

# Corinne F Maurice

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

9,318  
citations

471061

17  
h-index

414034

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

15692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diet rapidly and reproducibly alters the human gut microbiome. <i>Nature</i> , 2014, 505, 559-563.	13.7	7,592
2	Rapid fucosylation of intestinal epithelium sustains host-commensal symbiosis in sickness. <i>Nature</i> , 2014, 514, 638-641.	13.7	428
3	Marked seasonal variation in the wild mouse gut microbiota. <i>ISME Journal</i> , 2015, 9, 2423-2434.	4.4	282
4	Mã©nage Å trois in the human gut: interactions between host, bacteria and phages. <i>Nature Reviews Microbiology</i> , 2017, 15, 397-408.	13.6	277
5	Cooking shapes the structure and function of the gut microbiome. <i>Nature Microbiology</i> , 2019, 4, 2052-2063.	5.9	112
6	mockrobiota: a Public Resource for Microbiome Bioinformatics Benchmarking. <i>MSystems</i> , 2016, 1, .	1.7	89
7	Bacteriophages Isolated from Stunted Children Can Regulate Gut Bacterial Communities in an Age-Specific Manner. <i>Cell Host and Microbe</i> , 2020, 27, 199-212.e5.	5.1	85
8	The human gut microbiome and health inequities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	82
9	Common Oral Medications Lead to Prophage Induction in Bacterial Isolates from the Human Gut. <i>Viruses</i> , 2021, 13, 455.	1.5	35
10	Phages in the infant gut: a framework for virome development during early life. <i>ISME Journal</i> , 2022, 16, 323-330.	4.4	33
11	Disentangling the relative influence of bacterioplankton phylogeny and metabolism on lysogeny in reservoirs and lagoons. <i>ISME Journal</i> , 2011, 5, 831-842.	4.4	31
12	Bacteriophages: Uncharacterized and Dynamic Regulators of the Immune System. <i>Mediators of Inflammation</i> , 2019, 2019, 1-14.	1.4	30
13	Improving the Inhibitory Effect of Phages against <i>Pseudomonas aeruginosa</i> Isolated from a Burn Patient Using a Combination of Phages and Antibiotics. <i>Viruses</i> , 2021, 13, 334.	1.5	25
14	The complex interplay of diet, xenobiotics, and microbial metabolism in the gut: Implications for clinical outcomes. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 99, 588-599.	2.3	24
15	Transplantation of bacteriophages from ulcerative colitis patients shifts the gut bacteriome and exacerbates the severity of DSS colitis. <i>Microbiome</i> , 2022, 10, .	4.9	23
16	A Single-Cell Analysis of Virioplankton Adsorption, Infection, and Intracellular Abundance in Different Bacterioplankton Physiologic Categories. <i>Microbial Ecology</i> , 2011, 62, 669-678.	1.4	22
17	Quantifying the metabolic activities of human-associated microbial communities across multiple ecological scales. <i>FEMS Microbiology Reviews</i> , 2013, 37, 830-848.	3.9	22
18	Absence of the Caspases 1/11 Modulates Liver Global Lipid Profile and Gut Microbiota in High-Fat-Diet-Induced Obese Mice. <i>Frontiers in Immunology</i> , 2019, 10, 2926.	2.2	16

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19	Characterization of the intestinal microbiota during <i>Citrobacter rodentium</i> infection in a mouse model of infection-triggered Parkinson's disease. <i>Gut Microbes</i> , 2020, 12, 1830694.	4.3	14
20	Multidisciplinarity in Microbiome Research: A Challenge and Opportunity to Rethink Causation, Variability, and Scale. <i>BioEssays</i> , 2019, 41, e1900007.	1.2	12
21	Drugging the gut microbiota: toward rational modulation of bacterial composition in the gut. <i>Current Opinion in Chemical Biology</i> , 2020, 56, 10-15.	2.8	11
22	Gut microbiota modulation induced by Zika virus infection in immunocompetent mice. <i>Scientific Reports</i> , 2021, 11, 1421.	1.6	10
23	Considering the Other Half of the Gut Microbiome: Bacteriophages. <i>MSystems</i> , 2019, 4, .	1.7	9
24	Translational activity is uncoupled from nucleic acid content in bacterial cells of the human gut microbiota. <i>Gut Microbes</i> , 2021, 13, 1-15.	4.3	9
25	OnePetri: Accelerating Common Bacteriophage Petri Dish Assays with Computer Vision. <i>Phage</i> , 2021, 2, 224-231.	0.8	8
26	The Mini Colon Model: a benchtop multi-bioreactor system to investigate the gut microbiome. <i>Gut Microbes</i> , 2022, 14, .	4.3	7
27	Not Just a Passing Phage. <i>Cell Host and Microbe</i> , 2019, 26, 448-449.	5.1	4
28	Effects of oxygen exposure on relative nucleic acid content and membrane integrity in the human gut microbiota. <i>PeerJ</i> , 2021, 9, e10602.	0.9	3
29	The Mammalian Gut as a Matchmaker. <i>Cell Host and Microbe</i> , 2017, 22, 726-727.	5.1	2
30	Changes in Gut Bacterial Translation Occur before Symptom Onset and Dysbiosis in Dextran Sodium Sulfate-Induced Murine Colitis. <i>MSystems</i> , 2021, 6, e0050721.	1.7	2
31	Polysaccharide Protection: How <i>Bacteroides thetaiotaomicron</i> Survives an Antibiotic Attack. <i>Cell Metabolism</i> , 2019, 30, 619-621.	7.2	1
32	A phingerprint for rheumatoid arthritis development?. <i>Cell Host and Microbe</i> , 2021, 29, 678-680.	5.1	1
33	The role of the NLRP3 inflammasome and Caspase-1/11 in lipid inflammatory metabolism and gut microbiota profile of obese animals high fat diet-induced. <i>Surgery for Obesity and Related Diseases</i> , 2018, 14, S169.	1.0	0