

Emerging pathogenic links between microbiota and the

Nature Reviews Microbiology

15, 55-63

DOI: [10.1038/nrmicro.2016.142](https://doi.org/10.1038/nrmicro.2016.142)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Dissecting the interplay between intestinal microbiota and host immunity in health and disease: Lessons learned from germfree and gnotobiotic animal models. <i>European Journal of Microbiology and Immunology</i> , 2016, 6, 253-271.	1.5	142
2	Microbiomes in respiratory health and disease: An Asia-Pacific perspective. <i>Respirology</i> , 2017, 22, 240-250.	1.3	88
3	Inflammasomes in the lung. <i>Molecular Immunology</i> , 2017, 86, 44-55.	1.0	126
4	Understanding COPD-overlap syndromes. <i>Expert Review of Respiratory Medicine</i> , 2017, 11, 285-298.	1.0	47
5	The microbiome in respiratory medicine: current challenges and future perspectives. <i>European Respiratory Journal</i> , 2017, 49, 1602086.	3.1	194
6	Lung Homeostasis: Influence of Age, Microbes, and the Immune System. <i>Immunity</i> , 2017, 46, 549-561.	6.6	196
7	Gut microbiota and host defense in critical illness. <i>Current Opinion in Critical Care</i> , 2017, 23, 257-263.	1.6	43
8	Toll-like receptors in COPD. <i>European Respiratory Journal</i> , 2017, 49, 1700739.	3.1	15
9	Bronchial inflammation and bacterial load in stable COPD is associated with TLR4 overexpression. <i>European Respiratory Journal</i> , 2017, 49, 1602006.	3.1	63
10	Emphysema and soluble CD14 are associated with pulmonary nodules in HIV-infected patients. <i>Aids</i> , 2017, 31, 1715-1720.	1.0	10
11	Dendritic cell expression of the signaling molecule TRAF6 is required for immune tolerance in the lung. <i>International Immunology</i> , 2017, 29, 71-78.	1.8	9
12	Alterations of the murine gut microbiome in allergic airway disease are independent of surfactant protein D. <i>Heliyon</i> , 2017, 3, e00262.	1.4	6
13	Microbiome effects on immunity, health and disease in the lung. <i>Clinical and Translational Immunology</i> , 2017, 6, e133.	1.7	225
14	The role of acute and chronic respiratory colonization and infections in the pathogenesis of <sc>COPD</sc>. <i>Respirology</i> , 2017, 22, 634-650.	1.3	143
15	Remote Sensing Between Liver and Intestine: Importance of Microbial Metabolites. <i>Current Pharmacology Reports</i> , 2017, 3, 101-113.	1.5	49
16	Neonatal gut microbiota induces lung immunity against pneumonia. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 263-264.	8.2	26
17	Individual Patterns of Complexity in Cystic Fibrosis Lung Microbiota, Including Predator Bacteria, over a 1-Year Period. <i>MBio</i> , 2017, 8, .	1.8	38
18	Role of microbiota on lung homeostasis and diseases. <i>Science China Life Sciences</i> , 2017, 60, 1407-1415.	2.3	53

#	ARTICLE	IF	CITATIONS
19	Toll-like receptor 2 and 4 have Opposing Roles in the Pathogenesis of Cigarette Smoke-induced Chronic Obstructive Pulmonary Disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, ajplung.00154.2.	1.3	37
20	Abnormal M1/M2 macrophage phenotype profiles in the small airway wall and lumen in smokers and chronic obstructive pulmonary disease (COPD). <i>Scientific Reports</i> , 2017, 7, 13392.	1.6	124
21	Role of the intestinal microbiota in the immunomodulation of influenza virus infection. <i>Microbes and Infection</i> , 2017, 19, 570-579.	1.0	53
22	The Relationship Between the Human Genome and Microbiome Comes into View. <i>Annual Review of Genetics</i> , 2017, 51, 413-433.	3.2	237
23	The gut-lung axis in tuberculosis. <i>Pathogens and Disease</i> , 2017, 75, .	0.8	17
24	Probiotic prevents infections in newborns. <i>Nature</i> , 2017, 548, 404-405.	13.7	12
25	<i>Helicobacter pylori</i> and its secreted immunomodulator VacA protect against anaphylaxis in experimental models of food allergy. <i>Clinical and Experimental Allergy</i> , 2017, 47, 1331-1341.	1.4	24
26	Through the Scope Darkly: The Gut Mycobiome Comes into Focus. <i>Cell Host and Microbe</i> , 2017, 22, 728-729.	5.1	18
27	Advancement in regional immunity and its clinical implication. <i>Science China Life Sciences</i> , 2017, 60, 1178-1190.	2.3	5
28	Segmented Filamentous Bacteria Provoke Lung Autoimmunity by Inducing Gut-Lung Axis Th17 Cells Expressing Dual TCRs. <i>Cell Host and Microbe</i> , 2017, 22, 697-704.e4.	5.1	150
29	Mechanisms and treatments for severe, steroid-resistant allergic airway disease and asthma. <i>Immunological Reviews</i> , 2017, 278, 41-62.	2.8	119
30	Attenuating immune pathology using a microbial-based intervention in a mouse model of cigarette smoke-induced lung inflammation. <i>Respiratory Research</i> , 2017, 18, 92.	1.4	21
31	Lung ageing and COPD: is there a role for ageing in abnormal tissue repair?. <i>European Respiratory Review</i> , 2017, 26, 170073.	3.0	130
32	The Impact of Western Diet and Nutrients on the Microbiota and Immune Response at Mucosal Interfaces. <i>Frontiers in Immunology</i> , 2017, 8, 838.	2.2	349
33	Protective Microbiota: From Localized to Long-Reaching Co-Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1678.	2.2	128
34	Early-Life Human Microbiota Associated With Childhood Allergy Promotes the T Helper 17 Axis in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1699.	2.2	14
35	Oral Probiotics Alter Healthy Feline Respiratory Microbiota. <i>Frontiers in Microbiology</i> , 2017, 8, 1287.	1.5	25
36	Balancing Herbal Medicine and Functional Food for Prevention and Treatment of Cardiometabolic Diseases through Modulating Gut Microbiota. <i>Frontiers in Microbiology</i> , 2017, 8, 2146.	1.5	148

#	ARTICLE	IF	CITATIONS
37	Desired Turbulence? Gut-Lung Axis, Immunity, and Lung Cancer. <i>Journal of Oncology</i> , 2017, 2017, 1-15.	0.6	171
38	<i>Lactobacillus paracasei</i> feeding improves immune control of influenza infection in mice. <i>PLoS ONE</i> , 2017, 12, e0184976.	1.1	76
39	First Report of Swim Bladder-Associated Microbiota in Rainbow Trout (&i>Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	0.7	0
40	Translating our microbiome into medicine. <i>Medical Journal of Australia</i> , 2017, 206, 287-288.	0.8	0
41	The nasopharyngeal microbiome. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 297-312.	1.1	14
42	Diet Pattern and Respiratory Morbidity in the Atherosclerosis Risk in Communities Study. <i>Annals of the American Thoracic Society</i> , 2018, 15, 675-682.	1.5	40
43	<i>Houttuynia cordata</i> polysaccharides ameliorate pneumonia severity and intestinal injury in mice with influenza virus infection. <i>Journal of Ethnopharmacology</i> , 2018, 218, 90-99.	2.0	77
44	Oral cholera vaccination promotes homing of IgA+ memory B cells to the large intestine and the respiratory tract. <i>Mucosal Immunology</i> , 2018, 11, 1254-1264.	2.7	34
45	The Emerging Role of the Microbiota in the ICU. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2018, , 635-647.	0.1	1
46	No effects without causes: the Iron Dysregulation and Dormant Microbes hypothesis for chronic, inflammatory diseases. <i>Biological Reviews</i> , 2018, 93, 1518-1557.	4.7	92
47	Overview and systematic review of studies of microbiome in schizophrenia and bipolar disorder. <i>Journal of Psychiatric Research</i> , 2018, 99, 50-61.	1.5	151
48	Gut microbiome contributes to impairment of immunity in pulmonary tuberculosis patients by alteration of butyrate and propionate producers. <i>Environmental Microbiology</i> , 2018, 20, 402-419.	1.8	120
49	Lung inflammation originating in the gut. <i>Science</i> , 2018, 359, 36-37.	6.0	57
50	The Gutâ€“Lung Axis and Pulmonary Responses to Ozone. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 281-282.	1.4	6
51	Of genes and microbes: solving the intricacies in host genomes. <i>Protein and Cell</i> , 2018, 9, 446-461.	4.8	34
52	The Lung Microbiota of Healthy Mice Are Highly Variable, Cluster by Environment, and Reflect Variation in Baseline Lung Innate Immunity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 497-508.	2.5	189
53	Characterisation of <i>Bergeyella</i> spp. isolated from the nasal cavities of piglets. <i>Veterinary Journal</i> , 2018, 234, 1-6.	0.6	8
54	Development of severe bronchopulmonary dysplasia is associated with alterations in fecal volatile organic compounds. <i>Pediatric Research</i> , 2018, 83, 412-419.	1.1	27

#	ARTICLE	IF	CITATIONS
55	Host-microbiota interplay in mediating immune disorders. <i>Annals of the New York Academy of Sciences</i> , 2018, 1417, 57-70.	1.8	46
56	Nonsteroidal Anti-Inflammatory Drug-Induced Leaky Gut Modeled Using Polarized Monolayers of Primary Human Intestinal Epithelial Cells. <i>ACS Infectious Diseases</i> , 2018, 4, 46-52.	1.8	44
57	Interplay between the lung microbiome and lung cancer. <i>Cancer Letters</i> , 2018, 415, 40-48.	3.2	188
58	Extracellular Vesicles: New Players in Lung Immunity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 560-565.	1.4	44
59	Personalizing the Management of Pneumonia. <i>Clinics in Chest Medicine</i> , 2018, 39, 871-900.	0.8	7
60	Schistosome Egg Migration: Mechanisms, Pathogenesis and Host Immune Responses. <i>Frontiers in Immunology</i> , 2018, 9, 3042.	2.2	134
61	Characterisation of small molecule ligands 4CMTB and 2CTAP as modulators of human FFA2 receptor signalling. <i>Scientific Reports</i> , 2018, 8, 17819.	1.6	6
62	Dysbiosis of the Salivary Microbiome Is Associated With Non-smoking Female Lung Cancer and Correlated With Immunocytochemistry Markers. <i>Frontiers in Oncology</i> , 2018, 8, 520.	1.3	69
63	The Host Microbiota Contributes to Early Protection Against Lung Colonization by <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Immunology</i> , 2018, 9, 2656.	2.2	94
64	Methylation of MTHFR Moderates the Effect of Smoking on Genomewide Methylation Among Middle Age African Americans. <i>Frontiers in Genetics</i> , 2018, 9, 622.	1.1	3
65	Therapeutic Potential of the Gut Microbiota in the Prevention and Treatment of Sepsis. <i>Frontiers in Immunology</i> , 2018, 9, 2042.	2.2	103
66	Making matters worse. <i>Nature Reviews Microbiology</i> , 2018, 16, 659-659.	13.6	0
67	Neonatal gut and respiratory microbiota: coordinated development through time and space. <i>Microbiome</i> , 2018, 6, 193.	4.9	68
68	Chronic Obstructive Pulmonary Disease and Lung Cancer: Underlying Pathophysiology and New Therapeutic Modalities. <i>Drugs</i> , 2018, 78, 1717-1740.	4.9	62
69	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
70	The human microbiota in pulmonary tuberculosis: Not so innocent bystanders. <i>Tuberculosis</i> , 2018, 113, 215-221.	0.8	20
71	Point-of-care sensors for the management of sepsis. <i>Nature Biomedical Engineering</i> , 2018, 2, 640-648.	11.6	100
72	A chemical derivatization based UHPLC-LTQ-Orbitrap mass spectrometry method for accurate quantification of short-chain fatty acids in bronchoalveolar lavage fluid of asthma mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 336-343.	1.4	20

#	ARTICLE	IF	CITATIONS
73	Diet, Microbiota and Gut-Lung Connection. <i>Frontiers in Microbiology</i> , 2018, 9, 2147.	1.5	267
74	Prevalence and dynamics of <i>Lactobacillus</i> sp. in the lower respiratory tract of patients with cystic fibrosis. <i>Research in Microbiology</i> , 2018, 169, 222-226.	1.0	9
75	Microbiota Composition and the Integration of Exogenous and Endogenous Signals in Reactive Nasal Inflammation. <i>Journal of Immunology Research</i> , 2018, 2018, 1-17.	0.9	28
76	Application of Fecal Volatile Organic Compound Analysis in Clinical Practice: Current State and Future Perspectives. <i>Chemosensors</i> , 2018, 6, 29.	1.8	11
77	Neuroimmunophysiology of the gut: advances and emerging concepts focusing on the epithelium. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 765-784.	8.2	82
78	Nasal microbiota clusters associate with inflammatory response, viral load, and symptom severity in experimental rhinovirus challenge. <i>Scientific Reports</i> , 2018, 8, 11411.	1.6	51
79	Integrative Physiology of Pneumonia. <i>Physiological Reviews</i> , 2018, 98, 1417-1464.	13.1	154
80	Gut Microbiota Contributes to Resistance Against Pneumococcal Pneumonia in Immunodeficient Rag1 ^{-/-} Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 118.	1.8	26
81	The Metabolic Sensor GPR43 Receptor Plays a Role in the Control of <i>Klebsiella pneumoniae</i> Infection in the Lung. <i>Frontiers in Immunology</i> , 2018, 9, 142.	2.2	72
82	Cow's Milk and Immune Function in the Respiratory Tract: Potential Mechanisms. <i>Frontiers in Immunology</i> , 2018, 9, 143.	2.2	48
83	New Players in Immunity to Tuberculosis: The Host Microbiome, Lung Epithelium, and Innate Immune Cells. <i>Frontiers in Immunology</i> , 2018, 9, 709.	2.2	74
84	Surviving Deadly Lung Infections: Innate Host Tolerance Mechanisms in the Pulmonary System. <i>Frontiers in Immunology</i> , 2018, 9, 1421.	2.2	37
85	Gut Microbiota: An Integral Moderator in Health and Disease. <i>Frontiers in Microbiology</i> , 2018, 9, 151.	1.5	306
86	The Human Virome Protein Cluster Database (HVPC): A Human Viral Metagenomic Database for Diversity and Function Annotation. <i>Frontiers in Microbiology</i> , 2018, 9, 1110.	1.5	20
87	LPS inactivation by a host lipase allows lung epithelial cell sensitization for allergic asthma. <i>Journal of Experimental Medicine</i> , 2018, 215, 2397-2412.	4.2	44
88	Impaired diversity of the lung microbiome predicts progression of idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2018, 19, 34.	1.4	64
89	The emerging role of the microbiota in the ICU. <i>Critical Care</i> , 2018, 22, 78.	2.5	49
90	Paradigms of Lung Microbiota Functions in Health and Disease, Particularly, in Asthma. <i>Frontiers in Physiology</i> , 2018, 9, 1168.	1.3	151

