

# Benjamin G Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

2,978  
citations

236925

25  
h-index

377865

34  
g-index

64  
all docs

64  
docs citations

64  
times ranked

5126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enrichment of the lung microbiome with oral taxa is associated with lung inflammation of a Th17 phenotype. <i>Nature Microbiology</i> , 2016, 1, 16031.	13.3	436
2	Association Between Early Treatment With Tocilizumab and Mortality Among Critically Ill Patients With COVID-19. <i>JAMA Internal Medicine</i> , 2021, 181, 41.	5.1	385
3	Enrichment of lung microbiome with supraglottic taxa is associated with increased pulmonary inflammation. <i>Microbiome</i> , 2013, 1, 19.	11.1	355
4	Airway Microbiota Is Associated with Upregulation of the PI3K Pathway in Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1188-1198.	5.6	232
5	Characteristics and Outcomes of Individuals With Pre-existing Kidney Disease and COVID-19 Admitted to Intensive Care Units in the United States. <i>American Journal of Kidney Diseases</i> , 2021, 77, 190-203.e1.	1.9	167
6	Lower Airway Dysbiosis Affects Lung Cancer Progression. <i>Cancer Discovery</i> , 2021, 11, 293-307.	9.4	139
7	Randomised, double-blind, placebo-controlled trial with azithromycin selects for anti-inflammatory microbial metabolites in the emphysematous lung. <i>Thorax</i> , 2017, 72, 13-22.	5.6	137
8	Microbial signatures in the lower airways of mechanically ventilated COVID-19 patients associated with poor clinical outcome. <i>Nature Microbiology</i> , 2021, 6, 1245-1258.	13.3	101
9	Anaerobic Bacterial Fermentation Products Increase Tuberculosis Risk in Antiretroviral-Drug-Treated HIV Patients. <i>Cell Host and Microbe</i> , 2017, 21, 530-537.e4.	11.0	95
10	Outcomes of critically ill solid organ transplant patients with COVID-19 in the United States. <i>American Journal of Transplantation</i> , 2020, 20, 3061-3071.	4.7	89
11	Novel role of calpain-3 in the triad-associated protein complex regulating calcium release in skeletal muscle. <i>Human Molecular Genetics</i> , 2008, 17, 3271-3280.	2.9	87
12	Evaluation of the airway microbiome in nontuberculous mycobacteria disease. <i>European Respiratory Journal</i> , 2018, 52, 1800810.	6.7	69
13	The microbiome and tuberculosis: state of the art, potential applications, and defining the clinical research agenda. <i>Lancet Respiratory Medicine</i> , 2019, 7, 892-906.	10.7	62
14	Mitochondrial abnormalities, energy deficit and oxidative stress are features of calpain 3 deficiency in skeletal muscle. <i>Human Molecular Genetics</i> , 2009, 18, 3194-3205.	2.9	57
15	Regulation of the M-Cadherin- $\beta$ -Catenin Complex by Calpain 3 during Terminal Stages of Myogenic Differentiation. <i>Molecular and Cellular Biology</i> , 2006, 26, 8437-8447.	2.3	55
16	Episodic Aspiration with Oral Commensals Induces a MyD88-dependent, Pulmonary T-Helper Cell Type 17 Response that Mitigates Susceptibility to <i>Streptococcus pneumoniae</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1099-1111.	5.6	55
17	Severe Obstructive Sleep Apnea Is Associated with Alterations in the Nasal Microbiome and an Increase in Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 99-109.	5.6	51
18	The Respiratory Microbiome in Chronic Hypersensitivity Pneumonitis Is Distinct from That of Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 339-347.	5.6	45

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19	The Lung Microbiome and Its Role in Pneumonia. <i>Clinics in Chest Medicine</i> , 2018, 39, 677-689.	2.1	44
20	Lung microbiome and host immune tone in subjects with idiopathic pulmonary fibrosis treated with inhaled interferon- $\beta$ . <i>ERJ Open Research</i> , 2017, 3, 00008-2017.	2.6	42
21	Hospital-Level Variation in Death for Critically Ill Patients with COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 403-411.	5.6	39
22	Sputum neutrophil elastase associates with microbiota and <i>Pseudomonas aeruginosa</i> in bronchiectasis. <i>European Respiratory Journal</i> , 2020, 56, 2000769.	6.7	37
23	d-dimer and Death in Critically Ill Patients With Coronavirus Disease 2019. <i>Critical Care Medicine</i> , 2021, 49, e500-e511.	0.9	35
24	Lung Microbiota and Its Impact on the Mucosal Immune Phenotype. <i>Microbiology Spectrum</i> , 2017, 5, .	3.0	34
25	Functional lower airways genomic profiling of the microbiome to capture active microbial metabolism. <i>European Respiratory Journal</i> , 2021, 58, 2003434.	6.7	34
26	Anaerobe-enriched gut microbiota predicts pro-inflammatory responses in pulmonary tuberculosis. <i>EBioMedicine</i> , 2021, 67, 103374.	6.1	22
27	Evidence for Environmental "Human Microbiota Transfer at a Manufacturing Facility with Novel Work-related Respiratory Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1678-1688.	5.6	16
28	Reshaping of the gastrointestinal microbiome alters atherosclerotic plaque inflammation resolution in mice. <i>Scientific Reports</i> , 2021, 11, 8966.	3.3	11
29	THE CONTRIBUTION OF GASTROINTESTINAL MICROBIOME ALTERATIONS TO ATHEROSCLEROTIC PLAQUE REGRESSION. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2049.	2.8	10
30	Antisense oligonucleotide targeting of thrombopoietin represents a novel platelet depletion method to assess the immunomodulatory role of platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 1773-1782.	3.8	8
31	Aerodigestive dysbiosis in children with chronic cough. <i>Pediatric Pulmonology</i> , 2018, 53, 1288-1298.	2.0	6
32	Trimethoprim-Sulfamethoxazole-Induced Subcutaneous Sweet's Syndrome Masquerading as Septic Shock. <i>Chest</i> , 2016, 150, 376A.	0.8	1
33	The Road to Precision Medicine in Chronic Obstructive Pulmonary Disease: Squeezing More Out of Chest Computed Tomography Scans. <i>Annals of the American Thoracic Society</i> , 2018, 15, 428-429.	3.2	1
34	Microbial Short Chain Fatty Acids Impair Mycobacterium Avium (MAC) Clearance by Alveolar Macrophages. , 2019, , .		1
35	Multi-omics analysis of the healthy smoker airway reveals smoking related impacts on the lung microenvironment. , 2017, , .		1
36	Revisiting Alveolar Hypoventilation: Effect of Methadone on Ventilation in a Patient With Chronic Obstructive Pulmonary Disease. <i>Chest</i> , 2014, 146, 329A.	0.8	0

