Yohannes Tesfaigzi

List of Publications by Year
in descending order

96 papers	5,496 citations	117453 34 h-index	85405 71 g-index
99 all docs	99 docs citations	99 times ranked	8239 citing authors

#	Article	IF	Citations
1	Casein kinase II activates Bik to induce death of hyperplastic mucous cells in a cell cycleâ€dependent manner. Journal of Cellular Physiology, 2022, 237, 1561-1572.	2.0	1
2	Association of clonal hematopoiesis with chronic obstructive pulmonary disease. Blood, 2022, 139, 357-368.	0.6	106
3	Identification of Sputum Biomarkers Predictive of Pulmonary Exacerbations in COPD. Chest, 2022, 161, 1239-1249.	0.4	20
4	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>. Environmental Health Perspectives, 2022, 130, 17010.	2.8	13
5	Is IL-1Î² a Target for Reducing Hospitalization of Infants Infected with Respiratory Syncytial Virus?. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 248-249.	1.4	1
6	A disintegrin and metalloproteinase domain-15 deficiency leads to exaggerated cigarette smoke-induced chronic obstructive pulmonary disease (COPD)-like disease in mice. Mucosal Immunology, 2021, 14, 342-356.	2.7	4
7	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. PLoS ONE, 2021, 16, e0247510.	1.1	18
8	Tempo-spatial regulation of the Wnt pathway by FAM13A modulates the stemness of alveolar epithelial progenitors. EBioMedicine, 2021, 69, 103463.	2.7	10
9	Metformin: Experimental and Clinical Evidence for a Potential Role in Emphysema Treatment. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 651-666.	2.5	49
10	Adaptation of Proteasomes and Lysosomes to Cellular Environments. Cells, 2020, 9, 2221.	1.8	6
11	Identification of novel epigenetic abnormalities as sputum biomarkers for lung cancer risk among smokers and COPD patients. Lung Cancer, 2020, 146, 189-196.	0.9	9
12	Jumping on the Single-Cell RNA-Sequencing Bandwagon: Take Care Not to Put the Cart before the Horse. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 267-267.	1.4	0
13	Decreased sphingolipid synthesis in children with 17q21 asthmaâ€“risk genotypes. Journal of Clinical Investigation, 2020, 130, 921-926.	3.9	47
14	Tissue Inhibitor of Metalloproteinase-1 Promotes Polymorphonuclear Neutrophil (PMN) Pericellular Proteolysis by Anchoring Matrix Metalloproteinase-8 and -9 to PMN Surfaces. Journal of Immunology, 2019, 202, 3267-3281.	0.4	20
15	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. Nature Genetics, 2019, 51, 494-505.	9.4	257
16	Early Endotyping: A Chance for Intervention in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 13-17.	1.4	17
17	IL-17 Plays a Role in Respiratory Syncytial Virusâ€“induced Lung Inflammation and Emphysema in Elastase and LPS-injured Mice. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 717-726.	1.4	30
18	IL-13 in LPS-Induced Inflammation Causes Bcl-2 Expression to Sustain Hyperplastic Mucous cells. Scientific Reports, 2018, 8, 436.	1.6	18