#	ARTICLE	IF	CITATIONS
91	Host genetics and microbiome associations through the lens of genome wide association studies. <i>Current Opinion in Microbiology</i> , 2018, 44, 9-19.	2.3	33
92	Lung Dysbiosis, Inflammation, and Injury in Hematopoietic Cell Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1312-1321.	2.5	42
93	Immunological corollary of the pulmonary mycobiome in bronchiectasis: the CAMEB study. <i>European Respiratory Journal</i> , 2018, 52, 1800766.	3.1	105
94	Intranasal administration of probiotic <i>Lactobacillus rhamnosus</i> GG prevents birch pollen-induced allergic asthma in a murine model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 100-110.	2.7	84
95	Soil exposure modifies the gut microbiota and supports immune tolerance in a mouse model. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1198-1206.e12.	1.5	124
96	Applications of the Soil, Plant and Rumen Microbiomes in Pastoral Agriculture. <i>Frontiers in Nutrition</i> , 2019, 6, 107.	1.6	30
97	New therapeutic targets for the prevention of infectious acute exacerbations of COPD: role of epithelial adhesion molecules and inflammatory pathways. <i>Clinical Science</i> , 2019, 133, 1663-1703.	1.8	41
98	Smoking and microbiome in oral, airway, gut and some systemic diseases. <i>Journal of Translational Medicine</i> , 2019, 17, 225.	1.8	183
99	Maternal urinary tract infection during pregnancy and long-term infectious morbidity of the offspring. <i>Early Human Development</i> , 2019, 136, 54-59.	0.8	19
100	Organ crosstalk: the potent roles of inflammation and fibrotic changes in the course of organ interactions. <i>Inflammation Research</i> , 2019, 68, 825-839.	1.6	47
101	Current Findings on Gut Microbiota Mediated Immune Modulation against Viral Diseases in Chicken. <i>Viruses</i> , 2019, 11, 681.	1.5	31
102	Microbiome-focused asthma management strategies. <i>Current Opinion in Pharmacology</i> , 2019, 46, 143-149.	1.7	15
103	IL-22 and its receptors are increased in human and experimental COPD and contribute to pathogenesis. <i>European Respiratory Journal</i> , 2019, 54, 1800174.	3.1	54
104	Interactions between microbiome and lungs: Paving new paths for microbiome based bio-engineered drug delivery systems in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2019, 310, 108732.	1.7	29
105	Peptidoglycan Recognition Protein 4 Limits Bacterial Clearance and Inflammation in Lungs by Control of the Gut Microbiota. <i>Frontiers in Immunology</i> , 2019, 10, 2106.	2.2	17
106	Houttuynia cordata polysaccharide alleviated intestinal injury and modulated intestinal microbiota in H1N1 virus infected mice. <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 187-197.	0.7	21
107	Microbiome Big-Data Mining and Applications Using Single-Cell Technologies and Metagenomics Approaches Toward Precision Medicine. <i>Frontiers in Genetics</i> , 2019, 10, 972.	1.1	26
108	Salivary calprotectin is elevated in patients with active inflammatory bowel disease. <i>Archives of Oral Biology</i> , 2019, 107, 104528.	0.8	20

#	ARTICLE	IF	CITATIONS
109	Immunomodulatory Effects of <i>Lactobacillus plantarum</i> on Inflammatory Response Induced by <i>Klebsiella pneumoniae</i> . <i>Infection and Immunity</i> , 2019, 87, .	1.0	41
110	The effects of phycocyanin on bleomycin-induced pulmonary fibrosis and the intestinal microbiota in C57BL/6 mice. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8559-8569.	1.7	19
111	Comparative analysis of the fecal microbiota from different species of domesticated and wild suids. <i>Scientific Reports</i> , 2019, 9, 13616.	1.6	30
112	Supplementation of triple viable probiotics combined with dietary intervention is associated with gut microbial improvement in humans on a high-fat diet. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 2262-2270.	0.8	13
113	Non-digestible oligosaccharides partially prevent the development of LPS-induced lung emphysema in mice. <i>PharmaNutrition</i> , 2019, 10, 100163.	0.8	9
114	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
115	Detecting right ventricular dysfunction in patients diagnosed with low-risk pulmonary embolism: is routine computed tomographic pulmonary angiography sufficient?. <i>European Heart Journal</i> , 2019, 40, 3356-3356.	1.0	4
116	Composition of gut microbiota of children and adolescents with perinatal HIV infection taking antiretroviral therapy in Zimbabwe. <i>Journal of Infectious Diseases</i> , 2020, 221, 483-492.	1.9	20
117	Feeding intolerance alters the gut microbiota of preterm infants. <i>PLoS ONE</i> , 2019, 14, e0210609.	1.1	19
118	Fungal-Bacterial Interactions in Health and Disease. <i>Pathogens</i> , 2019, 8, 70.	1.2	148
119	Novel cancer therapy targeting microbiome. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 3619-3624.	1.0	28
120	Role of Diet in Chronic Obstructive Pulmonary Disease Prevention and Treatment. <i>Nutrients</i> , 2019, 11, 1357.	1.7	122
121	Effects of <i>Lactobacillus plantarum</i> 15-1 and fructooligosaccharides on the response of broilers to pathogenic <i>Escherichia coli</i> O78 challenge. <i>PLoS ONE</i> , 2019, 14, e0212079.	1.1	32
122	Examining the Complex Relationship Between Tuberculosis and Other Infectious Diseases in Children. <i>Frontiers in Pediatrics</i> , 2019, 7, 233.	0.9	34
123	Evaluation of the effects of extracellular vesicles derived from <i>Faecalibacterium prausnitzii</i> on lung cancer cell line. <i>Biologia (Poland)</i> , 2019, 74, 889-898.	0.8	23
124	Impact of Host Genetics and Biological Response Modifiers on Respiratory Tract Infections. <i>Frontiers in Immunology</i> , 2019, 10, 1013.	2.2	16
125	Probiotics: current landscape and future horizons. <i>Future Science OA</i> , 2019, 5, FSO391.	0.9	52
126	<i>Helicobacter pylori</i> VacA Targets Myeloid Cells in the Gastric Lamina Propria To Promote Peripherally Induced Regulatory T-Cell Differentiation and Persistent Infection. <i>MBio</i> , 2019, 10, .	1.8	60

#	ARTICLE	IF	CITATIONS
127	The Gut Microbiome Signatures Discriminate Healthy From Pulmonary Tuberculosis Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 90.	1.8	89
128	Critical symbiont signals drive both local and systemic changes in diel and developmental host gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7990-7999.	3.3	31
129	Ten questions concerning the built environment and mental health. <i>Building and Environment</i> , 2019, 155, 58-69.	3.0	68
130	Cell type and receptor identity regulate cholera toxin subunit B (CTB) internalization. <i>Interface Focus</i> , 2019, 9, 20180076.	1.5	25
131	Microbes, metabolites, and the gut-lung axis. <i>Mucosal Immunology</i> , 2019, 12, 843-850.	2.7	540
133	The lung microbiome, vitamin D, and the tuberculous granuloma: A balance triangle. <i>Microbial Pathogenesis</i> , 2019, 131, 158-163.	1.3	28
134	Elevated Gut Microbiome-Derived Propionate Levels Are Associated With Reduced Sterile Lung Inflammation and Bacterial Immunity in Mice. <i>Frontiers in Microbiology</i> , 2019, 10, 159.	1.5	51
135	Effects of Mediterranean Diet and Physical Activity on Pulmonary Function: A Cross-Sectional Analysis in the ILERVAS Project. <i>Nutrients</i> , 2019, 11, 329.	1.7	22
136	Cigarette Smoke Induces Intestinal Inflammation via a Th17 Cell-Neutrophil Axis. <i>Frontiers in Immunology</i> , 2019, 10, 75.	2.2	33
137	TRAIL signals through the ubiquitin ligase MID1 to promote pulmonary fibrosis. <i>BMC Pulmonary Medicine</i> , 2019, 19, 31.	0.8	20
138	Effect of temperature and time on the thanatomicrobiome of the cecum, ileum, kidney, and lung of domestic rabbits. <i>Journal of Veterinary Diagnostic Investigation</i> , 2019, 31, 155-163.	0.5	17
139	<i>Lactobacillus rhamnosus</i> GG can protect malnourished children. <i>Beneficial Microbes</i> , 2019, 10, 237-244.	1.0	17
140	Mechanisms and immunomodulatory properties of pre- and probiotics. <i>Beneficial Microbes</i> , 2019, 10, 225-236.	1.0	38
141	Changes in the Composition of the Gut Microbiota and the Blood Transcriptome in Preterm Infants at Less than 29 Weeks Gestation Diagnosed with Bronchopulmonary Dysplasia. <i>MSystems</i> , 2019, 4, .	1.7	23
142	COPD and the gut-lung axis: the therapeutic potential of fibre. <i>Journal of Thoracic Disease</i> , 2019, 11, S2173-S2180.	0.6	64
143	Dysbiosis of the Gut Microbiome is associated with Tumor Biomarkers in Lung Cancer. <i>International Journal of Biological Sciences</i> , 2019, 15, 2381-2392.	2.6	114
144	Mucosal delivery of tuberculosis vaccines: a review of current approaches and challenges. <i>Expert Review of Vaccines</i> , 2019, 18, 1271-1284.	2.0	37
145	Lung Microbiome in Asthma: Current Perspectives. <i>Journal of Clinical Medicine</i> , 2019, 8, 1967.	1.0	51

#	ARTICLE	IF	CITATIONS
146	Comparison of Free and Bound Advanced Glycation End Products in Food: A Review on the Possible Influence on Human Health. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 14007-14018.	2.4	63
147	Lung and Gut Microbiota as Potential Hidden Driver of Immunotherapy Efficacy in Lung Cancer. <i>Mediators of Inflammation</i> , 2019, 2019, 1-10.	1.4	39
148	The microbiome. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 412-420.	0.9	22
149	Convergence of Medicines: West Meets East in Newly-Discovered Organs and Functions. <i>Chinese Journal of Integrative Medicine</i> , 2019, 25, 323-326.	0.7	2
150	Environmental Factors, Gut Microbiota, and Colorectal Cancer Prevention. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 275-289.	2.4	194
151	Impact of gut microbiota on gut distal autoimmunity: a focus on T cells. <i>Immunology</i> , 2019, 156, 305-318.	2.0	38
152	Short-chain fatty acids increase TNF α -induced inflammation in primary human lung mesenchymal cells through the activation of p38 MAPK. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L157-L174.	1.3	39
153	Heparin-binding epidermal growth factor (HB-EGF) drives EMT in patients with COPD: implications for disease pathogenesis and novel therapies. <i>Laboratory Investigation</i> , 2019, 99, 150-157.	1.7	25
154	The Human Microbiota and Asthma. <i>Clinical Reviews in Allergy and Immunology</i> , 2019, 57, 350-363.	2.9	92
155	Role of Microbiome in Lung Injury. , 2019, , 97-113.		0
156	Invited Review: From nose to gut – the role of the microbiome in neurological disease. <i>Neuropathology and Applied Neurobiology</i> , 2019, 45, 195-215.	1.8	71
157	Roles for T/B lymphocytes and ILC2s in experimental chronic obstructive pulmonary disease. <i>Journal of Leukocyte Biology</i> , 2018, 105, 143-150.	1.5	55
158	Differences in gut microbiome composition between persons with chronic schizophrenia and healthy comparison subjects. <i>Schizophrenia Research</i> , 2019, 204, 23-29.	1.1	157
159	The developing gut–lung axis: postnatal growth restriction, intestinal dysbiosis, and pulmonary hypertension in a rodent model. <i>Pediatric Research</i> , 2020, 87, 472-479.	1.1	37
160	The impact of lung microbiota dysbiosis on inflammation. <i>Immunology</i> , 2020, 159, 156-166.	2.0	45
161	Alterations in Oral Microbiota in HIV Are Related to Decreased Pulmonary Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 445-457.	2.5	42
162	Hypoxia-inducible factor and bacterial infections in chronic obstructive pulmonary disease. <i>Respirology</i> , 2020, 25, 53-63.	1.3	37
163	Are We Meeting the Promise of Endotypes and Precision Medicine in Asthma?. <i>Physiological Reviews</i> , 2020, 100, 983-1017.	13.1	62

#	ARTICLE	IF	CITATIONS
164	Dietary Patterns, Asthma, and Lung Function in the Hispanic Community Health Study/Study of Latinos. <i>Annals of the American Thoracic Society</i> , 2020, 17, 293-301.	1.5	29
165	Rapid and direct molecular detection of <i>Streptococcus pneumoniae</i> and <i>Haemophilus influenzae</i> isolated in oropharynx and nasal cavity of children. <i>New Microbes and New Infections</i> , 2020, 33, 100632.	0.8	1
166	Photoperiod Manipulation Affects Transcriptional Profile of Genes Related to Lipid Metabolism and Apoptosis in Zebrafish (<i>Danio rerio</i>) Larvae: Potential Roles of Gut Microbiota. <i>Microbial Ecology</i> , 2020, 79, 933-946.	1.4	16
167	Peptidomic Investigation of the Interplay between Enzymatic Tenderization and the Digestibility of Beef Semimembranosus Proteins. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1136-1146.	2.4	35
168	The interaction of intestinal microbiota and innate lymphoid cells in health and disease throughout life. <i>Immunology</i> , 2020, 159, 39-51.	2.0	62
169	Interactions between probiotics and pathogenic microorganisms in hosts and foods: A review. <i>Trends in Food Science and Technology</i> , 2020, 95, 205-218.	7.8	141
170	Isolated Hyponatremic Dehydration in the Setting of COVID-19 Associated Gastroenteritis in a Toddler. <i>JPGN Reports</i> , 2020, 1, e002.	0.2	0
171	Human Respiratory and Gut Microbiomes Do They Really Contribute to Respiratory Health?. <i>Frontiers in Pediatrics</i> , 2020, 8, 528.	0.9	11
172	Antibiotics Disturb Dentin Formation and Differentiation of Dental Pulp Stem Cells: The Role of Microbiota in Cellular Turnover of Mouse Incisor. <i>Stem Cells International</i> , 2020, 2020, 1-9.	1.2	1
173	Effects of phycocyanin on pulmonary and gut microbiota in a radiation-induced pulmonary fibrosis model. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110826.	2.5	32
174	Multi-Omics Approaches: The Key to Improving Respiratory Health in People With Cystic Fibrosis?. <i>Frontiers in Pharmacology</i> , 2020, 11, 569821.	1.6	12
175	The potential application of probiotics and prebiotics for the prevention and treatment of COVID-19. <i>Npj Science of Food</i> , 2020, 4, 17.	2.5	135
176	The impact of COVID-19 on intestinal flora. <i>Medicine (United States)</i> , 2020, 99, e22273.	0.4	4
177	Dynamic Interplay Between Microbiota and Mucosal Immunity in Early Shaping of Asthma and its Implication for the COVID-19 Pandemic. <i>Journal of Asthma and Allergy</i> , 2020, Volume 13, 369-383.	1.5	5
178	Dietary nutrients shape gut microbes and intestinal mucosa via epigenetic modifications. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 783-797.	5.4	59
180	SARS-CoV-2 induces transcriptional signatures in human lung epithelial cells that promote lung fibrosis. <i>Respiratory Research</i> , 2020, 21, 182.	1.4	146
181	Characterization of the lung microbiome and exploration of potential bacterial biomarkers for lung cancer. <i>Translational Lung Cancer Research</i> , 2020, 9, 693-704.	1.3	49
182	Fecal microbial transplantation and a high fiber diet attenuates emphysema development by suppressing inflammation and apoptosis. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1128-1139.	3.2	53

