

# Gregory Humphrey

## 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.

20  
papers

1,673  
citations

13  
h-index

21  
g-index

21  
ext. papers

2,594  
ext. citations

12.2  
avg, IF

3.78  
L-index

#	Paper	IF	Citations
20	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , <b>2017</b> , 551, 457-463	50.4	1076
19	Evolutionary trends in host physiology outweigh dietary niche in structuring primate gut microbiomes. <i>ISME Journal</i> , <b>2019</b> , 13, 576-587	11.9	132
18	Comparative Analyses of Vertebrate Gut Microbiomes Reveal Convergence between Birds and Bats. <i>MBio</i> , <b>2020</b> , 11,	7.8	79
17	Translocation of Viable Gut Microbiota to Mesenteric Adipose Drives Formation of Creeping Fat in Humans. <i>Cell</i> , <b>2020</b> , 183, 666-683.e17	56.2	74
16	Exposure to toxic metals triggers unique responses from the rat gut microbiota. <i>Scientific Reports</i> , <b>2018</b> , 8, 6578	4.9	60
15	Intermittent Hypoxia and Hypercapnia, a Hallmark of Obstructive Sleep Apnea, Alters the Gut Microbiome and Metabolome. <i>MSystems</i> , <b>2018</b> , 3,	7.6	56
14	The impact of skin care products on skin chemistry and microbiome dynamics. <i>BMC Biology</i> , <b>2019</b> , 17, 47	7.3	42
13	Consumption of Fermented Foods Is Associated with Systematic Differences in the Gut Microbiome and Metabolome. <i>MSystems</i> , <b>2020</b> , 5,	7.6	33
12	Neutrophilic proteolysis in the cystic fibrosis lung correlates with a pathogenic microbiome. <i>Microbiome</i> , <b>2019</b> , 7, 23	16.6	32
11	High-Resolution Longitudinal Dynamics of the Cystic Fibrosis Sputum Microbiome and Metabolome through Antibiotic Therapy. <i>MSystems</i> , <b>2020</b> , 5,	7.6	24
10	Intermittent Hypoxia and Hypercapnia Reproducibly Change the Gut Microbiome and Metabolome across Rodent Model Systems. <i>MSystems</i> , <b>2019</b> , 4,	7.6	13
9	The genetic basis for adaptation of model-designed syntrophic co-cultures. <i>PLoS Computational Biology</i> , <b>2019</b> , 15, e1006213	5	13
8	Type I IFNs and CD8 T cells increase intestinal barrier permeability after chronic viral infection. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	13
7	A Multi-Omics Characterization of the Natural Product Potential of Tropical Filamentous Marine Cyanobacteria. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	6
6	A comparison of DNA/RNA extraction protocols for high-throughput sequencing of microbial communities. <i>BioTechniques</i> , <b>2021</b> , 70, 149-159	2.5	5
5	Reference data based insights expand understanding of human metabolomes		4
4	CD8 T cells drive anorexia, dysbiosis, and blooms of a commensal with immunosuppressive potential after viral infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 24998-25007	11.5	4

3	A comparison of six DNA extraction protocols for 16S, ITS2 and shotgun metagenomic sequencing of microbial communities. <i>BioTechniques</i> ,	2.5	3
2	Depression in Individuals Coinfected with HIV and HCV Is Associated with Systematic Differences in the Gut Microbiome and Metabolome. <i>MSystems</i> , <b>2020</b> , 5,	7.6	2
1	The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients.. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2022</b> ,	7.9	2