

The microbiota of the respiratory tract: gatekeeper to r

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The commensal lifestyle of <i>Staphylococcus aureus</i> and its interactions with the nasal microbiota. <i>Nature Reviews Microbiology</i> , 2017, 15, 675-687.	13.6	222
2	Role of microbiota on lung homeostasis and diseases. <i>Science China Life Sciences</i> , 2017, 60, 1407-1415.	2.3	53
3	Immune development and environment: lessons from Amish and Hutterite children. <i>Current Opinion in Immunology</i> , 2017, 48, 51-60.	2.4	74
4	The role of respiratory tract infections and the microbiome in the development of asthma: A narrative review. <i>Pediatric Pulmonology</i> , 2017, 52, 1363-1370.	1.0	18
5	Impact of the Microbiota on Bacterial Infections during Cancer Treatment. <i>Trends in Microbiology</i> , 2017, 25, 992-1004.	3.5	36
6	Microbial volatile communication in human organotypic lung models. <i>Nature Communications</i> , 2017, 8, 1770.	5.8	78
7	Highlights in immune response, microbiome and precision medicine in allergic disease and asthma. <i>Current Opinion in Immunology</i> , 2017, 48, iv-ix.	2.4	15
8	Disordered oropharyngeal microbial communities in H7N9 patients with or without secondary bacterial lung infection. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-11.	3.0	59
9	Canonical Stimulation of the NLRP3 Inflammasome by Fungal Antigens Links Innate and Adaptive B-Lymphocyte Responses by Modulating IL-1 β and IgM Production. <i>Frontiers in Immunology</i> , 2017, 8, 1504.	2.2	46
10	Innate Immunity to Respiratory Infection in Early Life. <i>Frontiers in Immunology</i> , 2017, 8, 1570.	2.2	42
11	Protective Microbiota: From Localized to Long-Reaching Co-Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1678.	2.2	128
12	Transmission of Airborne Bacteria across Built Environments and Its Measurement Standards: A Review. <i>Frontiers in Microbiology</i> , 2017, 8, 2336.	1.5	86
13	Comparing the Healthy Nose and Nasopharynx Microbiota Reveals Continuity As Well As Niche-Specificity. <i>Frontiers in Microbiology</i> , 2017, 8, 2372.	1.5	89
14	The Alteration of Nasopharyngeal and Oropharyngeal Microbiota in Children with MPP and Non-MPP. <i>Genes</i> , 2017, 8, 380.	1.0	16
15	Modeling DNA damage-induced pneumopathy in mice: insight from danger signaling cascades. <i>Radiation Oncology</i> , 2017, 12, 142.	1.2	25
16	Influenza Hemagglutinin Protein Stability, Activation, and Pandemic Risk. <i>Trends in Microbiology</i> , 2018, 26, 841-853.	3.5	134
17	Human Microbes - The Power Within. , 2018, , .		6
18	Immunological roulette: Luck or something more? Considering the connections between host and environment in TB. <i>Cellular and Molecular Immunology</i> , 2018, 15, 226-232.	4.8	3

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19	A Focus on Microbiome Completeness and Optimized Colonization Resistance in Neonatology. NeoReviews, 2018, 19, e78-e88.	0.4	6
20	The Microbiome: Genesis and Functions. , 2018, , 37-79.		1
21	R-Phycoerythrin - labeled Mannheimia haemolytica for the simultaneous measurement of phagocytosis and intracellular reactive oxygen species production in bovine blood and bronchoalveolar lavage cells. Veterinary Immunology and Immunopathology, 2018, 196, 53-59.	0.5	12
22	Injectable antimicrobials in commercial feedlot cattle and their effect on the nasopharyngeal microbiota and antimicrobial resistance. Veterinary Microbiology, 2018, 214, 140-147.	0.8	47
23	New opportunities for managing acute and chronic lung infections. Nature Reviews Microbiology, 2018, 16, 111-120.	13.6	80
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25	Emerging role of viral and bacterial co-infection in early childhood. Respirology, 2018, 23, 128-129.	1.3	3
26	Molecular Contamination and Amplification Product Inactivation. , 2018, , 505-526.		3
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32	The Host Microbiota Contributes to Early Protection Against Lung Colonization by Mycobacterium tuberculosis. Frontiers in Immunology, 2018, 9, 2656.	2.2	94
33	Anthocyanins: Nutrition and Health. Reference Series in Phytochemistry, 2018, , 1-37.	0.2	4
34	Evolution of the nasopharyngeal bacterial microbiota of beef calves from spring processing to 40 days after feedlot arrival. Veterinary Microbiology, 2018, 225, 139-148.	0.8	30
35	Microbiome Analysis. Methods in Molecular Biology, 2018, , .	0.4	13
36	Culture and Molecular Profiling of the Respiratory Tract Microbiota. Methods in Molecular Biology, 2018, 1849, 49-61.	0.4	2