#	ARTICLE	IF	CITATIONS
183	Preterm birth and sustained inflammation: consequences for the neonate. <i>Seminars in Immunopathology</i> , 2020, 42, 451-468.	2.8	123
184	Disease-associated gut microbiome and metabolome changes in patients with chronic obstructive pulmonary disease. <i>Nature Communications</i> , 2020, 11, 5886.	5.8	194
185	Exposure to a combination of silica nanoparticles and low-dose radiation aggravates lung fibrosis in mice <i>via</i> gut microbiota modulation. <i>Environmental Science: Nano</i> , 2020, 7, 3979-3998.	2.2	7
186	A Pilot Study: Changes of Intestinal Microbiota of Patients With Non-small Cell Lung Cancer in Response to Osimertinib Therapy. <i>Frontiers in Microbiology</i> , 2020, 11, 583525.	1.5	4
187	Effects of a Fermented Dairy Drink Containing <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> CNCM I-1518 (<i>Lactobacillus casei</i> CNCM I-1518) and the Standard Yogurt Cultures on the Incidence, Duration, and Severity of Common Infectious Diseases: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2020, 12, 3443.	1.7	13
188	Bile Acid Signal Molecules Associate Temporally with Respiratory Inflammation and Microbiome Signatures in Clinically Stable Cystic Fibrosis Patients. <i>Microorganisms</i> , 2020, 8, 1741.	1.6	13
189	Effect of probiotics, prebiotics and synbiotics for chronic bronchitis or chronic obstructive pulmonary disease. <i>Medicine (United States)</i> , 2020, 99, e23045.	0.4	3
190	Can phytotherapy with polyphenols serve as a powerful approach for the prevention and therapy tool of novel coronavirus disease 2019 (COVID-19)?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E689-E708.	1.8	51
191	Early Life Microbiota and Respiratory Tract Infections. <i>Cell Host and Microbe</i> , 2020, 28, 223-232.	5.1	61
192	Coronavirus Disease of 2019: a Mimicker of Dengue Infection?. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 1109-1119.	0.3	32
193	Gastrointestinal and hepatic manifestations of Corona Virus Disease-19 and their relationship to severe clinical course: A systematic review and meta-analysis. <i>Indian Journal of Gastroenterology</i> , 2020, 39, 268-284.	0.7	41
194	Corona Virus Disease-19 pandemic: The gastroenterologistsâ€™ perspective. <i>Indian Journal of Gastroenterology</i> , 2020, 39, 220-231.	0.7	20
195	Microbiomic Analysis on Low Abundant Respiratory Biomass Samples; Improved Recovery of Microbial DNA From Bronchoalveolar Lavage Fluid. <i>Frontiers in Microbiology</i> , 2020, 11, 572504.	1.5	16
196	Airway Natural Killer Cells and Bacteria in Health and Disease. <i>Frontiers in Immunology</i> , 2020, 11, 585048.	2.2	15
197	Strategies for Feeding Unweaned Dairy Beef Cattle to Improve Their Health. <i>Animals</i> , 2020, 10, 1908.	1.0	8
198	Microbiota and Lung Cancer. Opportunities and Challenges for Improving Immunotherapy Efficacy. <i>Frontiers in Oncology</i> , 2020, 10, 568939.	1.3	15
199	Cell free bacterial DNAs in human plasma provide fingerprints for immune-related diseases. <i>Medicine in Microecology</i> , 2020, 5, 100022.	0.7	3
200	Probiotics in Treatment of Viral Respiratory Infections and Neuroinflammatory Disorders. <i>Molecules</i> , 2020, 25, 4891.	1.7	50

#	ARTICLE	IF	CITATIONS
201	The Inflammasome in Times of COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 583373.	2.2	92
202	New drugs under development for COPD. <i>Expert Opinion on Emerging Drugs</i> , 2020, 25, 419-431.	1.0	13
203	A protein interaction map identifies existing drugs targeting SARS-CoV-2. <i>BMC Pharmacology & Toxicology</i> , 2020, 21, 65.	1.0	18
204	Microbiota dysbiosis in lung cancer: evidence of association and potential mechanisms. <i>Translational Lung Cancer Research</i> , 2020, 9, 1554-1568.	1.3	33
205	Induction of the Antiviral Immune Response and Its Circumvention by Coronaviruses. <i>Viruses</i> , 2020, 12, 1039.	1.5	7
206	Insights into the Role of Bioactive Food Ingredients and the Microbiome in Idiopathic Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6051.	1.8	16
207	Letter: role of probiotics in the COVID-19 pandemic—authors' reply. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 933-934.	1.9	1
208	Metagenome analysis using serum extracellular vesicles identified distinct microbiota in asthmatics. <i>Scientific Reports</i> , 2020, 10, 15125.	1.6	20
209	The Gut Microbiota and Respiratory Diseases: New Evidence. <i>Journal of Immunology Research</i> , 2020, 2020, 1-12.	0.9	116
210	Role of probiotics to combat viral infections with emphasis on COVID-19. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8089-8104.	1.7	122
211	The role of the microbiome and the NLRP3 inflammasome in the gut and lung. <i>Journal of Leukocyte Biology</i> , 2020, 108, 925-935.	1.5	58
212	Baseline Gut Microbiota Composition Is Associated With <i>Schistosoma mansoni</i> Infection Burden in Rodent Models. <i>Frontiers in Immunology</i> , 2020, 11, 593838.	2.2	21
213	Premises among SARS-CoV-2, dysbiosis and diarrhea: Walking through the ACE2/mTOR/autophagy route. <i>Medical Hypotheses</i> , 2020, 144, 110243.	0.8	30
215	Mild heat stress changes the microbiota diversity in the respiratory tract and the cecum of layer-type pullets. <i>Poultry Science</i> , 2020, 99, 7015-7026.	1.5	19
216	COVID-19: Is there a role for immunonutrition in obese patient?. <i>Journal of Translational Medicine</i> , 2020, 18, 415.	1.8	49
217	Intestinal Barrier Function in Health and Disease—Any Role of SARS-CoV-2?. <i>Microorganisms</i> , 2020, 8, 1744.	1.6	31
218	Host-microbe cross-talk in the lung microenvironment: implications for understanding and treating chronic lung disease. <i>European Respiratory Journal</i> , 2020, 56, 1902320.	3.1	17
219	Gu-Ben-Fang-Xiao Decoction Ameliorated Murine Asthma in Remission Stage by Modulating Microbiota-Acetate-Tregs Axis. <i>Frontiers in Pharmacology</i> , 2020, 11, 549.	1.6	21

#	ARTICLE	IF	CITATIONS
220	The Detection of Bile Acids in the Lungs of Paediatric Cystic Fibrosis Patients Is Associated with Altered Inflammatory Patterns. <i>Diagnostics</i> , 2020, 10, 282.	1.3	16
221	2019 Novel Coronavirus Infection: Gastrointestinal Manifestations. <i>Journal of Digestive Endoscopy</i> , 2020, 11, 13-18.	0.1	16
222	Bowel movement frequency and risks of major vascular and non-vascular diseases: a population-based cohort study among Chinese adults. <i>BMJ Open</i> , 2020, 10, e031028.	0.8	7
223	Strengthening the Immune System and Reducing Inflammation and Oxidative Stress through Diet and Nutrition: Considerations during the COVID-19 Crisis. <i>Nutrients</i> , 2020, 12, 1562.	1.7	488
224	Novelty in the gut: a systematic review and meta-analysis of the gastrointestinal manifestations of COVID-19. <i>BMJ Open Gastroenterology</i> , 2020, 7, e000417.	1.1	72
225	<i>Lactobacillus rhamnosus</i> probiotic prevents airway function deterioration and promotes gut microbiome resilience in a murine asthma model. <i>Gut Microbes</i> , 2020, 11, 1729-1744.	4.3	39
226	Emerging therapeutic targets and preclinical models for severe asthma. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 845-857.	1.5	5
227	Co-infection of <i>Salmonella enteritidis</i> with H9N2 avian influenza virus in chickens. <i>Avian Pathology</i> , 2020, 49, 496-506.	0.8	28
228	Altered gut microbiota in infants is associated with respiratory syncytial virus disease severity. <i>BMC Microbiology</i> , 2020, 20, 140.	1.3	38
229	Three Cases of COVID-19 Disease With Colonic Manifestations. <i>American Journal of Gastroenterology</i> , 2020, 115, 948-950.	0.2	41
230	Hyponatremia: A possible immuno-neuroendocrine interface with COVID-19 in a kidney transplant recipient. <i>Transplant Infectious Disease</i> , 2020, 22, e13355.	0.7	11
231	Intestinal Flora as a Potential Strategy to Fight SARS-CoV-2 Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 1388.	1.5	78
232	Traumatic Spinal Cord Injury and the Gut Microbiota: Current Insights and Future Challenges. <i>Frontiers in Immunology</i> , 2020, 11, 704.	2.2	31
233	Modulation of Gut Microbiota, Short-Chain Fatty Acid Production, and Inflammatory Cytokine Expression in the Cecum of Porcine Deltacoronavirus-Infected Chicks. <i>Frontiers in Microbiology</i> , 2020, 11, 897.	1.5	17
234	Dual function of sialic acid in gastrointestinal SARS-CoV-2 infection. <i>Environmental Toxicology and Pharmacology</i> , 2020, 79, 103436.	2.0	20
235	Intestinal Dysbiosis and the Developing Lung: The Role of Toll-Like Receptor 4 in the Gut-Lung Axis. <i>Frontiers in Immunology</i> , 2020, 11, 357.	2.2	23
236	Fermented black barley ameliorates lung injury induced by cooking oil fumes via antioxidant activity and regulation of the intestinal microbiome in mice. <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110473.	2.9	13
237	Specific gut microbiome signature predicts the early-stage lung cancer. <i>Gut Microbes</i> , 2020, 11, 1030-1042.	4.3	138

#	ARTICLE	IF	CITATIONS
238	Hepatic and gastrointestinal involvement in coronavirus disease 2019 (COVID-19): What do we know till now?. Arab Journal of Gastroenterology, 2020, 21, 3-8.	0.4	116
239	The relationship between obstructive sleep apnea syndrome and obesity: A new perspective on the pathogenesis in terms of organ crosstalk. Clinical Respiratory Journal, 2020, 14, 595-604.	0.6	63
240	Gut Dysbiosis during Influenza Contributes to Pulmonary Pneumococcal Superinfection through Altered Short-Chain Fatty Acid Production. Cell Reports, 2020, 30, 2934-2947.e6.	2.9	221
241	The mechanism and treatment of gastrointestinal symptoms in patients with COVID-19. American Journal of Physiology - Renal Physiology, 2020, 319, G245-G252.	1.6	120
242	The use of fecal microbiota transplant in sepsis. Translational Research, 2020, 226, 12-25.	2.2	25
243	Microbiota Modulating Nutritional Approaches to Countering the Effects of Viral Respiratory Infections Including SARS-CoV-2 through Promoting Metabolic and Immune Fitness with Probiotics and Plant Bioactives. Microorganisms, 2020, 8, 921.	1.6	46
244	Impact of the Local Inflammatory Environment on Mucosal Vitamin D Metabolism and Signaling in Chronic Inflammatory Lung Diseases. Frontiers in Immunology, 2020, 11, 1433.	2.2	21
245	Host responses to mucosal biofilms in the lung and gut. Mucosal Immunology, 2020, 13, 413-422.	2.7	37
246	The Cross-Talk Between Gut Microbiota and Lungs in Common Lung Diseases. Frontiers in Microbiology, 2020, 11, 301.	1.5	229
247	The Role of Lung and Gut Microbiota in the Pathology of Asthma. Immunity, 2020, 52, 241-255.	6.6	329
248	Immune protection is dependent on the gut microbiome in a lethal mouse gammaherpesviral infection. Scientific Reports, 2020, 10, 2371.	1.6	18
249	The microbiota and immune-mediated diseases: Opportunities for therapeutic intervention. European Journal of Immunology, 2020, 50, 326-337.	1.6	39
250	The Inflammation Superhighway. , 2020, , 131-150.		2
251	The effects of proton pump inhibitors on the microbiome in young children. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 1531-1538.	0.7	45
252	Clinical Characteristics of COVID-19 Patients With Digestive Symptoms in Hubei, China: A Descriptive, Cross-Sectional, Multicenter Study. American Journal of Gastroenterology, 2020, 115, 766-773.	0.2	1,358
253	Treatment efficacy analysis of traditional Chinese medicine for novel coronavirus pneumonia (COVID-19): an empirical study from Wuhan, Hubei Province, China. Chinese Medicine, 2020, 15, 34.	1.6	125
254	Angiotensin-Converting Enzyme 2: SARS-CoV-2 Receptor and Regulator of the Renin-Angiotensin System. Circulation Research, 2020, 126, 1456-1474.	2.0	1,478
255	Impact of diet and the bacterial microbiome on the mucous barrier and immune disorders. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 714-734.	2.7	66

#	ARTICLE	IF	CITATIONS
256	Distinct Clinical Pathology and Microbiota in Chronic Rhinosinusitis With Nasal Polyps Endotypes. <i>Laryngoscope</i> , 2021, 131, E34-E44.	1.1	17
257	Inflammation Triggered by SARS-CoV-2 and ACE2 Augment Drives Multiple Organ Failure of Severe COVID-19: Molecular Mechanisms and Implications. <i>Inflammation</i> , 2021, 44, 13-34.	1.7	162
258	Mechanisms linking the human gut microbiome to prophylactic and treatment strategies for COVID-19. <i>British Journal of Nutrition</i> , 2021, 126, 219-227.	1.2	50
259	Abdominal pelvic CT findings compared between COVID-19 positive and COVID-19 negative patients in the emergency department setting. <i>Abdominal Radiology</i> , 2021, 46, 1498-1505.	1.0	11
260	Gut Microbiota: the Emerging Link to Lung Homeostasis and Disease. <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	29
261	The Protective Effects of <i>Helicobacter pylori</i> Infection on Allergic Asthma. <i>International Archives of Allergy and Immunology</i> , 2021, 182, 53-64.	0.9	26
262	Is a healthy microbiome responsible for lower mortality in COVID-19?. <i>Biologia (Poland)</i> , 2021, 76, 819-829.	0.8	24
263	The dynamic association between COVID-19 and chronic disorders: An updated insight into prevalence, mechanisms and therapeutic modalities. <i>Infection, Genetics and Evolution</i> , 2021, 87, 104647.	1.0	60
264	Potential effects of SARS-CoV-2 on the gastrointestinal tract and liver. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111064.	2.5	62
265	Variations in fecal microbial profiles of acute exacerbations and stable chronic obstructive pulmonary disease. <i>Life Sciences</i> , 2021, 265, 118738.	2.0	14
266	SARS-CoV-2 infection, gut dysbiosis, and heterogeneous clinical results of hydroxychloroquine on COVID-19 therapy: Is there a link?. <i>Nutrition</i> , 2021, 85, 111115.	1.1	8
267	Human β -defensin 2 suppresses key features of asthma in murine models of allergic airways disease. <i>Clinical and Experimental Allergy</i> , 2021, 51, 120-131.	1.4	19
268	Pulmonary fibrosis alters gut microbiota and associated metabolites in mice: An integrated 16S and metabolomics analysis. <i>Life Sciences</i> , 2021, 264, 118616.	2.0	23
269	Safety considerations when managing gastro-esophageal reflux disease in infants. <i>Expert Opinion on Drug Safety</i> , 2021, 20, 37-49.	1.0	8
270	Comparative analysis of the pulmonary microbiome in healthy and diseased pigs. <i>Molecular Genetics and Genomics</i> , 2021, 296, 21-31.	1.0	12
271	Metagenomics analysis of the gut microbiome in healthy and bacterial pneumonia forest musk deer. <i>Genes and Genomics</i> , 2021, 43, 43-53.	0.5	13
272	Antibiotic-Associated Diarrhea and Update on Probiotics Recommendations. , 2021, , 141-166.		0
273	Microbiota Metabolites Can be Effective at Tuberculosis: Pneumatization of Lung Tissue Damaged by Tuberculosis Process. , 2021, , 95-95.		0

#	ARTICLE	IF	CITATIONS
274	Changes in the gut microbiome and metabolome in a rat model of pulmonary arterial hypertension. <i>Bioengineered</i> , 2021, 12, 5173-5183.	1.4	24
275	Intestinal Microbiota in the SARS-CoV-2 Infection: What Is Known?. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1327, 93-106.	0.8	2
276	Potential Role of Gut Microbiota in Traditional Chinese Medicine against COVID-19. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 785-803.	1.5	18
277	The Gut Microbiome in Serious Mental Illnesses. <i>The Microbiomes of Humans, Animals, Plants, and the Environment</i> , 2021, , 243-263.	0.2	1
278	Associations of faecal microbiota with influenza-like illness in participants aged 60 years or older: an observational study. <i>The Lancet Healthy Longevity</i> , 2021, 2, e13-e23.	2.0	17
279	Crosstalk Between Lung and Extrapulmonary Organs in Infection and Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1303, 333-350.	0.8	7
280	Highly abundant core taxa in the blow within and across captive bottlenose dolphins provide evidence for a temporally stable airway microbiota. <i>BMC Microbiology</i> , 2021, 21, 20.	1.3	5
281	Baicalin ameliorates <i>Mycoplasma gallisepticum</i> -induced inflammatory injury in the chicken lung through regulating the intestinal microbiota and phenylalanine metabolism. <i>Food and Function</i> , 2021, 12, 4092-4104.	2.1	33
282	The lung-gut axis during viral respiratory infections: the impact of gut dysbiosis on secondary disease outcomes. <i>Mucosal Immunology</i> , 2021, 14, 296-304.	2.7	160
283	Role of the Microbiome in Interstitial Lung Diseases. <i>Frontiers in Medicine</i> , 2021, 8, 595522.	1.2	29
284	Intestinal Inflammation as a Dysbiosis of Energy Procurement: New Insights into an Old Topic. <i>Gut Microbes</i> , 2021, 13, 1-20.	4.3	13
285	Altered gut microbial metabolites could mediate the effects of risk factors in Covid-19. <i>Reviews in Medical Virology</i> , 2021, 31, 1-13.	3.9	40
286	Childhood Obesity and Respiratory Diseases: Which Link?. <i>Children</i> , 2021, 8, 177.	0.6	23
287	Asthma-COPD overlap: current understanding and the utility of experimental models. <i>European Respiratory Review</i> , 2021, 30, 190185.	3.0	23
288	Microbiota Modulation of the Gut-Lung Axis in COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 635471.	2.2	138
289	Milk Fat Globule Membrane Supplementation in Children: Systematic Review with Meta-Analysis. <i>Nutrients</i> , 2021, 13, 714.	1.7	16
290	Digestive system involvement of infections with SARS-CoV-2 and other coronaviruses: Clinical manifestations and potential mechanisms. <i>World Journal of Gastroenterology</i> , 2021, 27, 561-575.	1.4	3
291	Could nutritional supplements act as therapeutic adjuvants in COVID-19?. <i>Italian Journal of Pediatrics</i> , 2021, 47, 32.	1.0	31

