-71	4.7	42
187	Alignment and classification of time series gene expression in clinical studies. <i>Bioinformatics</i> , 2008 , 24, i147-55	7.2	42
186	Alterations in gene expression and DNA methylation during murine and human lung alveolar septation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 60-73	5.7	41
185	Syndecan-2 exerts antifibrotic effects by promoting caveolin-1-mediated transforming growth factor- β receptor I internalization and inhibiting transforming growth factor- β signaling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 831-41	10.2	40
184	The HLA class II Allele DRB1*1501 is over-represented in patients with idiopathic pulmonary fibrosis. <i>PLoS ONE</i> , 2011 , 6, e14715	3.7	39
183	Identification and validation of differentially expressed transcripts by RNA-sequencing of formalin-fixed, paraffin-embedded (FFPE) lung tissue from patients with Idiopathic Pulmonary Fibrosis. <i>BMC Pulmonary Medicine</i> , 2017 , 17, 15	3.5	38
182	Matrix metalloproteinase-19 promotes metastatic behavior in vitro and is associated with increased mortality in non-small cell lung cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 780-90	10.2	38
181	The influence of radiographic phenotype and smoking status on peripheral blood biomarker patterns in chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2009 , 4, e6865	3.7	38
180	SH2 Domain-Containing Phosphatase-2 Is a Novel Antifibrotic Regulator in Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 500-514	10.2	37

179	Regression of Kaposi's sarcoma after intravenous immunoglobulin treatment for polymyositis. <i>Cancer</i> , 1994 , 73, 2859-61	6.4	37
178	The pulmonary histopathologic manifestations of the anti-Jo-1 tRNA synthetase syndrome. <i>Modern Pathology</i> , 2010 , 23, 874-80	9.8	36
177	Haplotype association mapping of acute lung injury in mice implicates activin a receptor, type 1. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1499-509	10.2	36
176	Overexpression of a set of genes, including WISP-1, common to pulmonary metastases of both mouse D122 Lewis lung carcinoma and B16-F10.9 melanoma cell lines. <i>British Journal of Cancer</i> , 2003 , 89, 314-9	8.7	36
175	Plexin C1 deficiency permits synaptotagmin 7-mediated macrophage migration and enhances mammalian lung fibrosis. <i>FASEB Journal</i> , 2016 , 30, 4056-4070	0.9	35
174	Expression of RXFP1 Is Decreased in Idiopathic Pulmonary Fibrosis. Implications for Relaxin-based Therapies. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 1392-1402	10.2	35
173	Effects of aerobic training on gene expression in skeletal muscle of elderly men. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 1680-96	1.2	35
172	Gene correlation network analysis to identify regulatory factors in idiopathic pulmonary fibrosis. <i>Thorax</i> , 2019 , 74, 132-140	7.3	35
171	Effects of exercise training on quadriceps muscle gene expression in chronic obstructive pulmonary disease. <i>Journal of Applied Physiology</i> , 2007 , 102, 1976-84	3.7	34
170	VCAM-1 is a TGF- β inducible gene upregulated in idiopathic pulmonary fibrosis. <i>Cellular Signalling</i> , 2015 , 27, 2467-73	4.9	33
169	Integrin alpha 11 in the regulation of the myofibroblast phenotype: implications for fibrotic diseases. <i>Experimental and Molecular Medicine</i> , 2017 , 49, e396	12.8	33
168	Targeting of Both the c-Met and EGFR Pathways Results in Additive Inhibition of Lung Tumorigenesis in Transgenic Mice. <i>Cancers</i> , 2010 , 2, 2153-70	6.6	33
167	Allele-specific transactivation of matrix metalloproteinase 7 by FOXA2 and correlation with plasma levels in idiopathic pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 302, L746-54	5.8	33
166	Cartilage oligomeric matrix protein in idiopathic pulmonary fibrosis. <i>PLoS ONE</i> , 2013 , 8, e83120	3.7	33
165	Cytokine-like factor 1 gene expression is enriched in idiopathic pulmonary fibrosis and drives the accumulation of CD4+ T cells in murine lungs: evidence for an antifibrotic role in bleomycin injury. <i>American Journal of Pathology</i> , 2012 , 180, 1963-78	5.8	32