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38	The role of the lung microbiota and the gut-lung axis in respiratory infectious diseases. <i>Cellular Microbiology</i> , 2018, 20, e12966.	1.1	287
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43	High-resolution analysis of the pneumococcal transcriptome under a wide range of infection-relevant conditions. <i>Nucleic Acids Research</i> , 2018, 46, 9990-10006.	6.5	85
44	The Genetics and Genomics of Asthma. <i>Annual Review of Genomics and Human Genetics</i> , 2018, 19, 223-246.	2.5	47
45	The Role of the Immune Response in the Pathogenesis of Bronchiectasis. <i>BioMed Research International</i> , 2018, 2018, 1-12.	0.9	20
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54	The Lung Microbiome in Health and Respiratory Diseases. <i>Clinical Pulmonary Medicine</i> , 2018, 25, 131-137.	0.3	3

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55	The nasopharyngeal microbiota in patients with viral respiratory tract infections is enriched in bacterial pathogens. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 1725-1733.	1.3	78
56	Impaired diversity of the lung microbiome predicts progression of idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2018, 19, 34.	1.4	64
57	Modelling upper respiratory tract diseases: getting grips on host-microbe interactions in chronic rhinosinusitis using in vitro technologies. <i>Microbiome</i> , 2018, 6, 75.	4.9	19
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68	Microbiome in the primary prevention of allergic diseases and bronchial asthma. <i>Allergologia Et Immunopathologia</i> , 2019, 47, 79-84.	1.0	9
69	Xylitol's Health Benefits beyond Dental Health: A Comprehensive Review. <i>Nutrients</i> , 2019, 11, 1813.	1.7	54
70	An integrated respiratory microbial gene catalogue to better understand the microbial aetiology of <i>Mycoplasma pneumoniae</i> pneumonia. <i>GigaScience</i> , 2019, 8, .	3.3	16
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74	Potential Strategies and Targets for the Prevention of Pediatric Asthma. <i>Immunology and Allergy Clinics of North America</i> , 2019, 39, 151-162.	0.7	6
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76	Microbial Composition of the Human Nasopharynx Varies According to Influenza Virus Type and Vaccination Status. <i>MBio</i> , 2019, 10, .	1.8	34
77	Translating Recent Microbiome Insights in Otitis Media into Probiotic Strategies. <i>Clinical Microbiology Reviews</i> , 2019, 32, .	5.7	23
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79	Shifts in the nasal microbiota of swine in response to different dosing regimens of oxytetracycline administration. <i>Veterinary Microbiology</i> , 2019, 237, 108386.	0.8	17
80	Importance of pressure plasticity during compression of probiotic tablet formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 145, 7-11.	2.0	7
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86	Probiotics and Psychobiotics: the Role of Microbial Neurochemicals. <i>Probiotics and Antimicrobial Proteins</i> , 2019, 11, 1071-1085.	1.9	62
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88	Lower Airway Microbiota. <i>Frontiers in Pediatrics</i> , 2019, 7, 393.	0.9	38
89	Examining the relationship between household air pollution and infant microbial nasal carriage in a Ghanaian cohort. <i>Environment International</i> , 2019, 133, 105150.	4.8	27
90	Exploring the microbiota of upper respiratory tract during the development of pneumonia in a mouse model. <i>PLoS ONE</i> , 2019, 14, e0222589.	1.1	18

