

Yohannes Tesfaigzi

List of Publications by Year in descending order

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96
papers

5,496
citations

117625

34
h-index

85541

71
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99
all docs

99
docs citations

99
times ranked

8239
citing authors

#	ARTICLE	IF	CITATIONS
1	Lung-Function Trajectories Leading to Chronic Obstructive Pulmonary Disease. <i>New England Journal of Medicine</i> , 2015, 373, 111-122.	27.0	974
2	How ERK1/2 activation controls cell proliferation and cell death: Is subcellular localization the answer?. <i>Cell Cycle</i> , 2009, 8, 1168-1175.	2.6	804
3	MMP12, Lung Function, and COPD in High-Risk Populations. <i>New England Journal of Medicine</i> , 2009, 361, 2599-2608.	27.0	315
4	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. <i>Nature Genetics</i> , 2017, 49, 426-432.	21.4	306
5	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. <i>Nature Genetics</i> , 2019, 51, 494-505.	21.4	257
6	Wood Smoke Exposure and Gene Promoter Methylation Are Associated with Increased Risk for COPD in Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 1098-1104.	5.6	117
7	Protective role for club cell secretory protein-16 (CC16) in the development of COPD. <i>European Respiratory Journal</i> , 2015, 45, 1544-1556.	6.7	115
8	Association of clonal hematopoiesis with chronic obstructive pulmonary disease. <i>Blood</i> , 2022, 139, 357-368.	1.4	106
9	Molecular Processes that Drive Cigarette Smoke-Induced Epithelial Cell Fate of the Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 471-482.	2.9	88
10	Health Effects of Subchronic Exposure to Low Levels of Wood Smoke in Rats. <i>Toxicological Sciences</i> , 2002, 65, 115-125.	3.1	86
11	Nicotine Primarily Suppresses Lung Th2 but Not Goblet Cell and Muscle Cell Responses to Allergens. <i>Journal of Immunology</i> , 2008, 180, 7655-7663.	0.8	83
12	ERS/ATS workshop report on respiratory health effects of household air pollution. <i>European Respiratory Journal</i> , 2018, 51, 1700698.	6.7	81
13	Roles of Apoptosis in Airway Epithelia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 34, 537-547.	2.9	75
14	New Mexican Hispanic Smokers Have Lower Odds of Chronic Obstructive Pulmonary Disease and Less Decline in Lung Function Than Non-Hispanic Whites. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1254-1260.	5.6	71
15	A Pilot Study Linking Endothelial Injury in Lungs and Kidneys in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1464-1476.	5.6	67
16	Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. <i>Thorax</i> , 2017, 72, 998-1006.	5.6	65
17	Rapid Lung Function Decline in Smokers Is a Risk Factor for COPD and Is Attenuated by Angiotensin-Converting Enzyme Inhibitor Use. <i>Chest</i> , 2014, 145, 695-703.	0.8	60
18	Club Cell Protein 16 (CC16) Augmentation: A Potential Disease-modifying Approach for Chronic Obstructive Pulmonary Disease (COPD). <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 869-883.	3.4	60