164	Gene expression profiles reveal molecular mechanisms involved in the progression and resolution of bleomycin-induced lung fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 304, L593-601	5.8	32
163	Novel modeling of combinatorial miRNA targeting identifies SNP with potential role in bone density. <i>PLoS Computational Biology</i> , 2012 , 8, e1002830	5	32
162	Small airways pathology in idiopathic pulmonary fibrosis: a retrospective cohort study. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 573-584	35.1	31

161	The mitochondrial cardiolipin remodeling enzyme lysocardiolipin acyltransferase is a novel target in pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 1402-15	10.2	31
160	Lessons from our patients: development of a warm autopsy program. <i>PLoS Medicine</i> , 2006 , 3, e234	11.6	31
159	Matrix metalloproteinase (MMP)-19-deficient fibroblasts display a profibrotic phenotype. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 308, L511-22	5.8	30
158	Gene expression profiling of in vivo UVB-irradiated human epidermis. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2004 , 20, 129-37	2.4	30
157	Single Cell RNA-seq reveals ectopic and aberrant lung resident cell populations in Idiopathic Pulmonary Fibrosis		30
156	Modified mesenchymal stem cells using miRNA transduction alter lung injury in a bleomycin model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L92-L103	5.8	29
155	Fibrosis: Lessons from OMICS analyses of the human lung. <i>Matrix Biology</i> , 2018 , 68-69, 422-434	11.4	29
154	The aging lung: tissue telomere shortening in health and disease. <i>Respiratory Research</i> , 2018 , 19, 95	7.3	28
153	Network analysis of temporal effects of intermittent and sustained hypoxia on rat lungs. <i>Physiological Genomics</i> , 2008 , 36, 24-34	3.6	28
152	Microarray analysis of idiopathic pulmonary fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003 , 29, S32-6	5.7	28
151	Impact of Transcriptomics on Our Understanding of Pulmonary Fibrosis. <i>Frontiers in Medicine</i> , 2018 , 5, 87	4.9	27
150	A functional genomic model for predicting prognosis in idiopathic pulmonary fibrosis. <i>BMC Pulmonary Medicine</i> , 2015 , 15, 147	3.5	27
149	Integrative assessment of chlorine-induced acute lung injury in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 47, 234-44	5.7	27
148	Abnormal vascular phenotypes in patients with idiopathic pulmonary fibrosis and secondary pulmonary hypertension. <i>Chest</i> , 2005 , 128, 601S	5.3	27
147	Enhancing Autophagy with Drugs or Lung-directed Gene Therapy Reverses the Pathological Effects of Respiratory Epithelial Cell Proteinopathy. <i>Journal of Biological Chemistry</i> , 2015 , 290, 29742-57	5.4	26
146	Retinoic acid-related orphan receptor- β s induced in the setting of DNA damage and promotes pulmonary emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 412-9	10.2	26
145	Pedigreed primate embryonic stem cells express homogeneous familial gene profiles. <i>Stem Cells</i> , 2007 , 25, 2695-2704	5.8	26
144	Serum Matrix Metalloproteinase-7, Respiratory Symptoms, and Mortality in Community-Dwelling Adults. MESA (Multi-Ethnic Study of Atherosclerosis). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1311-1317	10.2	25

143	Reconstructing differentiation networks and their regulation from time series single-cell expression data. <i>Genome Research</i> , 2018 ,	9.7	25
142	<i>Pneumocystis jirovecii</i> colonization is associated with enhanced Th1 inflammatory gene expression in lungs of humans with chronic obstructive pulmonary disease. <i>Microbiology and Immunology</i> , 2014 , 58, 202-11	2.7	24
141	Lung Endothelial MicroRNA-1 Regulates Tumor Growth and Angiogenesis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1443-1455	10.2	23
140	Bioinformatics. A user's perspective. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000 , 23, 705-11	5.7	23
139	Single-Cell Omics Reveals Dyssynchrony of the Innate and Adaptive Immune System in Progressive COVID-19		23
