

Michael J Cox

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

4,963
citations

27
h-index

53
g-index

53
ext. papers

6,331
ext. citations

6.6
avg, IF

5.32
L-index

#	Paper	IF	Citations
44	Reagent and laboratory contamination can critically impact sequence-based microbiome analyses. <i>BMC Biology</i> , 2014 , 12, 87	7.3	1745
43	Airway microbiota and pathogen abundance in age-stratified cystic fibrosis patients. <i>PLoS ONE</i> , 2010 , 5, e11044	3.7	331
42	The role of bacteria in the pathogenesis and progression of idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 906-13	10.2	320
41	Outgrowth of the bacterial airway microbiome after rhinovirus exacerbation of chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 1224-31	10.2	262
40	Mans best friend? The effect of pet ownership on house dust microbial communities. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 410-2, 412.e1-3	11.5	178
39	A persistent and diverse airway microbiota present during chronic obstructive pulmonary disease exacerbations. <i>OMICS A Journal of Integrative Biology</i> , 2010 , 14, 9-59	3.8	178
38	Stable-isotope probing implicates <i>Methylophaga</i> spp and novel Gammaproteobacteria in marine methanol and methylamine metabolism. <i>ISME Journal</i> , 2007 , 1, 480-91	11.9	145
37	Improved detection of bifidobacteria with optimised 16S rRNA-gene based pyrosequencing. <i>PLoS ONE</i> , 2012 , 7, e32543	3.7	143
36	Isolation of viruses responsible for the demise of an <i>Emiliania huxleyi</i> bloom in the English Channel. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2002 , 82, 369-377	1.1	129
35	Dysbiosis anticipating necrotizing enterocolitis in very premature infants. <i>Clinical Infectious Diseases</i> , 2015 , 60, 389-97	11.6	118
34	Bacterial microbiota of the upper respiratory tract and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 826-834.e13	11.5	117
33	Host-Microbial Interactions in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1640-1650	10.2	114
32	Respiratory Disease following Viral Lung Infection Alters the Murine Gut Microbiota. <i>Frontiers in Immunology</i> , 2018 , 9, 182	8.4	114
31	Changes in the respiratory microbiome during acute exacerbations of idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2017 , 18, 29	7.3	108
30	<i>Lactobacillus casei</i> abundance is associated with profound shifts in the infant gut microbiome. <i>PLoS ONE</i> , 2010 , 5, e8745	3.7	93
29	Sequencing the human microbiome in health and disease. <i>Human Molecular Genetics</i> , 2013 , 22, R88-94	5.6	89
28	Progression of whole-blood transcriptional signatures from interferon-induced to neutrophil-associated patterns in severe influenza. <i>Nature Immunology</i> , 2018 , 19, 625-635	19.1	82

27	Respiratory Viral Infection Alters the Gut Microbiota by Inducing Inappetence. <i>MBio</i> , 2020 , 11,	7.8	79
26	Longitudinal assessment of sputum microbiome by sequencing of the 16S rRNA gene in non-cystic fibrosis bronchiectasis patients. <i>PLoS ONE</i> , 2017 , 12, e0170622	3.7	70
25	Upper airways microbiota in antibiotic-naïve wheezing and healthy infants from the tropics of rural Ecuador. <i>PLoS ONE</i> , 2012 , 7, e46803	3.7	69
24	Identification of carbohydrate metabolism genes in the metagenome of a marine biofilm community shown to be dominated by gammaproteobacteria and bacteroidetes. <i>Genes</i> , 2010 , 1, 371-84	4.2	62
23	Late-Onset Bloodstream Infection and Perturbed Maturation of the Gastrointestinal Microbiota in Premature Infants. <i>PLoS ONE</i> , 2015 , 10, e0132923	3.7	56
22	New opportunities for managing acute and chronic lung infections. <i>Nature Reviews Microbiology</i> , 2018 , 16, 111-120	22.2	46
21	Methods in Lung Microbiome Research. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 62, 283-299	5.7	36
20	Cellulose degradation by micromonosporas recovered from freshwater lakes and classification of these actinomycetes by DNA gyrase B gene sequencing. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 7080-4	4.8	35
19	Use of DNA-stable isotope probing and functional gene probes to investigate the diversity of methyl chloride-utilizing bacteria in soil. <i>Environmental Microbiology</i> , 2005 , 7, 1318-28	5.2	35
18	Aminobacter ciceronei sp. nov. and Aminobacter lissarensis sp. nov., isolated from various terrestrial environments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 1827-1832	2.2	33
17	Detection of novel Fibrobacter populations in landfill sites and determination of their relative abundance via quantitative PCR. <i>Environmental Microbiology</i> , 2008 , 10, 1310-9	5.2	26
16	Multilocus characterization scheme for shiga toxin-encoding bacteriophages. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 8032-40	4.8	26
15	Reagent contamination can critically impact sequence-based microbiome analyses		16
14	The fungal airway microbiome in cystic fibrosis and non-cystic fibrosis bronchiectasis. <i>Journal of Cystic Fibrosis</i> , 2021 , 20, 295-302	4.1	16
13	Gut microbiota and protection from pneumococcal pneumonia. <i>Gut</i> , 2017 , 66, 384	19.2	13
12	Comparison of the upper and lower airway microbiota in children with chronic lung diseases. <i>PLoS ONE</i> , 2018 , 13, e0201156	3.7	13
11	A molecular comparison of microbial communities in bronchiectasis and cystic fibrosis. <i>European Respiratory Journal</i> , 2013 , 41, 991-3	13.6	12
10	Longitudinal development of the airway microbiota in infants with cystic fibrosis. <i>Scientific Reports</i> , 2019 , 9, 5143	4.9	11

9	Diversity of methyl halide-degrading microorganisms in oceanic and coastal waters. <i>FEMS Microbiology Letters</i> , 2012 , 334, 111-8	2.9	8
8	Nucleic acid extraction efficiency and bacterial recovery from maxillary sinus mucosal samples obtained by brushing or biopsy. <i>American Journal of Rhinology and Allergy</i> , 2010 , 24, 263-5	2.4	8
7	A <i>Haemophilus</i> sp. dominates the microbiota of sputum from UK adults with non-severe community acquired pneumonia and chronic lung disease. <i>Scientific Reports</i> , 2019 , 9, 2388	4.9	5
6	Airway microbial communities, smoking and asthma in a general population sample. <i>EBioMedicine</i> , 2021 , 71, 103538	8.8	5
5	Sampling the lung microbiome 2019 , 1-17		2
4	Longitudinal assessment of sputum microbiome by sequencing of the 16S rRNA gene in non-CF bronchiectasis patients		2
3	<i>Haemophilus</i> , Antibiotic Therapy and the Airway Microbiome in Chronic Obstructive Pulmonarydisease		1
2	Respiratory viral infection alters the gut microbiota by inducing inappetence		1
1	CTAB extraction of DNA and RNA of respiratory samples for microbial work v1		1