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37	Two Distinct Pulmonary Manifestations of an Inflammatory Myopathy. <i>Chest</i> , 2015, 148, 861A.	0.8	0
38	Lung Microbiota and Its Impact on the Mucosal Immune Phenotype. , 2018, , 161-186.		0
39	Lower Airway Dysbiosis Leads to A Pro-Tumor Inflammatory State and Worsens Non-Small Cell Lung Cancer Prognosis in a Preclinical Model. , 2019, , .		0
40	Metatranscriptomic Reveals Functional Abnormalities of Lower Airway Dysbiosis Signatures Identified in Humans. , 2019, , .		0
41	Lower Airway Priming with Human Oral Commensals Alters Immune Response to Streptococcus Pneumoniae. , 2019, , .		0
42	Lower Airway Colonisation with Oral Commensals Is Associated with Non-Tuberculosis Mycobacterium Related Bronchiectasis. , 2019, , .		0
43	Signature Bacteria of Lower Airway Dysbiosis Activate TLR4 and Inflammasome Pathways in Airway Epithelial Cells. , 2019, , .		0
44	Induction of Lower Airway Dysbiosis with Oral Commensals Leads to a Time-Dependent and Persistent Th17 Inflammatory Profile in the Lower Airways of Mice Independent of Cage Effect. , 2019, , .		0
45	Lower Airway Dysbiosis Is Necessary for Neutrophilic and Th17 Lower Airway Inflammation in a Pre-Clinical Model of Smoke Induced COPD. , 2019, , .		0
46	Transcriptomic Signatures in Airway Brushings and Lung Cancer Prognosis. , 2019, , .		0
47	Lower Airway Dysbiosis Induces a MyD88-Independent Th1 Inflammatory Response and Altered Th17 Inflammation. , 2020, , .		0
48	Functional Microbiomic Approaches Using Lower Airway Samples Identify a Subset of Lung Microbial Communities with Evidence of Active Microbial Metabolism. , 2020, , .		0
49	Lung Cancer Survival and Prognosis Is Affected by Lower Airway Oral Commensal Enrichment. , 2020, , .		0
50	Ecological Variation of the Lung Microbiota Post-Lung Transplantation. , 2020, , .		0
51	Functional Immune Exhaustion Following Human Oral Commensal Exposure in the Murine Model of Lower Airway Dysbiosis. , 2021, , .		0
52	Evaluation of the Lower Airway Microbiota in Patients with Severe SARS-CoV2. , 2021, , .		0
53	Lower Airway Microbiota Predicts Malignancy Recurrence of Surgically Resected Early-Stage Lung Cancer. , 2021, , .		0
54	The Effect of Lower Airway Dysbiosis on PD-1 Therapy in Lung Cancer. , 2021, , .		0

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55	A Cryptic Culprit of Gastrointestinal Intussusception and Hemorrhage From Above the Diaphragm: Sarcomatoid Lung Cancer. Chest, 2014, 146, 622A.	0.8	0
56	The Syndrome Behind the Aspergilloma. Chest, 2014, 146, 131A.	0.8	0
57	BPI Fold Containing Family A Member 1 (BPIFA1) regulates mucosal microbiota and basal Interferon signaling. , 2018, , .		0
58	Host transcriptomic signatures associated with dysbiosis in a preclinical model of lung cancer.. Journal of Clinical Oncology, 2019, 37, 3107-3107.	1.6	0
59	Non-tuberculosis mycobacterium related bronchiectasis is associated with oral commensals in the lower airway. , 2019, , .		0
60	Oral commensals in the lower airways of COPD leads to an altered host immune tone. , 2020, , .		0