138	Characteristics of lung cancer among patients with idiopathic pulmonary fibrosis and interstitial lung disease - analysis of institutional and population data. <i>Respiratory Research</i> , 2018 , 19, 195	7.3	23
137	Hypercapnia increases airway smooth muscle contractility via caspase-7-mediated miR-133a-RhoA signaling. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	23
136	Assessment of microRNA differential expression and detection in multiplexed small RNA sequencing data. <i>Rna</i> , 2015 , 21, 164-71	5.8	22
135	Mouse conjunctival forniceal gene expression during postnatal development and its regulation by Kruppel-like factor 4 2011 , 52, 4951-62		22
134	Evolving genomic approaches to idiopathic pulmonary fibrosis: moving beyond genes. <i>Clinical and Translational Science</i> , 2011 , 4, 372-9	4.9	22
133	Ha-ras(val12) induces HSP70b transcription via the HSE/HSF1 system, but HSP70b expression is suppressed in Ha-ras(val12)-transformed cells. <i>Oncogene</i> , 2006 , 25, 1485-95	9.2	22
132	Integrated Single-Cell Atlas of Endothelial Cells of the Human Lung. <i>Circulation</i> , 2021 , 144, 286-302	16.7	22
131	Genomic differences distinguish the myofibroblast phenotype of distal lung fibroblasts from airway fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 45, 1256-62	5.7	21
130	BAL Cell Gene Expression in Severe Asthma Reveals Mechanisms of Severe Disease and Influences of Medications. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 837-856	10.2	20
129	Extreme Trait Whole-Genome Sequencing Identifies PTPRO as a Novel Candidate Gene in Emphysema with Severe Airflow Obstruction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 159-171	10.2	19
128	Application of "Omics" and Systems Biology to Sarcoidosis Research. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S445-S451	4.7	19
127	A role for telomere length and chromosomal damage in idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2018 , 19, 132	7.3	19
126	Personalized medicine: applying Omics to lung fibrosis. <i>Biomarkers in Medicine</i> , 2012 , 6, 529-40	2.3	19

125	Expression of regulatory platelet microRNAs in patients with sickle cell disease. <i>PLoS ONE</i> , 2013 , 8, e60937	3.7	19
124	Carbon monoxide modulates alpha-smooth muscle actin and small proline rich-1a expression in fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 41, 85-92	5.7	19
123	Cross talk between Id1 and its interactive protein Dril1 mediate fibroblast responses to transforming growth factor-beta in pulmonary fibrosis. <i>American Journal of Pathology</i> , 2008 , 173, 337-46	5.8	19
122	iDREM: Interactive visualization of dynamic regulatory networks. <i>PLoS Computational Biology</i> , 2018 , 14, e1006019	5	18
121	Transcriptome profiles in sarcoidosis and their potential role in disease prediction. <i>Current Opinion in Pulmonary Medicine</i> , 2017 , 23, 487-492	3	17
120	Platform Effects on Regeneration by Pulmonary Basal Cells as Evaluated by Single-Cell RNA Sequencing. <i>Cell Reports</i> , 2020 , 30, 4250-4265.e6	10.6	17
119	Bidirectional elastic image registration using B-spline affine transformation. <i>Computerized Medical Imaging and Graphics</i> , 2014 , 38, 306-14	7.6	17
118	Integrative metabolome and transcriptome profiling reveals discordant energetic stress between mouse strains with differential sensitivity to acrolein-induced acute lung injury. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1423-34	5.9	17
117	Selecting the most appropriate time points to profile in high-throughput studies. <i>ELife</i> , 2017 , 6,	8.9	17
116	The DNA repair transcriptome in severe COPD. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	17
115	Single-Cell Transcriptional Archetypes of Airway Inflammation in Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1419-1429	10.2	16
114	Assessment of lung volume collapsibility in chronic obstructive lung disease patients using CT. <i>European Radiology</i> , 2013 , 23, 1564-72	8	16
113	Analysis of microarray experiments for pulmonary fibrosis. <i>Methods in Molecular Medicine</i> , 2005 , 117, 333-58		16