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19	ERS/ATS workshop report on respiratory health effects of household air pollution. European Respiratory Journal, 2018, 51, 1700698.	3.1	81
20	Grading Severity of Productive Cough Based on Symptoms and Airflow Obstruction. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2018, 15, 206-213.	0.7	1
21	Normalization of FEV1/FVC Ratio to Greater Than 0.7 Does Not Equal Resolution of Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 834-835.	2.5	2
22	Functional Studies of Single-Nucleotide Polymorphisms Suggest Heterogeneity in Chronic Obstructive Pulmonary Disease due to Susceptibility of Different Cell Types. Annals of the American Thoracic Society, 2018, 15, S285-S285.	1.5	1
23	A Disintegrin and Metalloproteinase Domain-8: A Novel Protective Proteinase in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1254-1267.	2.5	31
24	The Course of Lung Function in Middle-aged Heavy Smokers: Incidence and Time to Early Onset of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1449-1451.	2.5	20
25	Does the BCL-2 family member BIK control lung carcinogenesis?. Molecular and Cellular Oncology, 2018, 5, e1435182.	0.3	3
26	A Pilot Study Linking Endothelial Injury in Lungs and Kidneys in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1464-1476.	2.5	67
27	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. Nature Genetics, 2017, 49, 426-432.	9.4	306
28	Extent of allergic inflammation depends on intermittent versus continuous sensitization to house dust mite. Inhalation Toxicology, 2017, 29, 106-112.	0.8	5
29	Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. Thorax, 2017, 72, 998-1006.	2.7	65
30	Connective Tissue Growth Factor Promotes Pulmonary Epithelial Cell Senescence and Is Associated with COPD Severity. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2017, 14, 228-237.	0.7	13
31	Blocking Bcl-2 resolves IL-13â€“mediated mucous cell hyperplasia in a Bik-dependent manner. Journal of Allergy and Clinical Immunology, 2017, 140, 1456-1459.e9.	1.5	14
32	Bik reduces hyperplastic cells by increasing Bak and activating DAPk1 to juxtapose ER and mitochondria. Nature Communications, 2017, 8, 803.	5.8	21
33	Inflammation and emphysema in cigarette smoke-exposed mice when instilled with poly (I:C) or infected with influenza A or respiratory syncytial viruses. Respiratory Research, 2016, 17, 75.	1.4	19
34	T cells suppress memory-dependent rapid mucous cell metaplasia in mouse airways. Respiratory Research, 2016, 17, 132.	1.4	1
35	Differences in Health-Related Quality of Life Between New Mexican Hispanic and Non-Hispanic White Smokers. Chest, 2016, 150, 869-876.	0.4	8
36	Spirometric variability in smokers: transitions in COPD diagnosis in a five-year longitudinal study. Respiratory Research, 2016, 17, 147.	1.4	36

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37	Club Cell Protein 16 (CC16) Augmentation: A Potential Disease-modifying Approach for Chronic Obstructive Pulmonary Disease (COPD). Expert Opinion on Therapeutic Targets, 2016, 20, 869-883.	1.5	60
38	Bik Mediates Caspase-Dependent Cleavage of Viral Proteins to Promote Influenza A Virus Infection. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 664-673.	1.4	8
39	Chronic Bronchitis Is Associated With Worse Symptoms and Quality of Life Than Chronic Airflow Obstruction. Chest, 2015, 148, 408-416.	0.4	30
40	Epigenetic Repression of CCDC37 and MAP1B Links Chronic Obstructive Pulmonary Disease to Lung Cancer. Journal of Thoracic Oncology, 2015, 10, 1181-1188.	0.5	38
41	Protective role for club cell secretory protein-16 (CC16) in the development of COPD. European Respiratory Journal, 2015, 45, 1544-1556.	3.1	115
42	A Novel Nonhuman Primate Model of Cigarette Smokeâ€"Induced Airway Disease. American Journal of Pathology, 2015, 185, 741-755.	1.9	31
43	Lung-Function Trajectories Leading to Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2015, 373, 111-122.	13.9	974
44	15q12 Variants, Sputum Gene Promoter Hypermethylation, and Lung Cancer Risk: A GWAS in Smokers. Journal of the National Cancer Institute, 2015, 107, .	3.0	16
45	Correlation of Cigarette Smoke-Induced Pulmonary Inflammation and Emphysema in C3H and C57Bl/6 Mice. Toxicological Sciences, 2015, 147, 75-83.	1.4	16
46	Low plasma CC16 levels in smokers are associated with a higher risk for chronic bronchitis. European Respiratory Journal, 2015, 46, 1501-1503.	3.1	19
47	Wood Smoke Enhances Cigarette Smokeâ€"Induced Inflammation by Inducing the Aryl Hydrocarbon Receptor Repressor in Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 377-386.	1.4	39
48	Mononuclear Phagocytes and Airway Epithelial Cells: Novel Sources of Matrix Metalloproteinase-8 (MMP-8) in Patients with Idiopathic Pulmonary Fibrosis. PLoS ONE, 2014, 9, e97485.	1.1	42
49	Is BMF central for anoikis and autophagy?. Autophagy, 2014, 10, 168-169.	4.3	9
50	A genetic variant of p53 restricts the mucous secretory phenotype by regulating SPDEF and Bcl-2 expression. Nature Communications, 2014, 5, 5567.	5.8	23
51	Increased methylation of lung cancer-associated genes in sputum DNA of former smokers with chronic mucous hypersecretion. Respiratory Research, 2014, 15, 2.	1.4	23
52	Molecular Processes that Drive Cigarette Smokeâ€"Induced Epithelial Cell Fate of the Lung. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 471-482.	1.4	88
53	Spirometry and Health Status Worsen with Weight Gain in Obese Smokers but Improve in Normal-Weight Smokers. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 274-281.	2.5	13
54	Rapid Lung Function Decline in Smokers Is a Risk Factor for COPD and Is Attenuated by Angiotensin-Converting Enzyme Inhibitor Use. Chest, 2014, 145, 695-703.	0.4	60