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19	CCSP modulates airway dysfunction and host responses in an Ova-challenged mouse model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 281, L1303-L1311.	2.9	54
20	IFN- β , But Not Fas, Mediates Reduction of Allergen-Induced Mucous Cell Metaplasia by Inducing Apoptosis. <i>Journal of Immunology</i> , 2002, 168, 4764-4771.	0.8	52
21	Bcl-2 Sustains Increased Mucous and Epithelial Cell Numbers in Metaplastic Airway Epithelium. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 764-772.	5.6	52
22	Bcl-2 in LPS- and allergen-induced hyperplastic mucous cells in airway epithelia of Brown Norway rats. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 279, L1210-L1217.	2.9	50
23	Metformin: Experimental and Clinical Evidence for a Potential Role in Emphysema Treatment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 651-666.	5.6	49
24	Effects of 10 Cigarette Smoke Condensates on Primary Human Airway Epithelial Cells by Comparative Gene and Cytokine Expression Studies. <i>Toxicological Sciences</i> , 2010, 114, 79-89.	3.1	48
25	The BH3-only protein Bik/Blk/Nbk inhibits nuclear translocation of activated ERK1/2 to mediate IFN β -induced cell death. <i>Journal of Cell Biology</i> , 2008, 183, 429-439.	5.2	47
26	Decreased sphingolipid synthesis in children with 17q21 asthma risk genotypes. <i>Journal of Clinical Investigation</i> , 2020, 130, 921-926.	8.2	47
27	Cigarette Smoke Suppresses Bik To Cause Epithelial Cell Hyperplasia and Mucous Cell Metaplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1531-1538.	5.6	43
28	Opportunities and Challenges in the Genetics of COPD 2010: An International COPD Genetics Conference Report. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2011, 8, 121-135.	1.6	43
29	Mononuclear Phagocytes and Airway Epithelial Cells: Novel Sources of Matrix Metalloproteinase-8 (MMP-8) in Patients with Idiopathic Pulmonary Fibrosis. <i>PLoS ONE</i> , 2014, 9, e97485.	2.5	42
30	Low-Level Subchronic Exposure to Wood Smoke Exacerbates Inflammatory Responses in Allergic Rats. <i>Toxicological Sciences</i> , 2005, 88, 505-513.	3.1	40
31	Deacetylation of p53 induces autophagy by suppressing Bmf expression. <i>Journal of Cell Biology</i> , 2013, 201, 427-437.	5.2	40
32	Wood Smoke Enhances Cigarette Smoke-Induced Inflammation by Inducing the Aryl Hydrocarbon Receptor Repressor in Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 377-386.	2.9	39
33	Epigenetic Repression of CCDC37 and MAP1B Links Chronic Obstructive Pulmonary Disease to Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1181-1188.	1.1	38
34	Spirometric variability in smokers: transitions in COPD diagnosis in a five-year longitudinal study. <i>Respiratory Research</i> , 2016, 17, 147.	3.6	36
35	DNA synthesis and Bcl-2 expression during development of mucous cell metaplasia in airway epithelium of rats exposed to LPS. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L268-L274.	2.9	35
36	Methylated Genes in Sputum Among Older Smokers With Asthma. <i>Chest</i> , 2012, 142, 425-431.	0.8	35

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37	Bax is Crucial for IFN- γ -Induced Resolution of Allergen- Induced Mucus Cell Metaplasia. <i>Journal of Immunology</i> , 2002, 169, 5919-5925.	0.8	34
38	STAT1 Activation Causes Translocation of Bax to the Endoplasmic Reticulum during the Resolution of Airway Mucous Cell Hyperplasia by IFN- γ . <i>Journal of Immunology</i> , 2007, 178, 8107-8116.	0.8	34
39	Regulation of Mucous Cell Metaplasia in Bronchial Asthma. <i>Current Molecular Medicine</i> , 2008, 8, 408-415.	1.3	34
40	Adam8 Limits the Development of Allergic Airway Inflammation in Mice. <i>Journal of Immunology</i> , 2013, 190, 6434-6449.	0.8	33
41	A Novel Nonhuman Primate Model of Cigarette Smoke-Induced Airway Disease. <i>American Journal of Pathology</i> , 2015, 185, 741-755.	3.8	31
42	A Disintegrin and Metalloproteinase Domain-8: A Novel Protective Proteinase in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1254-1267.	5.6	31
43	Chronic Bronchitis Is Associated With Worse Symptoms and Quality of Life Than Chronic Airflow Obstruction. <i>Chest</i> , 2015, 148, 408-416.	0.8	30
44	IL-17 Plays a Role in Respiratory Syncytial Virus-Induced Lung Inflammation and Emphysema in Elastase and LPS-injured Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 717-726.	2.9	30
45	Bcl-2 mediates sex-specific differences in recovery of mice from LPS-induced signs of sickness independent of IL-6. <i>Journal of Applied Physiology</i> , 2001, 91, 2182-2189.	2.5	25
46	Resolution of LPS-induced airway inflammation and goblet cell hyperplasia is independent of IL-18. <i>Respiratory Research</i> , 2007, 8, 24.	3.6	25
47	Genotypes in matrix metalloproteinase 9 are a risk factor for COPD. <i>International Journal of COPD</i> , 2006, 1, 267-278.	2.3	25
48	Acute Inflammation Induces Insulin-like Growth Factor-1 to Mediate Bcl-2 and Muc5ac Expression in Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 784-791.	2.9	24
49	Difference in Airflow Obstruction between Hispanic and Non-Hispanic White Female Smokers. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2008, 5, 274-281.	1.6	23
50	Intracellular Insulin-like Growth Factor-1 Induces Bcl-2 Expression in Airway Epithelial Cells. <i>Journal of Immunology</i> , 2012, 188, 4581-4589.	0.8	23
51	A genetic variant of p53 restricts the mucous secretory phenotype by regulating SPDEF and Bcl-2 expression. <i>Nature Communications</i> , 2014, 5, 5567.	12.8	23
52	Increased methylation of lung cancer-associated genes in sputum DNA of former smokers with chronic mucous hypersecretion. <i>Respiratory Research</i> , 2014, 15, 2.	3.6	23
53	Identification of a novel Bcl-2 promoter region that counteracts in a p53-dependent manner the inhibitory P2 region. <i>Gene</i> , 2007, 404, 110-116.	2.2	22
54	Antioxidant Diet Protects Against Emphysema, but Increases Mortality in Cigarette Smoke-Exposed Mice. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2011, 8, 362-368.	1.6	22