#	ARTICLE	IF	CITATIONS
292	16S rRNA gene sequencing of rectal swab in patients affected by COVID-19. <i>PLoS ONE</i> , 2021, 16, e0247041.	1.1	36
293	Gut Microbiota Community Shift with Severity of Coronary Artery Disease. <i>Engineering</i> , 2021, 7, 1715-1724.	3.2	4
294	Effect of gut microbiota on LPS-induced acute lung injury by regulating the TLR4/NF- κ B signaling pathway. <i>International Immunopharmacology</i> , 2021, 91, 107272.	1.7	191
295	The gut microbiome: a missing link in understanding the gastrointestinal manifestations of COVID-19?. <i>Journal of Physical Education and Sports Management</i> , 2021, 7, a006031.	0.5	22
297	Impact of Altered Gut Microbiota and Its Metabolites in Cystic Fibrosis. <i>Metabolites</i> , 2021, 11, 123.	1.3	33
298	Effects of Antibiotic Treatment and Probiotics on the Gut Microbiome of 40 Infants Delivered Before Term by Cesarean Section Analysed by Using 16S rRNA Quantitative Polymerase Chain Reaction Sequencing. <i>Medical Science Monitor</i> , 2021, 27, e928467.	0.5	10
299	Determining available strategies for prevention and therapy: Exploring COVID-19 from the perspective of ACE2 (Review). <i>International Journal of Molecular Medicine</i> , 2021, 47, .	1.8	8
300	Gastrointestinal symptoms are associated with severity of coronavirus disease 2019: a systematic review and meta-analysis. <i>European Journal of Gastroenterology and Hepatology</i> , 2022, 34, 168-176.	0.8	36
301	Characteristic gut microbiota and metabolic changes in patients with pulmonary tuberculosis. <i>Microbial Biotechnology</i> , 2022, 15, 262-275.	2.0	25
302	Gentamicin Induced Microbiome Adaptations Associate With Increased BCAA Levels and Enhance Severity of Influenza Infection. <i>Frontiers in Immunology</i> , 2020, 11, 608895.	2.2	8
303	New Insights Into the Physiopathology of COVID-19: SARS-CoV-2-Associated Gastrointestinal Illness. <i>Frontiers in Medicine</i> , 2021, 8, 640073.	1.2	45
304	Plasma Biomarkers of Risk of Tuberculosis Recurrence in HIV Co-Infected Patients From South Africa. <i>Frontiers in Immunology</i> , 2021, 12, 631094.	2.2	7
305	The risk of community-acquired pneumonia in children using gastric acid suppressants. <i>European Respiratory Journal</i> , 2021, 58, 2003229.	3.1	9
306	Oral probiotics in coronavirus disease 2019: connecting the gut-lung axis to viral pathogenesis, inflammation, secondary infection and clinical trials. <i>New Microbes and New Infections</i> , 2021, 40, 100837.	0.8	55
307	Gut-Lung Axis in COVID-19. <i>Interdisciplinary Perspectives on Infectious Diseases</i> , 2021, 2021, 1-6.	0.6	26
308	The Diversity of the Intestinal Flora Disturbed After Feeding Intolerance Recovery in Preterm Twins. <i>Frontiers in Pediatrics</i> , 2021, 9, 648979.	0.9	4
310	A murine model of tuberculosis/type 2 diabetes comorbidity for investigating the microbiome, metabolome and associated immune parameters. <i>Animal Models and Experimental Medicine</i> , 2021, 4, 181-188.	1.3	6
311	Immunosuppressive effect of mesenchymal stem cells on lung and gut CD8 ⁺ T cells in lipopolysaccharide-induced acute lung injury in mice. <i>Cell Proliferation</i> , 2021, 54, e13028.	2.4	31

#	ARTICLE	IF	CITATIONS
312	Engineered liposomes targeting the gut-CNS Axis for comprehensive therapy of spinal cord injury. <i>Journal of Controlled Release</i> , 2021, 331, 390-403.	4.8	11
313	Harnessing the Microbiome to Optimize Surgical Outcomes in the COVID-19 Era. <i>Annals of Surgery Open</i> , 2021, 2, e056.	0.7	0
314	Porcine reproductive and respiratory syndrome virus impacts on gut microbiome in a strain virulence-dependent fashion. <i>Microbial Biotechnology</i> , 2022, 15, 1007-1016.	2.0	9
315	Fecal Microbiota Transplantation during and Post-COVID-19 Pandemic. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3004.	1.8	25
316	The Interplay between the Gut Microbiome and the Immune System in the Context of Infectious Diseases throughout Life and the Role of Nutrition in Optimizing Treatment Strategies. <i>Nutrients</i> , 2021, 13, 886.	1.7	100
317	The Effects of Corticosteroids on the Respiratory Microbiome: A Systematic Review. <i>Frontiers in Medicine</i> , 2021, 8, 588584.	1.2	19
318	The Role of Oat Nutrients in the Immune System: A Narrative Review. <i>Nutrients</i> , 2021, 13, 1048.	1.7	37
319	Microbiome-immune interactions in tuberculosis. <i>PLoS Pathogens</i> , 2021, 17, e1009377.	2.1	28
320	Effect of rifaximin on gut-lung axis in mice infected with influenza A virus. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2021, 75, 101611.	0.7	9
321	Modulation of gut microbiota protects against viral respiratory tract infections: a systematic review of animal and clinical studies. <i>European Journal of Nutrition</i> , 2021, 60, 4151-4174.	1.8	25
322	Gut mycobiota alterations in patients with COVID-19 and H1N1 infections and their associations with clinical features. <i>Communications Biology</i> , 2021, 4, 480.	2.0	62
323	The Role of Microbiome and Virome in Idiopathic Pulmonary Fibrosis. <i>Biomedicines</i> , 2021, 9, 442.	1.4	10
326	Lung immune tone via gut-lung axis: gut-derived LPS and short-chain fatty acids™ immunometabolic regulation of lung IL-1 β , FFAR2, and FFAR3 expression. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L65-L78.	1.3	60
327	Asthma in the Precision Medicine Era: Biologics and Probiotics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4528.	1.8	35
328	The Habitat Filters of Microbiota-Nourishing Immunity. <i>Annual Review of Immunology</i> , 2021, 39, 1-18.	9.5	21
329	The Potential Role of Probiotics in Protection against Influenza a Virus Infection in Mice. <i>Foods</i> , 2021, 10, 902.	1.9	24
330	COVID-19: The Unprecedented Malady- A Holistic Review. <i>Coronaviruses</i> , 2021, 2, 172-181.	0.2	0
331	Diversity of Microbial Signatures in Asthmatic Airways. <i>International Journal of General Medicine</i> , 2021, Volume 14, 1367-1378.	0.8	10

#	ARTICLE	IF	CITATIONS
332	COVID-19 and the gastrointestinal tract: source of infection or merely a target of the inflammatory process following SARS-CoV-2 infection?. <i>World Journal of Gastroenterology</i> , 2021, 27, 1406-1418.	1.4	32
333	From the Role of Microbiota in Gut-Lung Axis to SARS-CoV-2 Pathogenesis. <i>Mediators of Inflammation</i> , 2021, 2021, 1-12.	1.4	17
334	Microbiota and Metabolites as Factors Influencing Blood Pressure Regulation. , 2021, 11, 1731-1757.		3
335	Pathophysiological Correlation between Cigarette Smoking and Amyotrophic Lateral Sclerosis. <i>NeuroSci</i> , 2021, 2, 120-134.	0.4	1
336	Intestinal Infection Is Associated With Impaired Lung Innate Immunity to Secondary Respiratory Infection. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab237.	0.4	2
337	Aggravation of airway inflammation in RSV-infected asthmatic mice following infection-induced alteration of gut microbiota. <i>Annals of Palliative Medicine</i> , 2021, 10, 5084-5097.	0.5	10
338	Diverse Immunological Factors Influencing Pathogenesis in Patients with COVID-19: A Review on Viral Dissemination, Immunotherapeutic Options to Counter Cytokine Storm and Inflammatory Responses. <i>Pathogens</i> , 2021, 10, 565.	1.2	57
339	The Airway Pathobiome in Complex Respiratory Diseases: A Perspective in Domestic Animals. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 583600.	1.8	16
340	Anaerobe-enriched gut microbiota predicts pro-inflammatory responses in pulmonary tuberculosis. <i>EBioMedicine</i> , 2021, 67, 103374.	2.7	22
341	Gut Microbiota, in the Halfway between Nutrition and Lung Function. <i>Nutrients</i> , 2021, 13, 1716.	1.7	41
342	Constituents, Pharmacokinetics, and Pharmacology of Gegen-Qinlian Decoction. <i>Frontiers in Pharmacology</i> , 2021, 12, 668418.	1.6	29
343	Balancing the benefits of antimicrobial therapy with the threat of antimicrobial resistance development. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 377-378.	0.3	1
344	Gut Microbiota May Not Be Fully Restored in Recovered COVID-19 Patients After 3-Month Recovery. <i>Frontiers in Nutrition</i> , 2021, 8, 638825.	1.6	33
345	Role of Atypical Chemokines and Chemokine Receptors Pathways in the Pathogenesis of COPD. <i>Current Medicinal Chemistry</i> , 2021, 28, 2577-2653.	1.2	11
346	The microbiota-mediated dietary and nutritional interventions for COVID-19. <i>Clinical Immunology</i> , 2021, 226, 108725.	1.4	32
347	The Human Microbiome, an Emerging Key-Player in the Sex Gap in Respiratory Diseases. <i>Frontiers in Medicine</i> , 2021, 8, 600879.	1.2	10
348	Perspectives for systems biology in the management of tuberculosis. <i>European Respiratory Review</i> , 2021, 30, 200377.	3.0	13
349	Microbiota and Tuberculosis: A Potential Role of Probiotics, and Postbiotics. <i>Frontiers in Nutrition</i> , 2021, 8, 626254.	1.6	25

#	ARTICLE	IF	CITATIONS
350	Severe COVID-19 in pediatric age: an update on the role of the anti-rheumatic agents. <i>Pediatric Rheumatology</i> , 2021, 19, 68.	0.9	7
351	Role of lung and gut microbiota on lung cancer pathogenesis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 2177-2186.	1.2	78
352	Intestinal Microbiotaâ€”A Promising Target for Antiviral Therapy?. <i>Frontiers in Immunology</i> , 2021, 12, 676232.	2.2	18
353	Priming with intranasal lactobacilli prevents <i>Pseudomonas aeruginosa</i> acute pneumonia in mice. <i>BMC Microbiology</i> , 2021, 21, 195.	1.3	17
354	Silicon dioxide nanoparticles induced neurobehavioral impairments by disrupting microbiotaâ€”gutâ€”brain axis. <i>Journal of Nanobiotechnology</i> , 2021, 19, 174.	4.2	34
355	A comprehensive review on clinical and mechanistic pathophysiological aspects of COVID-19 Malady: How far have we come?. <i>Virology Journal</i> , 2021, 18, 120.	1.4	6
356	Effect of Cigarette Smoke on Gut Microbiota: State of Knowledge. <i>Frontiers in Physiology</i> , 2021, 12, 673341.	1.3	73
357	Microbial dysbiosis and epigenetics modulation in cancer development â€” A chemopreventive approach. <i>Seminars in Cancer Biology</i> , 2022, 86, 666-681.	4.3	13
358	Inactivation of common airborne antigens by perfluoroalkyl chemicals modulates early life allergic asthma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	8
359	Diabetes and coronavirus (SARS-CoV-2): Molecular mechanism of Metformin intervention and the scientific basis of drug repurposing. <i>PLoS Pathogens</i> , 2021, 17, e1009634.	2.1	43
360	Virome in the Lungs: The Role of Anelloviruses in Childhood Respiratory Diseases. <i>Microorganisms</i> , 2021, 9, 1357.	1.6	19
361	Lung microbiome alterations in NSCLC patients. <i>Scientific Reports</i> , 2021, 11, 11736.	1.6	25
362	Gut microbiota and bronchopulmonary dysplasia. <i>Pediatric Pulmonology</i> , 2021, 56, 2460-2470.	1.0	2
363	Systems Biology and Bile Acid Signalling in Microbiome-Host Interactions in the Cystic Fibrosis Lung. <i>Antibiotics</i> , 2021, 10, 766.	1.5	4
364	Emulating the gutâ€”liver axis: Dissecting the microbiome's effect on drug metabolism using multiorgan-on-chip models. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2021, 18, 94-101.	0.6	12
365	Impact of Probiotic Bacteria on Respiratory Allergy Disorders. <i>Frontiers in Microbiology</i> , 2021, 12, 688137.	1.5	12
366	Immunomodulation by radiotherapy in tumour control and normal tissue toxicity. <i>Nature Reviews Immunology</i> , 2022, 22, 124-138.	10.6	81
367	Gut Microbiome Modulation by Antibiotics in Adult Asthma: A Human Proof-of-Concept Intervention Trial. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, 1404-1407.e4.	2.4	3

#	ARTICLE	IF	CITATIONS
368	Analysis of gut microbiota in three species belonging to different genera (<i>Hemitragus</i> , <i>Pseudois</i> , and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i> 2021, 11, 12129-12140.	0.8	3
369	Review: Effect of Gut Microbiota and Its Metabolite SCFAs on Radiation-Induced Intestinal Injury. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 577236.	1.8	38
370	Microbiome dysbiosis and epigenetic modulations in lung cancer: From pathogenesis to therapy. <i>Seminars in Cancer Biology</i> , 2022, 86, 732-742.	4.3	23
371	Gastrointestinal and hepatic diseases during the COVID-19 pandemic: Manifestations, mechanism and management. <i>World Journal of Gastroenterology</i> , 2021, 27, 4504-4535.	1.4	17
372	Altered oral and gut microbiota and its association with SARS-CoV-2 viral load in COVID-19 patients during hospitalization. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 61.	2.9	121
373	Is Regular Probiotic Practice Safe for Management of Sepsis?. <i>Chinese Journal of Integrative Medicine</i> , 2022, 28, 185-192.	0.7	5
374	Obesity-Induced Dysbiosis Exacerbates IFN- β Production and Pulmonary Inflammation in the <i>Mycobacterium tuberculosis</i> Infection. <i>Cells</i> , 2021, 10, 1732.	1.8	6
375	Gut Microbiota, Probiotics, and Their Interactions in Prevention and Treatment of Atopic Dermatitis: A Review. <i>Frontiers in Immunology</i> , 2021, 12, 720393.	2.2	63
376	Staphylococcal trafficking and infection from nose to gut and back. <i>FEMS Microbiology Reviews</i> , 2022, 46, .	3.9	37
378	Remarkable gastrointestinal and liver manifestations of COVID-19: A clinical and radiologic overview. <i>World Journal of Clinical Cases</i> , 2021, 9, 4969-4979.	0.3	3
379	Recent advance of ACE2 and microbiota dysfunction in COVID-19 pathogenesis. <i>Heliyon</i> , 2021, 7, e07548.	1.4	15
380	Host factors facilitating SARS-CoV-2 virus infection and replication in the lungs. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 5953-5976.	2.4	19
381	The lung microbiome: progress and promise. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	64
382	Probiotics in Prevention and Treatment of COVID-19: Current Perspective and Future Prospects. <i>Archives of Medical Research</i> , 2021, 52, 582-594.	1.5	44
383	The Role of Gut Microbiota in Lung Cancer: From Carcinogenesis to Immunotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 720842.	1.3	35
384	Autoimmunity and COVID-19 – The microbial connection. <i>Autoimmunity Reviews</i> , 2021, 20, 102865.	2.5	25
385	A population-based study on associations of stool microbiota with atopic diseases in school-age children. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 612-620.	1.5	29
386	Intestinal microbiota and immunity. Possibilities of multistrain probiotics in the correction of immune status in children. <i>Meditsinskiy Sovet</i> , 2021, , 156-164.	0.1	0