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55	Adam8 Limits the Development of Allergic Airway Inflammation in Mice. Journal of Immunology, 2013, 190, 6434-6449.	0.4	33
56	Deacetylation of p53 induces autophagy by suppressing Bmf expression. Journal of Cell Biology, 2013, 201, 427-437.	2.3	40
57	Genetic Determinants for Promoter Hypermethylation in the Lungs of Smokers: A Candidate Gene-Based Study. Cancer Research, 2012, 72, 707-715.	0.4	22
58	Methylated Genes in Sputum Among Older Smokers With Asthma. Chest, 2012, 142, 425-431.	0.4	35
59	Acute Inflammation Induces Insulin-like Growth Factor-1 to Mediate Bcl-2 and Muc5ac Expression in Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 784-791.	1.4	24
60	Intracellular Insulin-like Growth Factor-1 Induces Bcl-2 Expression in Airway Epithelial Cells. Journal of Immunology, 2012, 188, 4581-4589.	0.4	23
61	Inflammation, mucous cell metaplasia, and Bcl-2 expression in response to inhaled lipopolysaccharide aerosol and effect of rolipram. Toxicology and Applied Pharmacology, 2011, 253, 253-260.	1.3	7
62	New Mexican Hispanic Smokers Have Lower Odds of Chronic Obstructive Pulmonary Disease and Less Decline in Lung Function Than Non-Hispanic Whites. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1254-1260.	2.5	71
63	Cigarette Smoke Suppresses Bik To Cause Epithelial Cell Hyperplasia and Mucous Cell Metaplasia. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1531-1538.	2.5	43
64	Antioxidant Diet Protects Against Emphysema, but Increases Mortality in Cigarette Smoke-Exposed Mice. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2011, 8, 362-368.	0.7	22
65	Opportunities and Challenges in the Genetics of COPD 2010: An International COPD Genetics Conference Report. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2011, 8, 121-135.	0.7	43
66	Effects of 10 Cigarette Smoke Condensates on Primary Human Airway Epithelial Cells by Comparative Gene and Cytokine Expression Studies. Toxicological Sciences, 2010, 114, 79-89.	1.4	48
67	Wood Smoke Exposure and Gene Promoter Methylation Are Associated with Increased Risk for COPD in Smokers. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1098-1104.	2.5	117
68	<i>MMP12,</i>Lung Function, and COPD in High-Risk Populations. New England Journal of Medicine, 2009, 361, 2599-2608.	13.9	315
69	How ERK1/2 activation controls cell proliferation and cell death: Is subcellular localization the answer?. Cell Cycle, 2009, 8, 1168-1175.	1.3	804
70	Difference in Airflow Obstruction between Hispanic and Non-Hispanic White Female Smokers. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2008, 5, 274-281.	0.7	23
71	Nicotine Primarily Suppresses Lung Th2 but Not Goblet Cell and Muscle Cell Responses to Allergens. Journal of Immunology, 2008, 180, 7655-7663.	0.4	83
72	Expression of the proapoptotic protein Bax is reduced in bronchial mucous cells of asthmatic subjects. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L1102-L1109.	1.3	14