112	Loss of Twist1 in the Mesenchymal Compartment Promotes Increased Fibrosis in Experimental Lung Injury by Enhanced Expression of CXCL12. <i>Journal of Immunology</i> , 2017 , 198, 2269-2285	5.3	15
111	Expression of asthma susceptibility genes in bronchial epithelial cells and bronchial alveolar lavage in the Severe Asthma Research Program (SARP) cohort. <i>Journal of Asthma</i> , 2016 , 53, 775-82	1.9	15
110	Functional genomic assessment of phosgene-induced acute lung injury in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 49, 368-83	5.7	15
109	Genetic analyses identify GSDMB associated with asthma severity, exacerbations, and antiviral pathways. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 894-909	11.5	15
108	Right atrial pressure/pulmonary artery wedge pressure ratio: A more specific predictor of survival in pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 760-7	5.8	14

107	Micromanaging microRNAs: using murine models to study microRNAs in lung fibrosis. <i>Drug Discovery Today: Disease Models</i> , 2013 , 10, e145-e151	1.3	14
106	Chronic lung diseases. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2009 , 1, 298-308	6.6	14
105	When it comes to genes--IPF or NSIP, familial or sporadic--they're all the same. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 5-6	10.2	14
104	Primary tumours of the duodenum. <i>Postgraduate Medical Journal</i> , 1993 , 69, 136-8	2	14
103	Secreted phosphoprotein 1 is a determinant of lung function development in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 51, 637-51	5.7	13
102	Local and Systemic CD4 T Cell Exhaustion Reverses with Clinical Resolution of Pulmonary Sarcoidosis. <i>Journal of Immunology Research</i> , 2017 , 2017, 3642832	4.5	13
101	Gene expression patterns, prognostic and diagnostic markers, and lung cancer biology. <i>Chest</i> , 2004 , 125, 111S-5S	5.3	13
100	Single-cell multi-omics reveals dyssynchrony of the innate and adaptive immune system in progressive COVID-19.. <i>Nature Communications</i> , 2022 , 13, 440	17.4	13
99	Elevated CO regulates the Wnt signaling pathway in mammals, <i>Drosophila melanogaster</i> and <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2019 , 9, 18251	4.9	13
98	Functional genomics of chlorine-induced acute lung injury in mice. <i>Proceedings of the American Thoracic Society</i> , 2010 , 7, 294-6		12
97	Finding subtypes of transcription factor motif pairs with distinct regulatory roles. <i>Nucleic Acids Research</i> , 2011 , 39, e76	20.1	12
96	Comprehensive analysis of gene expression on GOLD-2 Versus GOLD-0 smokers reveals novel genes important in the pathogenesis of COPD. <i>Proceedings of the American Thoracic Society</i> , 2006 , 3, 466		12
95	Integrating multiomics longitudinal data to reconstruct networks underlying lung development. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 317, L556-L568	5.8	11
94	A patient-gene model for temporal expression profiles in clinical studies. <i>Journal of Computational Biology</i> , 2007 , 14, 324-38	1.7	11
93	Open-access biorepository for idiopathic pulmonary fibrosis. The way forward. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 1171-5	4.7	10
92	Cutting Edge: Distinct B Cell Repertoires Characterize Patients with Mild and Severe COVID-19. <i>Journal of Immunology</i> , 2021 ,	5.3	10
91	Chronic lung diseases are associated with gene expression programs favoring SARS-CoV-2 entry and severity. <i>Nature Communications</i> , 2021 , 12, 4314	17.4	10
90	BPIFA1 regulates lung neutrophil recruitment and interferon signaling during acute inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 316, L321-L333	5.8	10

89	Macrophage-derived netrin-1 drives adrenergic nerve-associated lung fibrosis. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	10
88	Post-infectious inflammatory disease in MIS-C features elevated cytotoxicity signatures and autoreactivity that correlates with severity 2021 ,		9
87	Connectome: computation and visualization of cell-cell signaling topologies in single-cell systems data		9