#	ARTICLE	IF	CITATIONS
387	The Association between Early Gram-Negative Bacteria in Tracheal Aspirate Cultures and Severe Bronchopulmonary Dysplasia among Extremely Preterm Infants Requiring Prolonged Ventilation. American Journal of Perinatology, 2021, , .	0.6	2
388	Therapeutic implications of SARS-CoV-2 dysregulation of the gut-brain-lung axis. World Journal of Gastroenterology, 2021, 27, 4763-4783.	1.4	9
389	Risk of gastric cancer in chronic obstructive pulmonary disease. European Journal of Cancer Prevention, 2022, 31, 326-332.	0.6	2
390	Specific Gut Microbiome and Serum Metabolome Changes in Lung Cancer Patients. Frontiers in Cellular and Infection Microbiology, 2021, 11, 725284.	1.8	46
391	Human Microbiota Network: Unveiling Potential Crosstalk between the Different Microbiota Ecosystems and Their Role in Health and Disease. Nutrients, 2021, 13, 2905.	1.7	26
392	Koumiss promotes <i>Mycobacterium</i> bovis infection by disturbing intestinal flora and inhibiting endoplasmic reticulum stress. FASEB Journal, 2021, 35, e21777.	0.2	4
393	Microbiota as a potentially-modifiable factor influencing COVID-19. Current Opinion in Virology, 2021, 49, 21-26.	2.6	14
394	Tonic interferon restricts pathogenic IL-17-driven inflammatory disease via balancing the microbiome. ELife, 2021, 10, .	2.8	20
395	GeGen QinLian decoction alleviate influenza virus infectious pneumonia through intestinal flora. Biomedicine and Pharmacotherapy, 2021, 141, 111896.	2.5	28
396	Symbiosis and Dysbiosis of the Human Mycobiome. Frontiers in Microbiology, 2021, 12, 636131.	1.5	16
397	Role of the gut microbiome in chronic diseases: a narrative review. European Journal of Clinical Nutrition, 2022, 76, 489-501.	1.3	168
398	Diarrhoea and preadmission antibiotic exposure in COVID-19: a retrospective cohort study of 1153 hospitalised patients. BMJ Open Gastroenterology, 2021, 8, e000593.	1.1	1
399	Gut microbiota, dysbiosis and atrial fibrillation. Arrhythmogenic mechanisms and potential clinical implications. Cardiovascular Research, 2022, 118, 2415-2427.	1.8	45
400	Tumor Immunology and Immunotherapy of Non-Small-Cell Lung Cancer. Cold Spring Harbor Perspectives in Medicine, 2022, 12, a037895.	2.9	24
401	Intestinal congestion and reperfusion injury: damage caused to the intestinal tract and distal organs. Bioscience Reports, 2021, 41, .	1.1	6
402	Low pathogenic avian influenza virus infection retards colon microbiota diversification in two different chicken lines. Animal Microbiome, 2021, 3, 64.	1.5	11
403	The Gut-Lung Axis in Cystic Fibrosis. Journal of Bacteriology, 2021, 203, e0031121.	1.0	44
404	Patient Nutrition and Probiotic Therapy in COVID-19: What Do We Know in 2021?. Nutrients, 2021, 13, 3385.	1.7	20

#	ARTICLE	IF	CITATIONS
405	Coronavirus disease 2019 and the gut-lung axis. <i>International Journal of Infectious Diseases</i> , 2021, 113, 300-307.	1.5	23
406	Polysaccharides from <i>Dendrobium officinale</i> ameliorate colitis-induced lung injury via inhibiting inflammation and oxidative stress. <i>Chemico-Biological Interactions</i> , 2021, 347, 109615.	1.7	33
407	Gut Microbiota Modulation as a Potential Target for the Treatment of Lung Infections. <i>Frontiers in Pharmacology</i> , 2021, 12, 724033.	1.6	20
409	Coccidia-Microbiota Interactions and Their Effects on the Host. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 751481.	1.8	22
410	Protective effects of gut microbiota and gut microbiota-derived acetate on chicken colibacillosis induced by avian pathogenic <i>Escherichia coli</i> . <i>Veterinary Microbiology</i> , 2021, 261, 109187.	0.8	11
411	Necrotizing enterocolitis and the gut-lung axis. <i>Seminars in Perinatology</i> , 2021, 45, 151454.	1.1	11
412	Alterations of gut microbiota in patients with active pulmonary tuberculosis in China: a pilot study. <i>International Journal of Infectious Diseases</i> , 2021, 111, 313-321.	1.5	14
413	The role of microbiota in respiratory health and diseases, particularly in tuberculosis. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112108.	2.5	22
414	Gastrointestinal Tract and COVID-19. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2022, , 127-140.	0.1	1
415	Gut microbiota influence tumor development and Alter interactions with the human immune system. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 42.	3.5	71
416	Letter to the Editor: Microbiota in the Respiratory System—A Possible Explanation to Age and Sex Variability in Susceptibility to SARS-CoV-2. <i>Microbiology Insights</i> , 2021, 14, 117863612098860.	0.9	6
417	Enhancing Pathogen Resistance: The Gut Microbiota and Malaria. , 2022, , 143-167.		2
418	Unraveling the Interconnection Patterns Across Lung Microbiome, Respiratory Diseases, and COVID-19. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 619075.	1.8	16
419	Could Perturbation of Gut Microbiota Possibly Exacerbate the Severity of COVID-19 via Cytokine Storm?. <i>Frontiers in Immunology</i> , 2020, 11, 607734.	2.2	48
420	Epithelial Dysfunction in Lung Diseases: Effects of Amino Acids and Potential Mechanisms. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1265, 57-70.	0.8	16
421	Gut Microbiota and Lung Injury. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1238, 55-72.	0.8	34
422	Respiratory Bacterial Microbiota in Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2020, 36, 297-320.	0.5	36
423	The Human Microbiota, Infectious Disease, and Global Health: Challenges and Opportunities. <i>ACS Infectious Diseases</i> , 2018, 4, 14-26.	1.8	34

#	ARTICLE	IF	CITATIONS
424	Gut microbiome a promising target for management of respiratory diseases. <i>Biochemical Journal</i> , 2020, 477, 2679-2696.	1.7	28
425	Bacterial association and comparison between lung and intestine in rats. <i>Bioscience Reports</i> , 2020, 40, .	1.1	8
426	ACE2 as therapeutic agent. <i>Clinical Science</i> , 2020, 134, 2581-2595.	1.8	7
427	Unpuzzling COVID-19: tissue-related signaling pathways associated with SARS-CoV-2 infection and transmission. <i>Clinical Science</i> , 2020, 134, 2137-2160.	1.8	68
430	Chronic cigarette smoke exposure induces systemic hypoxia that drives intestinal dysfunction. <i>JCI Insight</i> , 2018, 3, .	2.3	103
431	Eosinophils promote inducible NOS-mediated lung allograft acceptance. <i>JCI Insight</i> , 2017, 2, .	2.3	22
432	Granulocyte-CSF links destructive inflammation and comorbidities in obstructive lung disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 2406-2418.	3.9	51
433	Sampling the lung microbiome. , 2019, , 1-17.		4
434	Vendor effects on murine gut microbiota and its influence on lipopolysaccharide-induced lung inflammation and Gram-negative pneumonia. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 47.	0.9	12
435	Effect of antibiotic gut microbiota disruption on LPS-induced acute lung inflammation. <i>PLoS ONE</i> , 2020, 15, e0241748.	1.1	17
436	Potential Role of the Lung Microbiome in Shaping Asthma Phenotypes. <i>Annals of the American Thoracic Society</i> , 2017, 14, S326-S331.	1.5	31
437	Gut Microbiome in Critical Illness (Review). <i>Obshchaya Reanimatologiya</i> , 2018, 14, 96-119.	0.2	23
438	COVID-19'ÜN SÄ°NDÄ°RÄ°M SÄ°STEMÄ° ÅœZERÄ°NE ETKÄ°LERÄ°. <i>Ankara EÄ°itim Ve AraÅ°tırma Hastanesi TÄ±p Dergisi</i> , 2020, 76-81.	0.1	1
439	Microbiota and human diseases: dietary correction. <i>Rossiyskiy Vestnik Perinatologii I Pediatrii</i> , 2020, 65, 116-125.	0.1	11
440	Should we treat every infant with a probiotic?. <i>Minerva Pediatrica</i> , 2019, 71, 253-262.	2.6	6
441	Role of Lung Microbiome in Innate Immune Response Associated With Chronic Lung Diseases. <i>Frontiers in Medicine</i> , 2020, 7, 554.	1.2	43
442	Is Gut Microbiota Dysbiosis a Predictor of Increased Susceptibility to Poor Outcome of COVID-19 Patients? An Update. <i>Microorganisms</i> , 2021, 9, 53.	1.6	36
443	Alteration of Lung and Gut Microbiota in IL-13-Transgenic Mice Simulating Chronic Asthma. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1819-1826.	0.9	15

#	ARTICLE	IF	CITATIONS
444	Lung microbiome – a modern knowledge. Central-European Journal of Immunology, 2020, 45, 342-345.	0.4	10
445	Obesity and diabetes as comorbidities for COVID-19: Underlying mechanisms and the role of viral–bacterial interactions. ELife, 2020, 9, .	2.8	69
446	Bioinformatics Algorithms and Software for Predicting Microbiomes. , 2021, , 275-296.		0
447	Overview on Human Gut Microbiome and its Role in Immunomodulation. , 2021, , 69-82.		2
448	Gastrointestinal Bleeding, but Not Other Gastrointestinal Symptoms, Is Associated With Worse Outcomes in COVID-19 Patients. Frontiers in Medicine, 2021, 8, 759152.	1.2	12
449	The gut microbiome as a biomarker of differential susceptibility to SARS-CoV-2. Trends in Molecular Medicine, 2021, 27, 1115-1134.	3.5	37
450	Cross-talk between immune system and microbiota in COVID-19. Expert Review of Gastroenterology and Hepatology, 2021, 15, 1281-1294.	1.4	26
451	Gut microbiota dysbiosis contributes to the development of chronic obstructive pulmonary disease. Respiratory Research, 2021, 22, 274.	1.4	56
452	Gastrointestinal, hepatic and pancreatic manifestations of COVID-19 in children. Clinics and Research in Hepatology and Gastroenterology, 2022, 46, 101818.	0.7	13
453	Role of Gut Microbiome in COVID-19: An Insight Into Pathogenesis and Therapeutic Potential. Frontiers in Immunology, 2021, 12, 765965.	2.2	46
454	Clinical Features and Pathophysiological Mechanisms of COVID-19-associated Gastrointestinal Manifestations. Euroasian Journal of Hepato-gastroenterology, 2021, 11, 81-86.	0.1	1
456	A Link between Chronic Kidney Disease and Gut Microbiota in Immunological and Nutritional Aspects. Nutrients, 2021, 13, 3637.	1.7	26
457	A metagenomic study of the gut microbiome in PTB–TMS disease. Microbes and Infection, 2022, 24, 104893.	1.0	6
458	Maternal gut microbiome regulates immunity to RSV infection in offspring. Journal of Experimental Medicine, 2021, 218, .	4.2	22
459	Gut Microbiota Contributes to Host Defense Against Klebsiella pneumoniae-Induced Liver Abscess. Journal of Inflammation Research, 2021, Volume 14, 5215-5225.	1.6	10
460	Viral Inactivation Impacts Microbiome Estimates in a Tissue-Specific Manner. MSystems, 2021, 6, e0067421.	1.7	1
461	Anti-Inflammatory Properties of Fructo-Oligosaccharides in a Calf Lung Infection Model and in Mannheimia haemolytica-Infected Airway Epithelial Cells. Nutrients, 2021, 13, 3514.	1.7	5
462	Intermodulation of gut-lung axis microbiome and the implications of biotics to combat COVID-19. Journal of Biomolecular Structure and Dynamics, 2021, , 1-17.	2.0	7

#	ARTICLE	IF	CITATIONS
463	Prospects of using adaptive phage therapy in the rehabilitation of post-COVID-19 patients. <i>Physical and Rehabilitation Medicine Medical Rehabilitation</i> , 2021, 3, 254-259.	0.1	1
464	Emerging cellular and molecular interactions between the lung microbiota and lung diseases. <i>Critical Reviews in Microbiology</i> , 2021, , 1-34.	2.7	1
466	Systems biology in inflammatory bowel diseases: on the way to precision medicine. <i>Annals of Gastroenterology</i> , 2019, 32, 233-246.	0.4	7
467	Extrapulmonary Gastrointestinal Presentation of Coronavirus (COVID-19): A Case Report and Review of Literature. <i>Cureus</i> , 2020, 12, e8104.	0.2	1
468	The Influence and Treatment of the Intestinal Microbiome on Child Respiratory Diseases. <i>Infectious Microbes & Diseases</i> , 2020, 2, 107-114.	0.5	0
469	Pathology of the digestive tract and liver with COVID-19. <i>Ekspiermental'naya I Klinicheskaya Gastroenterologiya</i> , 2020, 174, 19-23.	0.1	5
470	Low lung function in the developing world is analogous to stunting: a review of the evidence. <i>Wellcome Open Research</i> , 2020, 5, 147.	0.9	0
472	Childhood asthma: pathogenesis and phenotypes. <i>European Respiratory Journal</i> , 2022, 59, 2100731.	3.1	27
473	Alterations of lung microbial communities in obese allergic asthma and metabolic potential. <i>PLoS ONE</i> , 2021, 16, e0256848.	1.1	2
474	Microbial community networks across body sites are associated with susceptibility to respiratory infections in infants. <i>Communications Biology</i> , 2021, 4, 1233.	2.0	12
475	<i>LactobacillusÂplantarum</i> induces innate cytokine responses that potentially provide a protective benefit against COVIDâ€19: A singleâ€arm, doubleâ€blind, prospective trial combined with an <i>inÂvitro</i> cytokine response assay. <i>Experimental and Therapeutic Medicine</i> , 2021, 23, 20.	0.8	21
476	<i>Polygonum chinense</i> water decoction lessens acute lung injury in mice induced by influenza virus. <i>Pharmacognosy Magazine</i> , 2020, 16, 600.	0.3	1
477	Yanning Syrup ameliorates the lipopolysaccharide-induced inflammation: Adjusting the gut microbiota, short-chain fatty acids, and the CD4+ T cell balance. <i>Journal of Ethnopharmacology</i> , 2022, 283, 114729.	2.0	15
478	Inflammatory Bowel Disease and Obstructive Pulmonary Disease: A Two-way Association?. <i>Cureus</i> , 2020, 12, e6836.	0.2	2
480	The respiratory system, the microbiome and nutrition â€“ new frontiers. <i>Medic Ro</i> , 2020, 6, 46.	0.0	1
481	Should We Fiddle with Gut Microbiome in Critically Ill?. <i>Indian Journal of Critical Care Medicine</i> , 2020, 24, S211-S214.	0.3	0
482	Association of Intestinal Microbial Dysbiosis With Chronic Obstructive Pulmonary Disease. <i>Cureus</i> , 2021, 13, e19343.	0.2	8
483	Low lung function in the developing world is analogous to stunting: a review of the evidence. <i>Wellcome Open Research</i> , 0, 5, 147.	0.9	2