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91	Mucosal Immune System of Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2019, 35, 431-451.	0.5	38
92	The Microbiome of an Active Meat Curing Brine. <i>Frontiers in Microbiology</i> , 2018, 9, 3346.	1.5	16
93	Anthocyanins: Nutrition and Health. <i>Reference Series in Phytochemistry</i> , 2019, , 1097-1133.	0.2	4
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95	Commensal Bacteria: An Emerging Player in Defense Against Respiratory Pathogens. <i>Frontiers in Immunology</i> , 2019, 10, 1203.	2.2	101
96	Characterization of ocular and nasopharyngeal microbiome in allergic rhinoconjunctivitis. <i>Pediatric Allergy and Immunology</i> , 2019, 30, 624-631.	1.1	34
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102	Microplastics and the gut microbiome: How chronically exposed species may suffer from gut dysbiosis. <i>Marine Pollution Bulletin</i> , 2019, 143, 193-203.	2.3	178
103	Rapid cell division of <i>Staphylococcus aureus</i> during colonization of the human nose. <i>BMC Genomics</i> , 2019, 20, 229.	1.2	22
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110	Nasal microbial composition and chronic otitis media with effusion: A case-control study. <i>PLoS ONE</i> , 2019, 14, e0212473.	1.1	20
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112	Septic patients in the intensive care unit present different nasal microbiotas. <i>Future Microbiology</i> , 2019, 14, 383-395.	1.0	4
113	Oropharyngeal Microbiome in Obstructive Sleep Apnea: Decreased Diversity and Abundance. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 1777-1788.	1.4	25
114	Exposure to atmospheric pollutants is associated with alterations of gut microbiota in spontaneously hypertensive rats. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 3484-3492.	0.8	3
115	Anterior Nares Diversity and Pathobionts Represent Sinus Microbiome in Chronic Rhinosinusitis. <i>MSphere</i> , 2019, 4, .	1.3	47
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120	Breath analysis in respiratory diseases: state-of-the-art and future perspectives. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 47-61.	1.5	18
121	Concept of microbial gatekeepers: Positive guys?. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 633-641.	1.7	20
122	Sputum Microbiome Is Associated with 1-Year Mortality after Chronic Obstructive Pulmonary Disease Hospitalizations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1205-1213.	2.5	95
123	Is Microbiota Research Advancing Our Understanding of Infection?. <i>Clinical Infectious Diseases</i> , 2019, 68, 1300-1302.	2.9	1
124	β -Defensins: Farming the Microbiome for Homeostasis and Health. <i>Frontiers in Immunology</i> , 2018, 9, 3072.	2.2	111
125	Embracing microbes in exposure science. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 1-10.	1.8	23
126	Nasal Microbiota and Respiratory Tract Infections: The Role of Viral Detection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 919-922.	2.5	12

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127	High-throughput 16S rDNA sequencing of the pulmonary microbiome of rats with allergic asthma. <i>Genes and Diseases</i> , 2020, 7, 272-282.	1.5	8
128	Nasal Pneumococcal Density Is Associated with Microaspiration and Heightened Human Alveolar Macrophage Responsiveness to Bacterial Pathogens. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 335-347.	2.5	33
129	Influence of Commensal Microbiota and Metabolite for Mucosal Immunity. , 2020, , 143-164.		1
130	The Gut Microbiota Affects Host Pathophysiology as an Endocrine Organ: A Focus on Cardiovascular Disease. <i>Nutrients</i> , 2020, 12, 79.	1.7	52
131	Systems biology and big data in asthma and allergy: recent discoveries and emerging challenges. <i>European Respiratory Journal</i> , 2020, 55, 1900844.	3.1	22
132	Panel 4: Recent advances in understanding the natural history of the otitis media microbiome and its response to environmental pressures. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 130, 109836.	0.4	16
133	Microbial interactions in the atopic march. <i>Clinical and Experimental Immunology</i> , 2019, 199, 12-23.	1.1	18
134	Probiotics and prebiotics potential for the care of skin, female urogenital tract, and respiratory tract. <i>Folia Microbiologica</i> , 2020, 65, 245-264.	1.1	63
135	A respiratory commensal bacterium acts as a risk factor for <i>Mycoplasma gallisepticum</i> infection in chickens. <i>Veterinary Immunology and Immunopathology</i> , 2020, 230, 110127.	0.5	19
136	The Nasopharyngeal and Gut Microbiota in Children in a Pediatric Otolaryngology Practice. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, e226-e233.	1.1	10
137	Altered respiratory microbiota composition and functionality associated with asthma early in life. <i>BMC Infectious Diseases</i> , 2020, 20, 697.	1.3	16
138	Lysogeny in <i>Streptococcus pneumoniae</i> . <i>Microorganisms</i> , 2020, 8, 1546.	1.6	10
139	Progression of nasopharyngeal and tracheal bacterial microbiotas of feedlot cattle during development of bovine respiratory disease. <i>Veterinary Microbiology</i> , 2020, 248, 108826.	0.8	22
140	Human nasal microbiota. <i>Current Biology</i> , 2020, 30, R1118-R1119.	1.8	6
141	Impacts of microplastics exposure on mussel (<i>Mytilus edulis</i>) gut microbiota. <i>Science of the Total Environment</i> , 2020, 745, 141018.	3.9	56
142	Nasal microbiota dominated by <i>Moraxella</i> spp. is associated with respiratory health in the elderly population: a case control study. <i>Respiratory Research</i> , 2020, 21, 181.	1.4	13
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144	Environmental shaping of the bacterial and fungal community in infant bed dust and correlations with the airway microbiota. <i>Microbiome</i> , 2020, 8, 115.	4.9	36

