

# Marcus C De Goffau

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

4,429  
citations

236925

25  
h-index

214800

47  
g-index

58  
all docs

58  
docs citations

58  
times ranked

7368  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Dynamics of the Human Infant Gut Microbiome in Development and in Progression toward Type 1 Diabetes. <i>Cell Host and Microbe</i> , 2015, 17, 260-273.	11.0	1,008
2	Human placenta has no microbiome but can contain potential pathogens. <i>Nature</i> , 2019, 572, 329-334.	27.8	513
3	Fecal Microbiota Composition Differs Between Children With $\hat{I}^2$ -Cell Autoimmunity and Those Without. <i>Diabetes</i> , 2013, 62, 1238-1244.	0.6	498
4	Aberrant gut microbiota composition at the onset of type 1 diabetes in young children. <i>Diabetologia</i> , 2014, 57, 1569-1577.	6.3	274
5	Recognizing the reagent microbiome. <i>Nature Microbiology</i> , 2018, 3, 851-853.	13.3	255
6	Real-time in vivo imaging of invasive- and biomaterial-associated bacterial infections using fluorescently labelled vancomycin. <i>Nature Communications</i> , 2013, 4, 2584.	12.8	231
7	SIRT1 stimulation by polyphenols is affected by their stability and metabolism. <i>Mechanisms of Ageing and Development</i> , 2006, 127, 618-627.	4.6	148
8	One Health Genomic Surveillance of <i>Escherichia coli</i> Demonstrates Distinct Lineages and Mobile Genetic Elements in Isolates from Humans versus Livestock. <i>MBio</i> , 2019, 10, .	4.1	130
9	Diversity of human small intestinal <i>Streptococcus</i> and <i>Veillonella</i> populations. <i>FEMS Microbiology Ecology</i> , 2013, 85, 376-388.	2.7	121
10	A Necrotizing Enterocolitis-Associated Gut Microbiota Is Present in the Meconium: Results of a Prospective Study. <i>Clinical Infectious Diseases</i> , 2016, 62, 863-870.	5.8	119
11	Mucus Microbiome of Anastomotic Tissue During Surgery Has Predictive Value for Colorectal Anastomotic Leakage. <i>Annals of Surgery</i> , 2019, 269, 911-916.	4.2	92
12	The <i>ATG16L1</i> $\hat{T}300A$ allele impairs clearance of pathosymbionts in the inflamed ileal mucosa of Crohn's disease patients. <i>Gut</i> , 2015, 64, 1546-1552.	12.1	77
13	The Human Gut Microbiota. <i>Advances in Experimental Medicine and Biology</i> , 2016, 902, 95-108.	1.6	72
14	High level of fecal calprotectin at age 2 months as a marker of intestinal inflammation predicts atopic dermatitis and asthma by age 6. <i>Clinical and Experimental Allergy</i> , 2015, 45, 928-939.	2.9	69
15	Genomic Surveillance of <i>Enterococcus faecium</i> Reveals Limited Sharing of Strains and Resistance Genes between Livestock and Humans in the United Kingdom. <i>MBio</i> , 2018, 9, .	4.1	63
16	Intestinal microbiota and anastomotic leakage of stapled colorectal anastomoses: a pilot study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 2259-2265.	2.4	62
17	A longitudinal study of the infant nasopharyngeal microbiota: The effects of age, illness and antibiotic use in a cohort of South East Asian children. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005975.	3.0	62
18	Bacterial pleomorphism and competition in a relative humidity gradient. <i>Environmental Microbiology</i> , 2009, 11, 809-822.	3.8	53