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55	Genetic Determinants for Promoter Hypermethylation in the Lungs of Smokers: A Candidate Gene-Based Study. <i>Cancer Research</i> , 2012, 72, 707-715.	0.9	22
56	IL-9 and IL-13 Induce Mucous Cell Metaplasia That Is Reduced by IFN- γ in a Bax-Mediated Pathway. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 310-317.	2.9	21
57	Bik reduces hyperplastic cells by increasing Bak and activating DAPk1 to juxtapose ER and mitochondria. <i>Nature Communications</i> , 2017, 8, 803.	12.8	21
58	The Course of Lung Function in Middle-aged Heavy Smokers: Incidence and Time to Early Onset of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1449-1451.	5.6	20
59	Tissue Inhibitor of Metalloproteinase-1 Promotes Polymorphonuclear Neutrophil (PMN) Pericellular Proteolysis by Anchoring Matrix Metalloproteinase-8 and -9 to PMN Surfaces. <i>Journal of Immunology</i> , 2019, 202, 3267-3281.	0.8	20
60	Identification of Sputum Biomarkers Predictive of Pulmonary Exacerbations in COPD. <i>Chest</i> , 2022, 161, 1239-1249.	0.8	20
61	Low plasma CC16 levels in smokers are associated with a higher risk for chronic bronchitis. <i>European Respiratory Journal</i> , 2015, 46, 1501-1503.	6.7	19
62	Inflammation and emphysema in cigarette smoke-exposed mice when instilled with poly (I:C) or infected with influenza A or respiratory syncytial viruses. <i>Respiratory Research</i> , 2016, 17, 75.	3.6	19
63	IL-13 in LPS-Induced Inflammation Causes Bcl-2 Expression to Sustain Hyperplastic Mucous cells. <i>Scientific Reports</i> , 2018, 8, 436.	3.3	18
64	Comparative analysis of ACE2 protein expression in rodent, non-human primate, and human respiratory tract at baseline and after injury: A conundrum for COVID-19 pathogenesis. <i>PLoS ONE</i> , 2021, 16, e0247510.	2.5	18
65	LPS-induced neutrophilic inflammation and Bcl-2 expression in metaplastic mucous cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 285, L405-L414.	2.9	17
66	Persistent mucus accumulation: a consequence of delayed bronchial mucous cell apoptosis in RAO-affected horses?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L602-L609.	2.9	17
67	Early Endotyping: A Chance for Intervention in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 13-17.	2.9	17
68	15q12 Variants, Sputum Gene Promoter Hypermethylation, and Lung Cancer Risk: A GWAS in Smokers. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	6.3	16
69	Correlation of Cigarette Smoke-Induced Pulmonary Inflammation and Emphysema in C3H and C57Bl/6 Mice. <i>Toxicological Sciences</i> , 2015, 147, 75-83.	3.1	16
70	SPRR1B overexpression enhances entry of cells into the G ₀ phase of the cell cycle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 285, L889-L898.	2.9	14
71	Expression of the proapoptotic protein Bax is reduced in bronchial mucous cells of asthmatic subjects. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L1102-L1109.	2.9	14
72	Blocking Bcl-2 resolves IL-13-mediated mucous cell hyperplasia in a Bik-dependent manner. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1456-1459.e9.	2.9	14