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145	Interplay between engineered nanomaterials and microbiota. <i>Environmental Science: Nano</i> , 2020, 7, 2454-2485.	2.2	21
146	Regulatory role of Gpr84 in the switch of alveolar macrophages from CD11b ^{lo} to CD11b ^{hi} status during lung injury process. <i>Mucosal Immunology</i> , 2020, 13, 892-907.	2.7	15
147	Vital Members in the More Dysbiotic Oropharyngeal Microbiotas in H7N9-Infected Patients. <i>Frontiers in Medicine</i> , 2020, 7, 396.	1.2	6
148	Strain-specific differences in behaviour among <i>Lactocaseibacillus rhamnosus</i> cell wall mutants during direct compression. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119755.	2.6	7
149	Early origins of lung disease: towards an interdisciplinary approach. <i>European Respiratory Review</i> , 2020, 29, 200191.	3.0	21
150	<i>Lactocaseibacillus casei</i> AMBR2 modulates the epithelial barrier function and immune response in a donor-derived nasal microbiota manner. <i>Scientific Reports</i> , 2020, 10, 16939.	1.6	15
151	Formyl peptide receptors in the mucosal immune system. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1694-1704.	3.2	26
152	Alternation of nasopharyngeal microbiota in healthy youth is associated with environmental factors: implication for respiratory diseases. <i>International Journal of Environmental Health Research</i> , 2022, 32, 952-962.	1.3	11
153	Upper Respiratory Tract Microbiome and Otitis Media Intertalk: Lessons from the Literature. <i>Journal of Clinical Medicine</i> , 2020, 9, 2845.	1.0	11
154	Antimicrobial mouthwashes (gargling) and nasal sprays to protect healthcare workers when undertaking aerosol-generating procedures (AGPs) on patients without suspected or confirmed COVID-19 infection. <i>The Cochrane Library</i> , 2020, 2020, CD013628.	1.5	19
155	The influence of air pollution on respiratory microbiome: A link to respiratory disease. <i>Toxicology Letters</i> , 2020, 334, 14-20.	0.4	35
156	<i>Dolosigranulum pigrum</i> Cooperation and Competition in Human Nasal Microbiota. <i>MSphere</i> , 2020, 5, .	1.3	65
157	Use of antimicrobial mouthwashes (gargling) and nasal sprays by healthcare workers to protect them when treating patients with suspected or confirmed COVID-19 infection. <i>The Cochrane Library</i> , 2020, 2020, CD013626.	1.5	25
158	Antimicrobial mouthwashes (gargling) and nasal sprays administered to patients with suspected or confirmed COVID-19 infection to improve patient outcomes and to protect healthcare workers treating them. <i>The Cochrane Library</i> , 2020, 2020, CD013627.	1.5	47
159	Longitudinal Changes in Early Nasal Microbiota and the Risk of Childhood Asthma. <i>Pediatrics</i> , 2020, 146, .	1.0	29
161	Evaluation of the upper airway microbiome and immune response with nasal epithelial lining fluid absorption and nasal washes. <i>Scientific Reports</i> , 2020, 10, 20618.	1.6	4
162	The human respiratory tract microbial community structures in healthy and cystic fibrosis infants. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 61.	2.9	18
163	The Microbiota/Host Immune System Interaction in the Nose to Protect from COVID-19. <i>Life</i> , 2020, 10, 345.	1.1	27

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