#	ARTICLE	IF	CITATIONS
484	Steroid resistance and concomitant respiratory infections: A challenging battle in pulmonary clinic. EXCLI Journal, 2017, 16, 981-985.	0.5	4
485	More of the Gut in the Lung: How Two Microbiomes Meet in ARDS. Yale Journal of Biology and Medicine, 2018, 91, 143-149.	0.2	33
486	When human cells meet bacteria: precision medicine for cancers using the microbiota. American Journal of Cancer Research, 2018, 8, 1157-1175.	1.4	9
488	Manifestations of COVID-19 in pregnant women with focus on gastrointestinal symptoms: a systematic review. Gastroenterology and Hepatology From Bed To Bench, 2020, 13, 305-312.	0.6	2
489	Coronavirus (SARS-CoV-2) in gastroenterology and its current epidemiological situation: An updated review until January 2021. EXCLI Journal, 2021, 20, 366-385.	0.5	3
490	Dietary Fibers: Effects, Underlying Mechanisms and Possible Role in Allergic Asthma Management. Nutrients, 2021, 13, 4153.	1.7	17
491	A microRNA-21-mediated SATB1/S100A9/NF- κ B axis promotes chronic obstructive pulmonary disease pathogenesis. Science Translational Medicine, 2021, 13, eaav7223.	5.8	54
492	Dynamic Process of Secondary Pulmonary Infection in Mice With Intracerebral Hemorrhage. Frontiers in Immunology, 2021, 12, 767155.	2.2	13
494	COVID-19 as a trigger of irritable bowel syndrome: A review of potential mechanisms. World Journal of Gastroenterology, 2021, 27, 7433-7445.	1.4	37
495	Disease Tolerance during Viral-Bacterial Co-Infections. Viruses, 2021, 13, 2362.	1.5	7
496	The Influence of <i>FUT2</i> and <i>FUT3</i> Polymorphisms and Nasopharyngeal Microbiome on Respiratory Infections in Breastfed Bangladeshi Infants from the Microbiota and Health Study. MSphere, 2021, 6, e0068621.	1.3	7
497	Intestinal viral infections of nSARS-CoV2 in the Indian community: Risk of virus spread in India. Journal of Medical Virology, 2022, 94, 1315-1329.	2.5	3
498	An overview of the ongoing challenges in SARS-CoV-2 global control. German Journal of Microbiology, 2021, 1, 1-18.	0.3	17
499	The Gut Microbiota and Immunopathophysiology. , 2021, , .		0
500	Bacterial Gut Microbiota and Infections During Early Childhood. Frontiers in Microbiology, 2021, 12, 793050.	1.5	11
501	The role of gut microbiota in infectious diseases. WIREs Mechanisms of Disease, 2022, 14, e1551.	1.5	4
502	Screening and Analysis of Probiotic Actinobacteria in Poultry Farming. Springer Protocols, 2022, , 563-569.	0.1	1
503	Interstitial Fluid Behavior and Diseases. Advanced Science, 2022, 9, e2100617.	5.6	9

#	ARTICLE	IF	CITATIONS
504	Pathologic basis of coronavirus disease 2019 (COVID-19) – An overview of cellular affinities, pathogenesis, clinical manifestations, autopsy findings and sequelae. <i>Annals of Cytology and Pathology</i> , 2020, , 078-083.	0.3	1
505	Exposure to the gut microbiota from cigarette smoke-exposed mice exacerbates cigarette smoke extract-induced inflammation in zebrafish larvae. <i>Current Research in Immunology</i> , 2021, 2, 229-236.	1.2	0
506	Why is it worth remembering the lung microbiome in ICU patients?. <i>Anaesthesiology Intensive Therapy</i> , 2021, 53, 466-474.	0.4	2
507	Treatment and Prevention of Viral Infections through Nutrition and Strengthened Immunity: The COVID-19 Pandemic Case Scenario. <i>Pakistan Journal of Biological Sciences</i> , 2022, 25, 106-111.	0.2	0
508	Specific Regulatory Motifs Network in SARS-CoV-2-Infected Caco-2 Cell Line, as a Model of Gastrointestinal Infections. <i>Cellular Reprogramming</i> , 2022, 24, 26-37.	0.5	4
511	The Role of the Microbiome in Asthma Inception and Phenotype. <i>Respiratory Medicine</i> , 2022, , 85-146.	0.1	1
512	Probiotic improves symptomatic and viral clearance in Covid19 outpatients: a randomized, quadruple-blinded, placebo-controlled trial. <i>Gut Microbes</i> , 2022, 14, 2018899.	4.3	100
513	Control of antibiotic resistance and superinfections as a strategy to manage COVID-19 deaths. , 2022, , 507-530.		0
514	Metagenomic Exploration of Koumiss from Kazakhstan. <i>Microbiology Resource Announcements</i> , 2022, 11, e0108221.	0.3	4
515	Gut microbiome alterations in hereditary angioedema. <i>Annals of Allergy, Asthma and Immunology</i> , 2022, , .	0.5	2
516	A Novel Immunobiotics <i>Bacteroides dorei</i> Ameliorates Influenza Virus Infection in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 828887.	2.2	13
517	GSDMB is increased in IBD and regulates epithelial restitution/repair independent of pyroptosis. <i>Cell</i> , 2022, 185, 283-298.e17.	13.5	86
518	Gut-lung cross talk in COVID-19 pathology and fatality rate. , 2022, , 41-59.		1
519	Relationship between gut microbiota and lung function decline in patients with chronic obstructive pulmonary disease: a 1-year follow-up study. <i>Respiratory Research</i> , 2022, 23, 10.	1.4	31
520	Pulmonary Immune Dysregulation and Viral Persistence During HIV Infection. <i>Frontiers in Immunology</i> , 2021, 12, 808722.	2.2	23
521	Gut Microbiome and Organ Fibrosis. <i>Nutrients</i> , 2022, 14, 352.	1.7	20
522	Association of gut-related metabolites with respiratory symptoms in COVID-19: A proof-of-concept study. <i>Nutrition</i> , 2022, 96, 111585.	1.1	6
523	Bacterial colonization and TH17 immunity are shaped by intestinal sialylation in neonatal mice. <i>Glycobiology</i> , 2022, 32, 414-428.	1.3	4

#	ARTICLE	IF	CITATIONS
524	Role of oxidative stress in the pathogenesis of COPD. <i>Minerva Medica</i> , 2022, 113, .	0.3	30
525	Oral Administration of Water Extract from <i>Euglena gracilis</i> Alters the Intestinal Microbiota and Prevents Lung Carcinoma Growth in Mice. <i>Nutrients</i> , 2022, 14, 678.	1.7	5
526	Altered Ecology of the Respiratory Tract Microbiome and Nosocomial Pneumonia. <i>Frontiers in Microbiology</i> , 2021, 12, 709421.	1.5	9
527	The impact of the COVID-19 pandemic on lifestyle behaviors in children and adolescents: an international overview. <i>Italian Journal of Pediatrics</i> , 2022, 48, 22.	1.0	32
528	Anti-Inflammatory and Anti-asthmatic Effects of TMDCT Decoction in Eosinophilic Asthma Through Treg/Th17 Balance. <i>Frontiers in Pharmacology</i> , 2022, 13, 819728.	1.6	11
529	Lung microbiome, gut-lung axis and chronic obstructive pulmonary disease. <i>Current Opinion in Pulmonary Medicine</i> , 2022, 28, 134-138.	1.2	8
530	Microbiome Research and Multi-Omics Integration for Personalized Medicine in Asthma. <i>Journal of Personalized Medicine</i> , 2021, 11, 1299.	1.1	9
533	Role of Brain-Gut-Microbiome Axis in Depression Comorbid with Asthma. , 2022, , 135-151.		1
534	<i>Lactobacillus rhamnosus</i> modulates the inflammatory response and the subsequent lung damage in a murine model of acute lung inflammation. <i>Clinics</i> , 2022, 77, 100021.	0.6	6
535	Immunoregulatory Intestinal Microbiota and COVID-19 in Patients with Type Two Diabetes: A Double-Edged Sword. <i>Viruses</i> , 2022, 14, 477.	1.5	18
536	Potential role of gut microbiota in patients with COVID-19, its relationship with lung axis, central nervous system (CNS) axis, and improvement with probiotic therapy. <i>Iranian Journal of Microbiology</i> , 0, , .	0.8	1
537	Health Benefits of Probiotics in Sport and Exercise - Non-existent or a Matter of Heterogeneity? A Systematic Review. <i>Frontiers in Nutrition</i> , 2022, 9, 804046.	1.6	5
538	Antibiotic Exposure, Common Morbidities and Main Intestinal Microbial Groups in Very Preterm Neonates: A Pilot Study. <i>Antibiotics</i> , 2022, 11, 237.	1.5	2
539	Contrast enhanced ultrasonography (CEUS) a novel tool to detect intestinal epithelial barrier dysfunction in severe COVID-19 disease. <i>Clinical Hemorheology and Microcirculation</i> , 2022, , 1-14.	0.9	1
540	Bovine Animal Model for Studying the Maternal Microbiome, in utero Microbial Colonization and Their Role in Offspring Development and Fetal Programming. <i>Frontiers in Microbiology</i> , 2022, 13, 854453.	1.5	13
541	Intestinal Flora: A Potential Mechanism by Which Yinlai Decoction Treats Lipopolysaccharide-Induced Pneumonia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-11.	0.5	0
542	Alterations in the Gut Microbiome of Individuals With Tuberculosis of Different Disease States. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 836987.	1.8	7
544	Fermented Food in Asthma and Respiratory Allergies—Chance or Failure?. <i>Nutrients</i> , 2022, 14, 1420.	1.7	3

#	ARTICLE	IF	CITATIONS
545	Targeting the Pulmonary Microbiota to Fight against Respiratory Diseases. <i>Cells</i> , 2022, 11, 916.	1.8	10
546	<i>Bacillus</i> -Based Direct-Fed Microbial Reduces the Pathogenic Synergy of a Coinfection with <i>Salmonella enterica</i> Serovar Choleraesuis and Porcine Reproductive and Respiratory Syndrome Virus. <i>Infection and Immunity</i> , 2022, 90, e0057421.	1.0	7
547	Diagnostic, Prognostic, and Therapeutic Roles of Gut Microbiota in COVID-19: A Comprehensive Systematic Review. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 804644.	1.8	40
549	Correlation Analysis of the Microbiome and Immune Function in the Lung-Gut Axis of Critically Ill Patients in the ICU. <i>Frontiers in Medicine</i> , 2022, 9, 808302.	1.2	4
550	Positive Effects of Neutrophil Elastase Inhibitor (Sivelestat) on Gut Microbiome and Metabolite Profiles of Septic Rats. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 818391.	1.8	5
551	A Randomised, Double-Blind, Placebo-Controlled Trial Evaluating Concentrated Phytochemical-Rich Nutritional Capsule in Addition to a Probiotic Capsule on Clinical Outcomes among Individuals with COVID-19—The UK Phyto-V Study. <i>Covid</i> , 2022, 2, 433-449.	0.7	7
552	Impact of COVID-19 on the Gastrointestinal Tract: A Clinical Review. <i>Cureus</i> , 2022, 14, e23333.	0.2	15
553	Age-Related Intestinal Dysbiosis and Enrichment of Gut-specific Bacteria in the Lung Are Associated With Increased Susceptibility to <i>Streptococcus pneumoniae</i> Infection in Mice. <i>Frontiers in Aging</i> , 2022, 3, .	1.2	2
554	The potential utility of fecal (or intestinal) microbiota transplantation in controlling infectious diseases. <i>Gut Microbes</i> , 2022, 14, 2038856.	4.3	16
555	Nasal Microbiome Change During and After Exacerbation in Asthmatic Children. <i>Frontiers in Microbiology</i> , 2021, 12, 833726.	1.5	8
556	Modulated Gut Microbiota for Potential COVID-19 Prevention and Treatment. <i>Frontiers in Medicine</i> , 2022, 9, 811176.	1.2	14
557	The gut microbiota mediates protective immunity against tuberculosis <i>via</i> modulation of lncRNA. <i>Gut Microbes</i> , 2022, 14, 2029997.	4.3	25
558	lfnar gene variants influence gut microbial production of palmitoleic acid and host immune responses to tuberculosis. <i>Nature Metabolism</i> , 2022, 4, 359-373.	5.1	11
559	COPD and Gut—Lung Axis: How Microbiota and Host Inflammation Influence COPD and Related Therapeutics. <i>Frontiers in Microbiology</i> , 2022, 13, 868086.	1.5	27
560	The therapeutic effect of Xuanbai Chengqi Decoction on chronic obstructive pulmonary disease with excessive heat in the lung and fu-organs based on gut and lung microbiota as well as metabolic profiles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1198, 123250.	1.2	5
561	Galacto-oligosaccharides as an anti-bacterial and anti-invasive agent in lung infections. <i>Biomaterials</i> , 2022, 283, 121461.	5.7	7
562	Microbiome Modulation as a Novel Strategy to Treat and Prevent Respiratory Infections. <i>Antibiotics</i> , 2022, 11, 474.	1.5	15
563	Alteration of microbiota and immune response of mice gavaged with <i>Klebsiella oxytoca</i> . <i>Microbes and Infection</i> , 2022, , 104977.	1.0	0

#	ARTICLE	IF	CITATIONS
564	Association Between Pneumonia and Chronic Otitis Media: A Nested Case-Control Study Using a National Health Screening Cohort. <i>International Journal of Infectious Diseases</i> , 2022, 118, 54-61.	1.5	0
565	<i>Clostridium leptum</i> induces the generation of interleukin-10+ regulatory B cells to alleviate airway inflammation in asthma. <i>Molecular Immunology</i> , 2022, 145, 124-138.	1.0	1
566	Probiotics, prebiotics, and synbiotics to prevent or combat air pollution consequences: The gut-lung axis. <i>Environmental Pollution</i> , 2022, 302, 119066.	3.7	13
567	COVID-19 Patogenezinde Diyetin Bağırsak-Akciğer Eksenine Potansiyel Etkileri. <i>Sağlık Bilimleri Dergisi</i> , 2021, 12, 402-410.	0.1	0
568	Xuanbai Chengqi Decoction Ameliorates Pulmonary Inflammation via Reshaping Gut Microbiota and Rectifying Th17/Treg Imbalance in a Murine Model of Chronic Obstructive Pulmonary Disease. <i>International Journal of COPD</i> , 2021, Volume 16, 3317-3335.	0.9	26
569	Sputum microbiota profiles of treatment-naïve TB patients in Uganda before and during first-line therapy. <i>Scientific Reports</i> , 2021, 11, 24486.	1.6	5
570	Gut Mycobiota Dysbiosis in Pulmonary Tuberculosis Patients Undergoing Anti-Tuberculosis Treatment. <i>Microbiology Spectrum</i> , 2021, 9, e0061521.	1.2	7
571	Gut microbiota imbalance in colorectal cancer patients, the risk factor of COVID-19 mortality. <i>Gut Pathogens</i> , 2021, 13, 70.	1.6	12
573	Clinical Characteristics of COVID-19 Patients with Digestive Symptoms: A Retrospective Study from Dakar, Senegal. <i>Open Journal of Gastroenterology</i> , 2022, 12, 89-97.	0.1	0
574	Role of autoimmunity in the pathogenesis of chronic obstructive pulmonary disease and pulmonary emphysema. , 2022, , 311-331.		2
575	The Gut Microbiome as a Biomarker of Cancer Progression Among Female Never-smokers With Lung Adenocarcinoma. <i>Anticancer Research</i> , 2022, 42, 1589-1598.	0.5	5
576	Characterization of Specific Signatures of the Oral Cavity, Sputum, and Ileum Microbiota in Patients With Crohn's Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 864944.	1.8	7
577	Change of intestinal microbiota in mice model of bronchopulmonary dysplasia. <i>PeerJ</i> , 2022, 10, e13295.	0.9	2
578	Mechanisms of Action of Ozone Therapy in Emerging Viral Diseases: Immunomodulatory Effects and Therapeutic Advantages With Reference to SARS-CoV-2. <i>Frontiers in Microbiology</i> , 2022, 13, 871645.	1.5	13
579	Smoking has disruptive effects on the small bowel luminal microbiome. <i>Scientific Reports</i> , 2022, 12, 6231.	1.6	11
580	Distinct gut and vaginal microbiota profile in women with recurrent implantation failure and unexplained infertility. <i>BMC Women's Health</i> , 2022, 22, 113.	0.8	9
581	Immunonutrition and SARS-CoV-2 Infection in Children with Obesity. <i>Nutrients</i> , 2022, 14, 1701.	1.7	6
625	Probiotics as a biotherapeutics for the management and prevention of respiratory tract diseases. <i>Microbiology and Immunology</i> , 2022, 66, 277-291.	0.7	8