86	Effects of perfusion pressure and renal flow upon albumin excretion in isolated perfused kidneys. <i>Nephron</i> , 1990 , 56, 396-8	3.3	8
85	Sialylation of MUC4N-glycans by ST6GAL1 orchestrates human airway epithelial cell differentiation associated with type-2 inflammation. <i>JCI Insight</i> , 2019 , 4,	9.9	8
84	T-ReCS: stable selection of dynamically formed groups of features with application to prediction of clinical outcomes. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2015 , 431-42	1.3	8
83	Assessing Patterns of Palliative Care Referral and Location of Death in Patients with Idiopathic Pulmonary Fibrosis: A Sixteen-Year Single-Center Retrospective Cohort Study. <i>Journal of Palliative Medicine</i> , 2019 , 22, 538-544	2.2	8
82	Sprouty 2 gene in mouse lung tumorigenesis. <i>Chest</i> , 2004 , 125, 111S	5.3	7
81	Acute bacterial diarrhoea in the emergency room: therapeutic implications of stool culture results. <i>Emergency Medicine Journal</i> , 1994 , 11, 168-71	1.5	7
80	Characterization of the COPD alveolar niche using single-cell RNA sequencing.. <i>Nature Communications</i> , 2022 , 13, 494	17.4	7
79	Assessment of viral RNA in idiopathic pulmonary fibrosis using RNA-seq. <i>BMC Pulmonary Medicine</i> , 2020 , 20, 81	3.5	7
78	MicroRNA miR-24-3p reduces DNA damage responses, apoptosis, and susceptibility to chronic obstructive pulmonary disease. <i>JCI Insight</i> , 2021 , 6,	9.9	7
77	Blood Transcriptomics Predicts Progression of Pulmonary Fibrosis and Associated Natural Killer Cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 197-208	10.2	7
76	Addressing Gender Inequality in Our Disciplines: Report from the Association of Pulmonary, Critical Care, and Sleep Division Chiefs. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 1382-1390	4.7	7
75	Type I interferon transcriptional network regulates expression of coinhibitory receptors in human T cells.. <i>Nature Immunology</i> , 2022 ,	19.1	7
74	Role of dual-specificity protein phosphatase DUSP10/MKP-5 in pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 317, L678-L689	5.8	6
73	Rationale and Design of the Genomic Research in Alpha-1 Antitrypsin Deficiency and Sarcoidosis Study. Alpha-1 Protocol. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 1551-60	4.7	6
72	S100A12 as a marker of worse cardiac output and mortality in pulmonary hypertension. <i>Respirology</i> , 2018 , 23, 771-779	3.6	6

71	Leadership Primer for Current and Aspiring Pulmonary, Critical Care, and Sleep Medicine Academic Division Chiefs. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 655-661	4.7	6
70	A Dirichlet process mixture model for clustering longitudinal gene expression data. <i>Statistics in Medicine</i> , 2017 , 36, 3495-3506	2.3	6
69	Plasma proteins for risk prediction in idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 1329-30	10.2	6
68	Fibroblasts positive for meflin have anti-fibrotic property in pulmonary fibrosis. <i>European Respiratory Journal</i> , 2021 ,	13.6	6
67	Leading Change and Negotiation Strategies for Division Leaders in Clinical Medicine. <i>Chest</i> , 2019 , 156, 1246-1253	5.3	5
66	Have advanced research technologies made real impact on respiratory medicine?. <i>Respirology</i> , 2010 , 15, 876-80	3.6	5
65	Module-based prediction approach for robust inter-study predictions in microarray data. <i>Bioinformatics</i> , 2010 , 26, 2586-93	7.2	5
64	Increase in p21 expression independent of the p53 pathway in bleomycin-induced lung fibrosis. <i>Experimental and Molecular Pathology</i> , 2004 , 77, 231-7	4.4	5
63	Airway Basal Cells show a dedifferentiated KRT17highPhenotype and promote Fibrosis in Idiopathic Pulmonary Fibrosis		5
62	Type I Interferon Transcriptional Network Regulates Expression of Coinhibitory Receptors in Human T cells 2020 ,		5
61	An allosteric site on MKP5 reveals a strategy for small-molecule inhibition. <i>Science Signaling</i> , 2020 , 13,	8.8	5
60	High-Throughput Sequencing in Respiratory, Critical Care, and Sleep Medicine Research. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 1-16	4.7	5
