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The emerging relationship between the airway microbiota and chronic respiratory disease: clinical implicati

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#	Paper	IF	Citations
87	A persistent and diverse airway microbiota present during chronic obstructive pulmonary disease exacerbations. <i>OMICS A Journal of Integrative Biology</i> , 2010 , 14, 9-59	3.8	178
86	The cystic fibrosis airway microbiome. <i>Current Opinion in Pulmonary Medicine</i> , 2012 , 18, 622-7	3	35
85	Serial analysis of the gut and respiratory microbiome in cystic fibrosis in infancy: interaction between intestinal and respiratory tracts and impact of nutritional exposures. <i>MBio</i> , 2012 , 3,	7.8	217
84	Complex sputum microbial composition in patients with pulmonary tuberculosis. <i>BMC Microbiology</i> , 2012 , 12, 276	4.5	60
83	Jack of all trades: thymosin α and its pleiotropy. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1269, 1-6	6.5	33
82	Respiratory viral infections in children with asthma: do they matter and can we prevent them?. <i>BMC Pediatrics</i> , 2012 , 12, 147	2.6	32
81	The lung microbiome in moderate and severe chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2012 , 7, e47305	3.7	282
80	Enrichment of lung microbiome with supraglottic taxa is associated with increased pulmonary inflammation. <i>Microbiome</i> , 2013 , 1, 19	16.6	262
79	Unique microbial communities persist in individual cystic fibrosis patients throughout a clinical exacerbation. <i>Microbiome</i> , 2013 , 1, 27	16.6	102
78	Interpretation and Relevance of Advanced Technique Results. 2013 , 911-936		1
77	The role of the lung microbiome in health and disease. A National Heart, Lung, and Blood Institute workshop report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 1382-7	10.2	113
76	Probiotic strategies for treatment of respiratory diseases. <i>Trends in Microbiology</i> , 2013 , 21, 485-92	12.4	24
75	Significance of the microbiome in chronic obstructive pulmonary disease. <i>Annals of the American Thoracic Society</i> , 2013 , 10 Suppl, S170-9	4.7	14
74	Inflammation and immune response in COPD: where do we stand?. <i>Mediators of Inflammation</i> , 2013 , 2013, 413735	4.3	118
73	Encyclopedia of Metagenomics. 2013 , 1-6		
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71	Novosphingobium and its potential role in chronic obstructive pulmonary diseases: insights from microbiome studies. <i>PLoS ONE</i> , 2014 , 9, e111150	3.7	13

70	Host-microorganism interactions in lung diseases. <i>Nature Reviews Immunology</i> , 2014 , 14, 827-35	36.5	196
69	<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
68	Genomic and systems approaches to translational biomarker discovery in immunological diseases. <i>Drug Discovery Today</i> , 2014 , 19, 133-9	8.8	3
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66	The microbiome and the lung. <i>Annals of the American Thoracic Society</i> , 2014 , 11 Suppl 4, S227-32	4.7	60
65	Human pharyngeal microbiome may play a protective role in respiratory tract infections. <i>Genomics, Proteomics and Bioinformatics</i> , 2014 , 12, 144-50	6.5	43
64	<i>Aspergillus</i> spp. colonization in exhaled breath condensate of lung cancer patients from Puglia Region of Italy. <i>BMC Pulmonary Medicine</i> , 2014 , 14, 22	3.5	16
63	ABCs of the lung microbiome. <i>Annals of the American Thoracic Society</i> , 2014 , 11 Suppl 1, S3-6	4.7	19
62	No direct association between asthma and the microbiome based on currently available techniques. <i>Medicine (United States)</i> , 2014 , 93, e199	1.8	5
61	Host Sialic Acids: A Delicacy for the Pathogen with Discerning Taste. <i>Microbiology Spectrum</i> , 2015 , 3,	8.9	31
60	Mucociliary dysfunction in HIV and smoked substance abuse. <i>Frontiers in Microbiology</i> , 2015 , 6, 1052	5.7	14
59	Changes in cystic fibrosis airway microbial community associated with a severe decline in lung function. <i>PLoS ONE</i> , 2015 , 10, e0124348	3.7	49
58	Sputum Bacterial and Fungal Dynamics during Exacerbations of Severe COPD. <i>PLoS ONE</i> , 2015 , 10, e0130736	6.7	36
57	An Introduction to the Avian Gut Microbiota and the Effects of Yeast-Based Prebiotic-Type Compounds as Potential Feed Additives. <i>Frontiers in Veterinary Science</i> , 2015 , 2, 28	3.1	71
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54	The microbiome of the upper airways: focus on chronic rhinosinusitis. <i>World Allergy Organization Journal</i> , 2015 , 8, 3	5.2	16
53	The mechanism or mechanisms driving atopic asthma initiation: The infant respiratory microbiome moves to center stage. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 15-22	11.5	37

52	The bacterial microbiota in inflammatory lung diseases. <i>Clinical Immunology</i> , 2015 , 159, 177-82	9	24
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42	Disrupted progression of the intestinal microbiota with age in children with cystic fibrosis. <i>Scientific Reports</i> , 2016 , 6, 24857	4.9	50
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40	The cystic fibrosis microbiome in an ecological perspective and its impact in antibiotic therapy. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 1163-1181	5.7	26
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38	The Challenges of Precision Medicine in COPD. <i>Molecular Diagnosis and Therapy</i> , 2017 , 21, 345-355	4.5	28
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34	Potential of Health and Demographic Surveillance System in Asthma and Chronic Obstructive Pulmonary Disease Microbiome Research. <i>Frontiers in Public Health</i> , 2017 , 5, 196	6	4
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32	Effects of treatment changes on asthma phenotype prevalence and airway neutrophil function. <i>BMC Pulmonary Medicine</i> , 2017 , 17, 169	3.5	14
31	An overview of the current management of chronic obstructive pulmonary disease: can we go beyond the GOLD recommendations?. <i>Expert Review of Respiratory Medicine</i> , 2018 , 12, 43-54	3.8	8
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26	The respiratory microbiota: new insights into pulmonary tuberculosis. <i>BMC Infectious Diseases</i> , 2019 , 19, 92	4	11
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