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19	Maturation of Gut Microbiota and Circulating Regulatory T Cells and Development of IgE Sensitization in Early Life. <i>Frontiers in Immunology</i> , 2019, 10, 2494.	4.8	46
20	STROBE-metagenomics: a STROBE extension statement to guide the reporting of metagenomics studies. <i>Lancet Infectious Diseases</i> , The, 2020, 20, e251-e260.	9.1	40
21	Standard of hygiene and immune adaptation in newborn infants. <i>Clinical Immunology</i> , 2014, 155, 136-147.	3.2	35
22	Batch effects account for the main findings of an in utero human intestinal bacterial colonization study. <i>Microbiome</i> , 2021, 9, 6.	11.1	34
23	Gut microbiomes from Gambian infants reveal the development of a non-industrialized Prevotella-based trophic network. <i>Nature Microbiology</i> , 2022, 7, 132-144.	13.3	30
24	Fetal inheritance of chromosomally integrated human herpesvirus 6 predisposes the mother to pre-eclampsia. <i>Nature Microbiology</i> , 2020, 5, 901-908.	13.3	29
25	Exploring the risk factors for differences in the cumulative incidence of coeliac disease in two neighboring countries: the prospective DIABIMMUNE study. <i>Digestive and Liver Disease</i> , 2016, 48, 1296-1301.	0.9	26
26	Increasing incidence of group B streptococcus neonatal infections in the Netherlands is associated with clonal expansion of CC17 and CC23. <i>Scientific Reports</i> , 2020, 10, 9539.	3.3	25
27	Effects of fecal microbiota transplant on DNA methylation in subjects with metabolic syndrome. <i>Gut Microbes</i> , 2021, 13, 1993513.	9.8	25
28	Genetic loci of <i>Staphylococcus aureus</i> associated with anti-neutrophil cytoplasmic autoantibody (ANCA)-associated vasculitides. <i>Scientific Reports</i> , 2017, 7, 12211.	3.3	24
29	Contrasting patterns of longitudinal population dynamics and antimicrobial resistance mechanisms in two priority bacterial pathogens over 7 years in a single center. <i>Genome Biology</i> , 2019, 20, 184.	8.8	22
30	Detecting eukaryotic microbiota with single-cell sensitivity in human tissue. <i>Microbiome</i> , 2018, 6, 151.	11.1	21
31	Low anti-staphylococcal IgG responses in granulomatosis with polyangiitis patients despite long-term <i>Staphylococcus aureus</i> exposure. <i>Scientific Reports</i> , 2015, 5, 8188.	3.3	20
32	Cold Spots in Neonatal Incubators Are Hot Spots for Microbial Contamination. <i>Applied and Environmental Microbiology</i> , 2011, 77, 8568-8572.	3.1	19
33	Multi-Compartment Profiling of Bacterial and Host Metabolites Identifies Intestinal Dysbiosis and Its Functional Consequences in the Critically Ill Child. <i>Critical Care Medicine</i> , 2019, 47, e727-e734.	0.9	19
34	Microbial growth on the edge of desiccation. <i>Environmental Microbiology</i> , 2011, 13, 2328-2335.	3.8	17
35	'Candidatus <i>Ornithobacterium hominis</i> ': insights gained from draft genomes obtained from nasopharyngeal swabs. <i>Microbial Genomics</i> , 2019, 5, .	2.0	16
36	Patients With Inflammatory Bowel Disease Show IgG Immune Responses Towards Specific Intestinal Bacterial Genera. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	12

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37	Over-celling fetal microbial exposure. <i>Cell</i> , 2021, 184, 5839-5841.	28.9	10
38	Biofilm formation on the Provox ActiValve: Composition and ingrowth analyzed by Illumina paired-end RNA sequencing, fluorescence in situ hybridization, and confocal laser scanning microscopy. <i>Head and Neck</i> , 2016, 38, E432-40.	2.0	9
39	Weight shapes the intestinal microbiome in preterm infants: results of a prospective observational study. <i>BMC Microbiology</i> , 2021, 21, 219.	3.3	9
40	The Dynamics of the Human Infant Gut Microbiome in Development and in Progression toward Type 1 Diabetes. <i>Cell Host and Microbe</i> , 2016, 20, 121.	11.0	7
41	Early childhood infections and the use of antibiotics and antipyretic/analgesics in Finland, Estonia and Russian Karelia. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 2075-2082.	1.5	7
42	Differential expression of a prophage-encoded glycocin and its immunity protein suggests a mutualistic strategy of a phage and its host. <i>Scientific Reports</i> , 2019, 9, 2845.	3.3	7
43	Profiling gut microbiota and bile acid metabolism in critically ill children. <i>Scientific Reports</i> , 2022, 12, .	3.3	5
44	Response to Comment on "Mucus Microbiome of Anastomotic Tissue During Surgery Has Predictive Value for Colorectal Anastomotic Leakage". <i>Annals of Surgery</i> , 2019, 269, e69-e70.	4.2	2
45	When to suspect contamination rather than colonization – lessons from a putative fetal sheep microbiome. <i>Gut Microbes</i> , 2022, 14, 2005751.	9.8	2
46	Reply to Cassir et al. <i>Clinical Infectious Diseases</i> , 2016, 62, 1618-1620.	5.8	1
47	1369 How Clean is Clean? Effectiveness of Disinfection of Thermometers on a Neonatal Intensive Care Unit. <i>Pediatric Research</i> , 2010, 68, 678-678.	2.3	0
48	Tu1707 Crohn's Disease Patients With the ATG16L1 T300a Allele Are Unable to Modify Their Mucosal Microbiota Profile Upon Inflammation. <i>Gastroenterology</i> , 2013, 144, S-827.	1.3	0
49	Sa2007 Intestinal Microbiota and Anastomotic Leakage of Stapled Colorectal Anastomoses. <i>Gastroenterology</i> , 2016, 150, S430.	1.3	0
50	706: LOSS OF FECAL MICROBIAL DENSITY AND INTESTINAL FERMENTATION EFFICIENCY IN CRITICALLY ILL CHILDREN. <i>Critical Care Medicine</i> , 2018, 46, 339-339.	0.9	0