59	Single Cell RNA-seq and Mass Cytometry Reveals a Novel and a Targetable Population of Macrophages in Idiopathic Pulmonary Fibrosis		5
58	Use of oligonucleotide microarrays to analyze gene expression patterns in pulmonary fibrosis reveals distinct patterns of gene expression in mice and humans. <i>Chest</i> , 2002 , 121, 31S-32S	5.3	5
57	Gene expression studies in lung development and lung stem cell biology. <i>Current Topics in Developmental Biology</i> , 2004 , 64, 57-71	5.3	4
56	Can blood gene expression predict which patients with multiple sclerosis will respond to interferon?. <i>PLoS Medicine</i> , 2005 , 2, e33; quiz e51	11.6	4
55	Integrated Single Cell Atlas of Endothelial Cells of the Human Lung		4
54	Regularized Latent Class Model for Joint Analysis of High-Dimensional Longitudinal Biomarkers and a Time-to-Event Outcome. <i>Biometrics</i> , 2019 , 75, 69-77	1.8	4

53	Elevated plasma level of Pentraxin 3 is associated with emphysema and mortality in smokers. <i>Thorax</i> , 2021 , 76, 335-342	7.3	4
52	Retrograde signaling by a mtDNA-encoded non-coding RNA preserves mitochondrial bioenergetics. <i>Communications Biology</i> , 2020 , 3, 626	6.7	3
51	WNT5a in Extracellular Vesicles - A New Frontier for Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 ,	10.2	3
50	Plasma mitochondrial DNA is associated with extrapulmonary sarcoidosis. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	3
49	Update in diffuse parenchymal lung disease, 2013. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 270-4	10.2	3
48	Pluripotency genes overexpressed in primate embryonic stem cells are localized on homologues of human chromosomes 16, 17, 19, and X. <i>Stem Cell Research</i> , 2010 , 4, 25-37	1.6	3
47	Use of oligonucleotide arrays to analyze drug toxicity. <i>Annals of the New York Academy of Sciences</i> , 2000 , 919, 1-8	6.5	3
46	The mechanisms of idiopathic pulmonary fibrosis: can we see the elephant?. <i>Drug Discovery Today Disease Mechanisms</i> , 2004 , 1, 117-122		3
45	Cathepsin B promotes collagen biosynthesis, which drives bronchiolitis obliterans syndrome. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	3
44	Single-cell RNA sequencing identifies aberrant transcriptional profiles of cellular populations and altered alveolar niche signalling networks in Chronic Obstructive Pulmonary Disease (COPD)		3
43	Spatial distribution of marker gene activity in the mouse lung during alveolarization. <i>Data in Brief</i> , 2019 , 22, 365-372	1.2	3
42	Perspectives on Burnout from Pulmonary, Critical Care, and Sleep Medicine Division Directors. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 111-114	10.2	3
41	Mitochondrial antiviral signaling protein is crucial for the development of pulmonary fibrosis. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	3
40	Gene coexpression networks reveal novel molecular endotypes in alpha-1 antitrypsin deficiency. <i>Thorax</i> , 2021 , 76, 134-143	7.3	3
39	Post-GWAS Prioritization Through Data Integration Provides Novel Insights on Chronic Obstructive Pulmonary Disease. <i>Statistics in Biosciences</i> , 2016 , 2016, 1-17	1.5	2
38	Toward Precision Medicine of Symptom Control in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 147-148	10.2	2
37	Reply: the bleomycin model: in pursuit of relevant biomarkers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 748-9	5.7	2
36	CMH-Small Molecule Docks into SIRT1, Elicits Human IPF-Lung Fibroblast Cell Death, Inhibits Ku70-deacetylation, FLIP and Experimental Pulmonary Fibrosis. <i>Biomolecules</i> , 2020 , 10,	5.9	2

35	Response. <i>Chest</i> , 2015 , 148, e57-e58	5.3	2
34	Malignancy in lung transplantation: biomarkers, gender differences, and consideration of a systems biology approach. <i>Transplantation</i> , 2008 , 85, S69-71	1.8	2
33	Transcriptional profiling of non-small cell lung cancer using oligonucleotide microarrays. <i>Chest</i> , 2002 , 121, 44S	5.3	2
32	A Patient-Gene Model for Temporal Expression Profiles in Clinical Studies. <i>Lecture Notes in Computer Science</i> , 2006 , 69-82	0.9	2