#	ARTICLE	IF	CITATIONS
626	Emerging trends and hotspot in gut–lung axis research from 2011 to 2021: a bibliometrics analysis. <i>BioMedical Engineering OnLine</i> , 2022, 21, 27.	1.3	8
629	The Change of Cytokines and Gut Microbiome in Preterm Infants for Bronchopulmonary Dysplasia. <i>Frontiers in Microbiology</i> , 2022, 13, 804887.	1.5	3
631	Inflammatory potential of diet and health outcomes in pregnancy, infancy, and childhood. , 2022, , 609-663.		1
632	Distal Consequences of Mucosal Infections in Intestinal and Lung Inflammation. <i>Frontiers in Immunology</i> , 2022, 13, 877533.	2.2	8
633	Effective Regulation of Gut Microbiota With Probiotics and Prebiotics May Prevent or Alleviate COVID-19 Through the Gut-Lung Axis. <i>Frontiers in Pharmacology</i> , 2022, 13, 895193.	1.6	10
634	Alterations in microbiota of patients with COVID-19: potential mechanisms and therapeutic interventions. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 143.	7.1	83
635	The Influence of Nutrition on Intestinal Permeability and the Microbiome in Health and Disease. <i>Frontiers in Nutrition</i> , 2022, 9, 718710.	1.6	27
636	Association of Gut Microbiota with Inflammatory Bowel Disease and COVID-19 Severity: A Possible Outcome of the Altered Immune Response. <i>Current Microbiology</i> , 2022, 79, 184.	1.0	8
637	Gut Microbiome Was Highly Related to the Regulation of Metabolism in Lung Adenocarcinoma Patients. <i>Frontiers in Oncology</i> , 2022, 12, 790467.	1.3	3
638	Gut–bladder axis in recurrent UTI. <i>Nature Microbiology</i> , 2022, 7, 601-602.	5.9	9
639	Therapeutic Targeting of the Respiratory Microbiome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 535-544.	2.5	24
640	FGF19 is Downregulated in Idiopathic Pulmonary Fibrosis and Inhibits Lung Fibrosis in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, , .	1.4	10
641	Longitudinal multi-omics analyses link gut microbiome dysbiosis with recurrent urinary tract infections in women. <i>Nature Microbiology</i> , 2022, 7, 630-639.	5.9	54
642	Forsythiae Fructose extracts alleviates LPS-induced acute lung injury in mice by regulating PPAR- β /RXR- α in lungs and colons. <i>Journal of Ethnopharmacology</i> , 2022, 293, 115322.	2.0	8
643	Interaction between gut microbiota dysbiosis and lung infection as gut-lung axis caused by <i>Streptococcus suis</i> in mouse model. <i>Microbiological Research</i> , 2022, 261, 127047.	2.5	13
644	De-â€œbugâ€•ing the microbiome in lung cancer. <i>Cancer and Metastasis Reviews</i> , 2022, 41, 335-346.	2.7	4
645	Qingfeiyan Decoction Inhibits H1N1 Virus Infection via Modulation of Gut Microbiota and Inflammatory Pathways in a Murine Model. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	4
646	Gastrointestinal Involvement in SARS-CoV-2 Infection. <i>Viruses</i> , 2022, 14, 1188.	1.5	25

#	ARTICLE	IF	CITATIONS
647	Role of the Microbiota in Lung Cancer: Insights on Prevention and Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6138.	1.8	16
648	Mouse Subcutaneous BCG Vaccination and Mycobacterium tuberculosis Infection Alter the Lung and Gut Microbiota. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	10
649	Alarmins and innate lymphoid cells 2 activation: A common pathogenetic link connecting respiratory syncytial virus bronchiolitis and later wheezing/asthma?. <i>Pediatric Allergy and Immunology</i> , 2022, 33, .	1.1	10
650	Encoding with a fluorescence-activating and absorption-shifting tag generates living bacterial probes for mammalian microbiota imaging. <i>Materials Today Bio</i> , 2022, 15, 100311.	2.6	7
651	The Bufeijianpi Formula Improves Mucosal Immune Function by Remodeling Gut Microbiota Through the SCFAs/GPR43/NLRP3 Pathway in Chronic Obstructive Pulmonary Disease Rats. <i>International Journal of COPD</i> , 0, Volume 17, 1285-1298.	0.9	10
653	Dysbiosis of the Gut Microbiome Is Associated With Histopathology of Lung Cancer. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	7
654	Change of Gut Microbiota in PRRSV-Resistant Pigs and PRRSV-Susceptible Pigs from Tongcheng Pigs and Large White Pigs Crossed Population upon PRRSV Infection. <i>Animals</i> , 2022, 12, 1504.	1.0	6
655	The human lung microbiomeâ€”A hidden link between microbes and human health and diseases. , 2022, 1, .		15
656	Intestinal dysbiosis and inflammation in cystic fibrosis impacts gut and multi-organ axes. <i>Medicine in Microecology</i> , 2022, 13, 100057.	0.7	3
657	Analysis of Microbiological and Clinical Characteristics of Bacterial Infection in Patients with Pulmonary Infection. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-9.	1.1	3
658	Gut Microbiota Characteristics Are Associated With Severity of Acute Radiation-Induced Esophagitis. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3
659	Effect of Probiotics on Host-Microbial Crosstalk: A Review on Strategies to Combat Diversified Strain of Coronavirus. <i>Encyclopedia</i> , 2022, 2, 1138-1153.	2.4	0
660	Development of allergic asthma and changes of intestinal microbiota in mice under high humidity and/or carbon black nanoparticles. <i>Ecotoxicology and Environmental Safety</i> , 2022, 241, 113786.	2.9	13
661	MFE40â€”the active fraction of Mume Fructus alcohol extractâ€”alleviates Crohn's disease and its complications. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115465.	2.0	3
662	16S rRNA gene sequencing reveals an altered composition of gut microbiota in children with <i>Mycoplasma pneumoniae</i> pneumonia treated with azithromycin. <i>Journal of General and Applied Microbiology</i> , 2022, , .	0.4	1
663	The relationship among avian influenza, gut microbiota and chicken immunity: an updated overview. <i>Poultry Science</i> , 2022, 101, 102021.	1.5	16
664	Acne, Microbiome, and Probiotics: The Gutâ€”Skin Axis. <i>Microorganisms</i> , 2022, 10, 1303.	1.6	33
665	Chronic Critical Illness: Current Aspects of the Problem (Review). <i>Sovremennye Tehnologii V Medicine</i> , 2022, 14, 70.	0.4	2

#	ARTICLE	IF	CITATIONS
666	An Overview on Immunity Booster Foods in Coronavirus Disease (COVID-19). <i>Combinatorial Chemistry and High Throughput Screening</i> , 2023, 26, 1251-1284.	0.6	1
667	Gut dysbacteriosis attenuates resistance to <i>Mycobacterium bovis</i> infection by decreasing cyclooxygenase 2 to inhibit endoplasmic reticulum stress. <i>Emerging Microbes and Infections</i> , 2022, 11, 1806-1818.	3.0	6
668	A comparison of bacterial colonization between nasogastric and orogastric enteral feeding tubes in infants in the neonatal intensive care unit. <i>Journal of Perinatology</i> , 2022, 42, 1446-1452.	0.9	7
669	Altered gut microbiota patterns in COVID-19: Markers for inflammation and disease severity. <i>World Journal of Gastroenterology</i> , 2022, 28, 2802-2822.	1.4	13
670	A Barrier to Defend - Models of Pulmonary Barrier to Study Acute Inflammatory Diseases. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
671	Adverse roles of mast cell chymase-1 in COPD. <i>European Respiratory Journal</i> , 2022, 60, 2101431.	3.1	17
672	Microplastics-perturbed gut microbiota triggered the testicular disorder in male mice: Via fecal microbiota transplantation. <i>Environmental Pollution</i> , 2022, 309, 119789.	3.7	17
673	Disorders of gut-brain interaction in post-acute COVID-19 syndrome. <i>Postgraduate Medical Journal</i> , 2023, 99, 834-843.	0.9	2
674	Understanding the pathogenesis of occupational coal and silica dust-associated lung disease. <i>European Respiratory Review</i> , 2022, 31, 210250.	3.0	25
675	IL-17A aggravates asthma-induced intestinal immune injury by promoting neutrophil trafficking. <i>Journal of Leukocyte Biology</i> , 2022, 112, 425-435.	1.5	6
676	Maresin-1 and its receptors ROR1/LGR6 as potential therapeutic target for respiratory diseases. <i>Pharmacological Research</i> , 2022, 182, 106337.	3.1	9
677	Vaccination status, favipiravir, and micronutrient supplementation roles in post-COVID symptoms: A longitudinal study. <i>PLoS ONE</i> , 2022, 17, e0271385.	1.1	6
678	Mapping trends and hotspot regarding gut microbiota and host immune response: A bibliometric analysis of global research (2011–2021). <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	7
679	Role of the gut microbiome and probiotics for prevention and management of tuberculosis. , 2022, , 361-371.		1
680	A Pilot Study: Favorable Effects of <i>Clostridium butyricum</i> on Intestinal Microbiota for Adjuvant Therapy of Lung Cancer. <i>Cancers</i> , 2022, 14, 3599.	1.7	1
681	SARS-CoV-2 infection threatening intestinal health: A review of potential mechanisms and treatment strategies. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-19.	5.4	6
682	The Relationship between Gut Microbiota and Respiratory Tract Infections in Childhood: A Narrative Review. <i>Nutrients</i> , 2022, 14, 2992.	1.7	3
683	Influence of the gut microbiota on endometriosis: Potential role of chenodeoxycholic acid and its derivatives. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1

#	ARTICLE	IF	CITATIONS
684	Probiotics: A gut response to the COVID-19 pandemic but what does the evidence show?. <i>Clinical Nutrition ESPEN</i> , 2022, 51, 17-27.	0.5	13
685	Potential probiotics for regulation of the gut-lung axis to prevent or alleviate influenza in vulnerable populations. <i>Journal of Traditional and Complementary Medicine</i> , 2023, 13, 161-169.	1.5	4
686	Gut microbiota-derived metabolites confer protection against SARS-CoV-2 infection. <i>Gut Microbes</i> , 2022, 14, .	4.3	26
687	An overview on in vitro and in vivo antiviral activity of lactoferrin: its efficacy against SARS-CoV-2 infection. <i>BioMetals</i> , 2023, 36, 417-436.	1.8	9
689	Lung and gut microbiomes in pulmonary aspergillosis: Exploring adjunctive therapies to combat the disease. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
690	Strategies targeting the NO pathway to counteract extra-pulmonary manifestations of COPD: A systematic review and meta-analysis. <i>Nitric Oxide - Biology and Chemistry</i> , 2022, 128, 59-71.	1.2	1
691	Rectal administration of butyrate ameliorates pulmonary fibrosis in mice through induction of hepatocyte growth factor in the colon via the HDAC-PPAR α pathway. <i>Life Sciences</i> , 2022, 309, 120972.	2.0	1
692	Intestinal microbiota metabolizing <i>Houttuynia cordata</i> polysaccharides in H1N1 induced pneumonia mice contributed to Th17/Treg rebalance in gut-lung axis. <i>International Journal of Biological Macromolecules</i> , 2022, 221, 288-302.	3.6	8
693	Gut lumen-targeted oral delivery system for bioactive agents to regulate gut microbiome. <i>Journal of Future Foods</i> , 2022, 2, 307-325.	2.0	2
694	Dysbiosis of human microbiome and infectious diseases. <i>Progress in Molecular Biology and Translational Science</i> , 2022, , 33-51.	0.9	8
695	Short-Chain Fatty Acids-A Healthy Bus between Gut Microbiota and Organs beyond the Gut. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2022, 13, 362-387.	0.3	1
696	An overview of cancer and the human microbiome. <i>Progress in Molecular Biology and Translational Science</i> , 2022, , 83-139.	0.9	1
697	Intestinal <i>Klebsiella pneumoniae</i> Contributes to Pneumonia by Synthesizing Glutamine in Multiple Myeloma. <i>Cancers</i> , 2022, 14, 4188.	1.7	5
698	(R)Evolution in Allergic Rhinitis Add-On Therapy: From Probiotics to Postbiotics and Parabiotics. <i>Journal of Clinical Medicine</i> , 2022, 11, 5154.	1.0	7
699	The Microbiome-Immune Axis Therapeutic Effects in Cancer Treatments. <i>Journal of Microbiology and Biotechnology</i> , 2022, 32, 1086-1097.	0.9	2
700	Cyclic nucleotide phosphodiesterases in alcohol use disorders: involving gut microbiota. <i>International Journal of Neuropsychopharmacology</i> , 0, , .	1.0	0
701	<i>Bifidobacterium bifidum</i> H3-R2 and Its Molecular Communication within the Context of Ulcerative Colitis. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 11678-11688.	2.4	12
702	Gr1+ myeloid-derived suppressor cells participate in the regulation of lung-gut axis during mouse emphysema model. <i>Bioscience Reports</i> , 2022, 42, .	1.1	2

#	ARTICLE	IF	CITATIONS
703	Effect of Feeding <i>Saccharomyces cerevisiae</i> boulardii CNCM I-1079 to Sows and Piglets on Piglets's Immune Response after Vaccination against <i>Actinobacillus pleuropneumoniae</i> . <i>Animals</i> , 2022, 12, 2513.	1.0	3
704	COVID-19 Spotlights Connections between Disease and Multiple Lifestyle Factors. <i>American Journal of Lifestyle Medicine</i> , 0, , 155982762211230.	0.8	4
705	Gastrointestinal microbiota profile and clinical correlations in advanced EGFR-WT and EGFR-mutant non-small cell lung cancer. <i>BMC Cancer</i> , 2022, 22, .	1.1	2
706	Moonlighting glyceraldehyde-3-phosphate dehydrogenase (GAPDH) protein of <i>Lactobacillus gasseri</i> attenuates allergic asthma via immunometabolic change in macrophages. <i>Journal of Biomedical Science</i> , 2022, 29, .	2.6	4
707	The gut-lung axis: Gut microbiota changes associated with pulmonary fibrosis in mouse models induced by bleomycin. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	6
708	Microbiome and metabolome dysbiosis of the gut-lung axis in pulmonary hypertension. <i>Microbiological Research</i> , 2022, 265, 127205.	2.5	5
709	Metabolomics of Respiratory Diseases. <i>Handbook of Experimental Pharmacology</i> , 2022, , 339-365.	0.9	2
710	Nasal Microbiome and Its Interaction with the Host in Childhood Asthma. <i>Cells</i> , 2022, 11, 3155.	1.8	3
712	Prophylactic effect of pectic oligosaccharides against poly I: C α -induced virus-like infection in BALB/c mice. <i>Journal of Food Biochemistry</i> , 2022, 46, .	1.2	6
713	Antiviral and Anti-Inflammatory Plant-Derived Bioactive Compounds and Their Potential Use in the Treatment of COVID-19-Related Pathologies. <i>Journal of Xenobiotics</i> , 2022, 12, 289-306.	2.9	8
714	Hypoxia-inducible factor 1-alpha is a driving mechanism linking chronic obstructive pulmonary disease to lung cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
715	Gut microbiota-derived succinate aggravates acute lung injury after intestinal ischaemia/reperfusion in mice. <i>European Respiratory Journal</i> , 2023, 61, 2200840.	3.1	15
716	Interplay between the Lung Microbiome, Pulmonary Immunity and Viral Reservoirs in People Living with HIV under Antiretroviral Therapy. <i>Viruses</i> , 2022, 14, 2395.	1.5	2
717	Antibiotic Resistance to <i>Mycobacterium tuberculosis</i> and Potential Use of Natural and Biological Products as Alternative Anti-Mycobacterial Agents. <i>Antibiotics</i> , 2022, 11, 1431.	1.5	7
718	Microbial Dysregulation of the Gut-Lung Axis in Bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2023, 207, 908-920.	2.5	21
719	The correlation between COVID-19 segmentation volume based on artificial intelligence technology and gastric wall edema: a multi-center study in Wuhan. <i>Chinese Journal of Academic Radiology</i> , 0, , .	0.4	0
720	<i>Astragalus</i> polysaccharides alleviates lipopolysaccharides-induced inflammatory lung injury by altering intestinal microbiota in mice. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	6
721	Disulfiram alleviates acute lung injury and related intestinal mucosal barrier impairment by targeting GSDMD-dependent pyroptosis. <i>Journal of Inflammation</i> , 2022, 19, .	1.5	9