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73	Spirometry and Health Status Worsen with Weight Gain in Obese Smokers but Improve in Normal-Weight Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 274-281.	5.6	13
74	Connective Tissue Growth Factor Promotes Pulmonary Epithelial Cell Senescence and Is Associated with COPD Severity. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2017, 14, 228-237.	1.6	13
75	Effects of Wood Smoke Constituents on Mucin Gene Expression in Mice and Human Airway Epithelial Cells and on Nasal Epithelia of Subjects with a Susceptibility Gene Variant in <i>TP53</i> . <i>Environmental Health Perspectives</i> , 2022, 130, 17010.	6.0	13
76	Clinical and cellular effects of cytochrome P-450 modulators. <i>Respiration Physiology</i> , 2001, 128, 79-87.	2.7	12
77	Processes involved in the repair of injured airway epithelia. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2003, 51, 283-8.	2.3	12
78	Tempo-spatial regulation of the Wnt pathway by FAM13A modulates the stemness of alveolar epithelial progenitors. <i>EBioMedicine</i> , 2021, 69, 103463.	6.1	10
79	Is BMF central for anoikis and autophagy?. <i>Autophagy</i> , 2014, 10, 168-169.	9.1	9
80	Identification of novel epigenetic abnormalities as sputum biomarkers for lung cancer risk among smokers and COPD patients. <i>Lung Cancer</i> , 2020, 146, 189-196.	2.0	9
81	Loss of pro-apoptotic Bim promotes accumulation of pulmonary T lymphocytes and enhances allergen-induced goblet cell metaplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L862-L870.	2.9	8
82	Differences in Health-Related Quality of Life Between New Mexican Hispanic and Non-Hispanic White Smokers. <i>Chest</i> , 2016, 150, 869-876.	0.8	8
83	Bik Mediates Caspase-Dependent Cleavage of Viral Proteins to Promote Influenza A Virus Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 664-673.	2.9	8
84	Exacerbations of chronic obstructive pulmonary disease and chronic mucus hypersecretion. <i>Clinical and Applied Immunology Reviews</i> , 2006, 6, 21-36.	0.4	7
85	Inflammation, mucous cell metaplasia, and Bcl-2 expression in response to inhaled lipopolysaccharide aerosol and effect of rolipram. <i>Toxicology and Applied Pharmacology</i> , 2011, 253, 253-260.	2.8	7
86	Adaptation of Proteasomes and Lysosomes to Cellular Environments. <i>Cells</i> , 2020, 9, 2221.	4.1	6
87	Extent of allergic inflammation depends on intermittent versus continuous sensitization to house dust mite. <i>Inhalation Toxicology</i> , 2017, 29, 106-112.	1.6	5
88	A disintegrin and metalloproteinase domain-15 deficiency leads to exaggerated cigarette smoke-induced chronic obstructive pulmonary disease (COPD)-like disease in mice. <i>Mucosal Immunology</i> , 2021, 14, 342-356.	6.0	4
89	Does the BCL-2 family member BIK control lung carcinogenesis?. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1435182.	0.7	3
90	Normalization of FEV1/FVC Ratio to Greater Than 0.7 Does Not Equal Resolution of Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 834-835.	5.6	2

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91	T cells suppress memory-dependent rapid mucous cell metaplasia in mouse airways. <i>Respiratory Research</i> , 2016, 17, 132.	3.6	1
92	Grading Severity of Productive Cough Based on Symptoms and Airflow Obstruction. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2018, 15, 206-213.	1.6	1
93	Functional Studies of Single-Nucleotide Polymorphisms Suggest Heterogeneity in Chronic Obstructive Pulmonary Disease due to Susceptibility of Different Cell Types. <i>Annals of the American Thoracic Society</i> , 2018, 15, S285-S285.	3.2	1
94	Casein kinase II activates Bik to induce death of hyperplastic mucous cells in a cell cycleâ€dependent manner. <i>Journal of Cellular Physiology</i> , 2022, 237, 1561-1572.	4.1	1
95	Is IL-1Î² a Target for Reducing Hospitalization of Infants Infected with Respiratory Syncytial Virus?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 248-249.	2.9	1
96	Jumping on the Single-Cell RNA-Sequencing Bandwagon: Take Care Not to Put the Cart before the Horse. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 267-267.	2.9	0