31	Lung Microenvironments and Disease Progression in Fibrotic Hypersensitivity Pneumonitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	2
30	Novel Mechanisms of Disease: Network Biology and MicroRNA Signaling in Pulmonary Hypertension 2016 , 123-133		2
29	miR-21 mediates fibrogenic activation of pulmonary fibroblasts and lung fibrosis. <i>Journal of Cell Biology</i> , 2010 , 190, i3-i3	7.3	2
28	Chronic lung diseases are associated with gene expression programs favoring SARS-CoV-2 entry and severity 2021 ,		2
27	Transcriptomics of bronchoalveolar lavage cells identifies new molecular endotypes of sarcoidosis. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	2
26	Genetic determinants of ammonia-induced acute lung injury in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L41-L62	5.8	2
25	Mechanisms of Hypoxia-Induced Pulmonary Arterial Stiffening in Mice Revealed by a Functional Genetics Assay of Structural, Functional, and Transcriptomic Data. <i>Frontiers in Physiology</i> , 2021 , 12, 726233	4.6	2
24	Distinct roles of KLF4 in mesenchymal cell subtypes during lung fibrogenesis. <i>Nature Communications</i> , 2021 , 12, 7179	17.4	2
23	Solving the Conundrum: Immunogenetics of Sarcoidosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 652-4	10.2	1
22	Joint Models for Time-to-Event Data and Longitudinal Biomarkers of High Dimension. <i>Statistics in Biosciences</i> , 2019 , 11, 614-629	1.5	1
21	MicroRNAs in Idiopathic Pulmonary Fibrosis: Partners in Health and Disease 2017 , 179-202		1
20	Evolving Genomics of Pulmonary Fibrosis 2014 , 379-402		1
19	Interferon-gamma 1b in idiopathic pulmonary fibrosis: what we know and what must we learn. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 107-8	10.2	1
18	A Markov Random Field Model for Network-based Differential Expression Analysis of Single-cell RNA-seq Data		1

17	Genomics of lung fibrosis 2015 , 6-20		1
16	Decreased miR-24-3p potentiates DNA damage responses and increases susceptibility to COPD		1
15	PD-1 ^{high} CXCR5 ⁺ CD4 ⁺ Peripheral Helper T (T _h) cells Promote Tissue-Homing Plasmablasts in COVID-19		1
14	Long noncoding RNA TINCR is a novel regulator of human bronchial epithelial cell differentiation state. <i>Physiological Reports</i> , 2021 , 9, e14727	2.6	1
13	Integrated transcriptomic analysis of human tuberculosis granulomas and a biomimetic model identifies therapeutic targets. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	1
12	Machine learning implicates the IL-18 signaling axis in severe asthma. <i>JCI Insight</i> , 2021 , 6,	9.9	1
11	Computation and visualization of cell-cell signaling topologies in single-cell systems data using Connectome.. <i>Scientific Reports</i> , 2022 , 12, 4187	4.9	1
10	A Pulmonary Vascular Model From Endothelialized Whole Organ Scaffolds. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 760309	5.8	0
9	A Markov random field model for network-based differential expression analysis of single-cell RNA-seq data. <i>BMC Bioinformatics</i> , 2021 , 22, 524	3.6	0
8	Elevated IL-15 concentrations in the sarcoidosis lung are independent of granuloma burden and disease phenotypes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L1137-L1146	5.8	0
7	PINK1 mediates the protective effects of thyroid hormone T3 in hyperoxia-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L1118-L1125	5.8	0
6	Summary and Future Applications of Precision Medicine in Pulmonary, Critical Care, and Sleep Medicine. <i>Respiratory Medicine</i> , 2020 , 417-428	0.2	
5	Training Reverses Age-Related Gene Expression Changes In Skeletal Muscle Of Elderly Men. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S243	1.2	
4	Fk506-binding protein 11, a plasma cell-specific protein folding catalyst, is increased in pulmonary fibrosis. <i>Pneumologie</i> , 2018 , 72, S115-S115	0.5	
3	Evolving Genomics of Pulmonary Fibrosis. <i>Respiratory Medicine</i> , 2019 , 207-239	0.2	
2	Characterization of Microrna Expression Profile In Platelets In Sickle Cell Disease. <i>Blood</i> , 2010 , 116, 2030-2030		
1	Response. <i>Chest</i> , 2021 , 159, 2116-2117	5.3	