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73	Regulation of Mucous Cell Metaplasia in Bronchial Asthma. Current Molecular Medicine, 2008, 8, 408-415.	0.6	34
74	The BH3-only protein Bik/Blk/Nbk inhibits nuclear translocation of activated ERK1/2 to mediate IFNÎ³-induced cell death. Journal of Cell Biology, 2008, 183, 429-439.	2.3	47
75	IL-9 and IL-13 Induce Mucous Cell Metaplasia That Is Reduced by IFN-Î³ in a Bax-Mediated Pathway. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 310-317.	1.4	21
76	STAT1 Activation Causes Translocation of Bax to the Endoplasmic Reticulum during the Resolution of Airway Mucous Cell Hyperplasia by IFN-Î³. Journal of Immunology, 2007, 178, 8107-8116.	0.4	34
77	Identification of a novel Bcl-2 promoter region that counteracts in a p53-dependent manner the inhibitory P2 region. Gene, 2007, 404, 110-116.	1.0	22
78	Resolution of LPS-induced airway inflammation and goblet cell hyperplasia is independent of IL-18. Respiratory Research, 2007, 8, 24.	1.4	25
79	Exacerbations of chronic obstructive pulmonary disease and chronic mucus hypersecretion. Clinical and Applied Immunology Reviews, 2006, 6, 21-36.	0.4	7
80	Roles of Apoptosis in Airway Epithelia. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 537-547.	1.4	75
81	Persistent mucus accumulation: a consequence of delayed bronchial mucous cell apoptosis in RAO-affected horses?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L602-L609.	1.3	17
82	Loss of pro-apoptotic Bim promotes accumulation of pulmonary T lymphocytes and enhances allergen-induced goblet cell metaplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L862-L870.	1.3	8
83	Genotypes in matrix metalloproteinase 9 are a risk factor for COPD. International Journal of COPD, 2006, 1, 267-278.	0.9	25
84	Low-Level Subchronic Exposure to Wood Smoke Exacerbates Inflammatory Responses in Allergic Rats. Toxicological Sciences, 2005, 88, 505-513.	1.4	40
85	Bcl-2 Sustains Increased Mucous and Epithelial Cell Numbers in Metaplastic Airway Epithelium. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 764-772.	2.5	52
86	DNA synthesis and Bcl-2 expression during development of mucous cell metaplasia in airway epithelium of rats exposed to LPS. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L268-L274.	1.3	35
87	SPRR1B overexpression enhances entry of cells into the G₀ phase of the cell cycle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L889-L898.	1.3	14
88	LPS-induced neutrophilic inflammation and Bcl-2 expression in metaplastic mucous cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L405-L414.	1.3	17
89	Processes involved in the repair of injured airway epithelia. Archivum Immunologiae Et Therapiae Experimentalis, 2003, 51, 283-8.	1.0	12
90	Bax is Crucial for IFN-Î³-Induced Resolution of Allergen- Induced Mucus Cell Metaplasia. Journal of Immunology, 2002, 169, 5919-5925.	0.4	34

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91	IFN-Î³, But Not Fas, Mediates Reduction of Allergen-Induced Mucous Cell Metaplasia by Inducing Apoptosis. Journal of Immunology, 2002, 168, 4764-4771.	0.4	52
92	Health Effects of Subchronic Exposure to Low Levels of Wood Smoke in Rats. Toxicological Sciences, 2002, 65, 115-125.	1.4	86
93	CCSP modulates airway dysfunction and host responses in an Ova-challenged mouse model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L1303-L1311.	1.3	54
94	Bcl-2 mediates sex-specific differences in recovery of mice from LPS-induced signs of sickness independent of IL-6. Journal of Applied Physiology, 2001, 91, 2182-2189.	1.2	25
95	Clinical and cellular effects of cytochrome P-450 modulators. Respiration Physiology, 2001, 128, 79-87.	2.8	12
96	Bcl-2 in LPS- and allergen-induced hyperplastic mucous cells in airway epithelia of Brown Norway rats. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L1210-L1217.	1.3	50