#	ARTICLE	IF	CITATIONS
722	Antitumor effects of polysaccharides from <i>Tetrastigma hemsleyanum</i> Diels et Gilg via regulation of intestinal flora and enhancing immunomodulatory effects in vivo. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
723	Comorbidities, Associated Diseases, and Risk Assessment in COVID-19—A Systematic Review. <i>International Journal of Clinical Practice</i> , 2022, 2022, 1-24.	0.8	17
724	Alterations in the gut microbiota of AIDS patients with pneumocystis pneumonia and correlations with the lung microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	4
725	The Function and Molecular Mechanism of Commensal Microbiome in Promoting Malignant Progression of Lung Cancer. <i>Cancers</i> , 2022, 14, 5394.	1.7	3
726	Gut microbiota: A new insight into lung diseases. <i>Biomedicine and Pharmacotherapy</i> , 2022, 155, 113810.	2.5	24
727	Short Chain Fatty Acids: Fundamental mediators of the gut-lung axis and their involvement in pulmonary diseases. <i>Chemico-Biological Interactions</i> , 2022, 368, 110231.	1.7	20
728	Airway microbiome and Asthma. , 2023, , 47-62.		0
729	An engineered hydrogel with low-dose antitumor drugs enhances tumor immunotherapy through tumor interstitial wrap. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	1
730	Respiratory Microbiome Profile of Pediatric Pulmonary Hypertension Patients Associated With Congenital Heart Disease. <i>Hypertension</i> , 2023, 80, 214-226.	1.3	1
731	Gut—lung axis. <i>Pulmonologiya</i> , 0, , .	0.2	0
732	Altered fecal microbiome and metabolome in adult patients with non-cystic fibrosis bronchiectasis. <i>Respiratory Research</i> , 2022, 23, .	1.4	7
733	Research Progress of Intestinal Flora in the Treatment of Lung Cancer—Intestinal Flora and Lung Cancer. <i>Advances in Clinical Medicine</i> , 2022, 12, 10933-10941.	0.0	0
734	Particles and microbiota: interaction to death or resilience?. , 2023, , 1-48.		0
735	Rapid separation of bacteria from primary nasal samples using inertial microfluidics. <i>Lab on A Chip</i> , 2022, 23, 146-156.	3.1	10
736	Kuqin ameliorates Lipopolysaccharide-induced acute lung injury by regulating indoleamine 2,3-dioxygenase 1 and <i>Akkermansia muciniphila</i> . <i>Biomedicine and Pharmacotherapy</i> , 2023, 158, 114073.	2.5	6
737	Gut—Lung Microbiota Interaction in COPD Patients: A Literature Review. <i>Medicina (Lithuania)</i> , 2022, 58, 1760.	0.8	3
738	Commensal cow <i>Roseburia</i> reduces gut-dysbiosis-induced mastitis through inhibiting bacterial translocation by producing butyrate in mice. <i>Cell Reports</i> , 2022, 41, 111681.	2.9	24
739	Respiratory and diarrhoeal pathogens in Malawian children hospitalised with diarrhoea and association with short-term growth: A prospective cohort study. <i>Gates Open Research</i> , 0, 6, 145.	2.0	0

#	ARTICLE	IF	CITATIONS
740	Probiotic Formulation Development and Local Application with Focus on Local Buccal, Nasal and Pulmonary Application. <i>Current Nutraceuticals</i> , 2022, 3, .	0.1	0
741	The Connection between Gut and Lung Microbiota, Mast Cells, Platelets and SARS-CoV-2 in the Elderly Patient. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14898.	1.8	4
742	Advancing intestinal organoid technology to decipher nano-intestine interactions and treat intestinal disease. <i>Nano Research</i> , 2023, 16, 3976-3990.	5.8	2
743	Gut microbiota modulates lung fibrosis severity following acute lung injury in mice. <i>Communications Biology</i> , 2022, 5, .	2.0	7
744	Environmental influences on childhood asthma—The effect of diet and microbiome on asthma. <i>Pediatric Allergy and Immunology</i> , 2022, 33, .	1.1	9
745	Gut and lung microbiome profiles in pregnant mice. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	0
746	Disruption of the lung-gut-brain axis is responsible for cortex damage induced by pulmonary exposure to zinc oxide nanoparticles. <i>Toxicology</i> , 2023, 485, 153390.	2.0	3
747	Recent Advances and Outcomes in Heart and Lung Transplantation. , 0, , .		0
748	Understanding the Functional Role of the Microbiome and Metabolome in Asthma. <i>Current Allergy and Asthma Reports</i> , 2023, 23, 67-76.	2.4	4
749	Probiotic <i>Bifidobacterium longum</i> subsp. <i>longum</i> Protects against Cigarette Smoke-Induced Inflammation in Mice. <i>International Journal of Molecular Sciences</i> , 2023, 24, 252.	1.8	6
750	Gastrointestinal microbiota: A predictor of COVID-19 severity?. <i>World Journal of Gastroenterology</i> , 0, 28, 6328-6344.	1.4	12
751	Deducing the Interplay Between Gut Flora and Respiratory Diseases: A New Therapeutic Strategy?. <i>Indian Journal of Microbiology</i> , 2023, 63, 1-17.	1.5	2
752	<i>Lycium barbarum</i> polysaccharide ameliorates radiation-induced brain injury by regulating gut microbiota. <i>Journal of Traditional Chinese Medical Sciences</i> , 2022, , .	0.1	0
753	Parenteral BCG vaccine induces lung-resident memory macrophages and trained immunity via the gut–lung axis. <i>Nature Immunology</i> , 2022, 23, 1687-1702.	7.0	32
754	Human matters in asthma: Considering the microbiome in pulmonary health. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
755	Gut microbiota modulates bleomycin-induced acute lung injury response in mice. <i>Respiratory Research</i> , 2022, 23, .	1.4	9
756	<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> BL-99 ameliorates colitis-related lung injury in mice by modulating short-chain fatty acid production and inflammatory monocytes/macrophages. <i>Food and Function</i> , 2023, 14, 1099-1112.	2.1	7
757	Wine-processed <i>radix scutellariae</i> alleviates ARDS by regulating tryptophan metabolism through gut microbiota. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	7

#	ARTICLE	IF	CITATIONS
758	Gut microbiota composition can reflect immune responses of latent tuberculosis infection in patients with poorly controlled diabetes. <i>Respiratory Research</i> , 2023, 24, .	1.4	4
759	Airway microbiome-immune crosstalk in chronic obstructive pulmonary disease. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
760	The lung, the niche, and the microbe: Exploring the lung microbiome in cancer and immunity. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
761	Understanding respiratory microbiomeâ€™immune system interactions in health and disease. <i>Science Translational Medicine</i> , 2023, 15, .	5.8	15
762	The gut microbiome is a significant risk factor for future chronic lung disease. <i>Journal of Allergy and Clinical Immunology</i> , 2023, 151, 943-952.	1.5	9
763	Innate immune responses in COVID-19. , 2023, , 63-128.		0
764	Probiotic Effects on Disease Prevention and Treatment. , 0, , .		0
765	The human microbiome: A promising target for lung cancer treatment. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	4
766	Editorial: Triangle crosstalk: Gut microbiota, immune reaction and metabolism. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	0
767	Liver Microbiome in Healthy Rats: The Hidden Inhabitants of Hepatocytes. <i>Cellular Microbiology</i> , 2023, 2023, 1-16.	1.1	0
768	S100B Affects Gut Microbiota Biodiversity. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2248.	1.8	4
769	Bmal1 and Gut-lung axis in SARS-CoV-2 infection: New insight into the effects of melatonin on COVID-19 patients?. <i>Biomedicine and Pharmacotherapy</i> , 2023, 164, 114291.	2.5	0
770	Alterations in Gut Microbiota Composition in Patients with COVID-19: A Pilot Study of Whole Hypervariable 16S rRNA Gene Sequencing. <i>Biomedicines</i> , 2023, 11, 367.	1.4	9
772	Associations of adherence to the DASH diet and the Mediterranean diet with chronic obstructive pulmonary disease among US adults. <i>Frontiers in Nutrition</i> , 0, 10, .	1.6	3
773	Gamma aminobutyric acid production by commercially available probiotic strains. <i>Journal of Applied Microbiology</i> , 2023, 134, .	1.4	5
774	Gut Microbiota Dysbiosis Correlates With Long COVID-19 at One-Year After Discharge. <i>Journal of Korean Medical Science</i> , 2023, 38, .	1.1	16
775	Effect of an Immune-Boosting, Antioxidant and Anti-Inflammatory Food Supplement in Hospitalized COVID-19 Patients: A Prospective Randomized Pilot Study. <i>Nutrients</i> , 2023, 15, 1736.	1.7	7
776	Astragalus polysaccharide attenuates bleomycin-induced pulmonary fibrosis by inhibiting TLR4/ NF- κ B signaling pathway and regulating gut microbiota. <i>European Journal of Pharmacology</i> , 2023, 944, 175594.	1.7	7

#	ARTICLE	IF	CITATIONS
777	Ablation of CD226 on CD4+ T cells modulates asthma progress associated with altered IL-10 response and gut microbiota. <i>International Immunopharmacology</i> , 2023, 118, 110051.	1.7	1
778	Baicalin ameliorates multidrug-resistant <i>Pseudomonas aeruginosa</i> induced pulmonary inflammation in rat via arginine biosynthesis. <i>Biomedicine and Pharmacotherapy</i> , 2023, 162, 114660.	2.5	4
779	Gut microbiota axis: potential target of phytochemicals from plant-based foods. <i>Food Science and Human Wellness</i> , 2023, 12, 1409-1426.	2.2	5
780	Crosstalk between the lung microbiome and lung cancer. <i>Microbial Pathogenesis</i> , 2023, 178, 106062.	1.3	4
782	The temporal characteristics of the disruption of gut microbiota, serum metabolome, and cytokines by silica exposure in wistar rats. <i>Ecotoxicology and Environmental Safety</i> , 2023, 252, 114580.	2.9	2
783	<i>Lactobacillus casei</i> CNRZ1874 supplementation promotes M1 alveolar macrophage activation and attenuates <i>Mycoplasma pneumoniae</i> pneumonia. <i>Journal of Applied Microbiology</i> , 2023, 134, .	1.4	0
784	The Role of Nutrition in Mitigating the Effects of COVID-19 from Infection through PASC. <i>Nutrients</i> , 2023, 15, 866.	1.7	5
785	Gut microbiota in patients with COVID-19 and type 2 diabetes: A culture-based method. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 13, .	1.8	10
786	Protective effects of <i>Descurainia sophia</i> seeds extract and its fractions on pulmonary edema by untargeted urine and serum metabolomics strategy. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	4
787	Study on the Mechanism of Qing-Fei-Shen-Shi Decoction on Asthma Based on Integrated 16S rRNA Sequencing and Untargeted Metabolomics. <i>Evidence-based Complementary and Alternative Medicine</i> , 2023, 2023, 1-18.	0.5	2
788	Immunotherapy for Metastatic Non-Small Cell Lung Cancer: Therapeutic Advances and Biomarkers. <i>Current Oncology</i> , 2023, 30, 2366-2387.	0.9	5
789	Targeting the gut-lung axis by synbiotic feeding to infants in a randomized controlled trial. <i>BMC Biology</i> , 2023, 21, .	1.7	5
790	The Gut-Liver Axis in Pediatric Liver Health and Disease. <i>Microorganisms</i> , 2023, 11, 597.	1.6	3
791	Can Probiotics, Particularly <i>Limosilactobacillus fermentum</i> UCO-979C and <i>Lactobacillus rhamnosus</i> UCO-25A, Be Preventive Alternatives against SARS-CoV-2?. <i>Biology</i> , 2023, 12, 384.	1.3	2
792	Changes in upper airways microbiota in ventilator-associated pneumonia. <i>Intensive Care Medicine Experimental</i> , 2023, 11, .	0.9	4
793	Assessment of microbiota in the gut and upper respiratory tract associated with SARS-CoV-2 infection. <i>Microbiome</i> , 2023, 11, .	4.9	8
794	Airway delivery of <i>Streptococcus salivarius</i> is sufficient to induce experimental pulmonary hypertension in rats. <i>British Journal of Pharmacology</i> , 2023, 180, 2102-2119.	2.7	1
795	The Mouth-COVID Connection: IL-6 Levels in Periodontal Disease – Potential Role in COVID-19-Related Respiratory Complications. <i>Journal of the California Dental Association</i> , 2020, 48, 485-499.	0.0	0

#	ARTICLE	IF	CITATIONS
796	Altered gut microbiota in the early stage of acute pancreatitis were related to the occurrence of acute respiratory distress syndrome. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 13, .	1.8	9
797	Role of the microbiota-gut-brain axis in postacute COVID syndrome. <i>American Journal of Physiology - Renal Physiology</i> , 2023, 324, G322-G328.	1.6	4
798	The Bidirectional Gut–Lung Axis in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2023, 207, 1145-1160.	2.5	13
799	The causality between intestinal flora and allergic diseases: Insights from a bi-directional two-sample Mendelian randomization analysis. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	21
800	Zengshengping improves lung cancer by regulating the intestinal barrier and intestinal microbiota. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	1
801	Intestinal <i>Escherichia coli</i> and related dysfunction as potential targets of Traditional Chinese Medicine for respiratory infectious diseases. <i>Journal of Ethnopharmacology</i> , 2023, , 116381.	2.0	0
802	Intestinal Damage, Inflammation and Microbiota Alteration during COVID-19 Infection. <i>Biomedicines</i> , 2023, 11, 1014.	1.4	4
803	Impact of Pneumococcal and Viral Pneumonia on the Respiratory and Intestinal Tract Microbiomes of Mice. <i>Microbiology Spectrum</i> , 2023, 11, .	1.2	1
804	Coinfection with influenza virus and non-typeable <i>Haemophilus influenzae</i> aggregates inflammatory lung injury and alters gut microbiota in COPD mice. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	2
805	Interactions between the lung microbiome and host immunity in chronic obstructive pulmonary disease. <i>Chronic Diseases and Translational Medicine</i> , 2023, 9, 104-121.	0.9	0
806	Jinhong decoction protects sepsis-associated acute lung injury by reducing intestinal bacterial translocation and improving gut microbial homeostasis. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	3
807	Paediatric Asthma and the Microbiome: A Systematic Review. <i>Microorganisms</i> , 2023, 11, 939.	1.6	3
808	Association of lung-intestinal microecology and lung cancer therapy. <i>Chinese Medicine</i> , 2023, 18, .	1.6	5
809	Gut dysbiosis contributes to chlamydial induction of hydrosalpinx in the upper genital tract. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	0
810	Gut distress and intervention via communications of SARS-CoV-2 with mucosal exposome. <i>Frontiers in Public Health</i> , 0, 11, .	1.3	0
811	The gut microbiome: A line of defense against tuberculosis development. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 13, .	1.8	5
923	Respiratory Delivery of Probiotics to Improve Lung Health. <i>AAPS Introductions in the Pharmaceutical Sciences</i> , 2023, , 149-172.	0.1	0