

Paul Igor Costea

List of Publications by Year in Descending Order

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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.

22 papers	7,572 citations	21 h-index	24 g-index
24 ext. papers	10,863 ext. citations	20.5 avg, IF	5.03 L-index

#	Paper	IF	Citations
22	Antibiotics-induced monodominance of a novel gut bacterial order. <i>Gut</i> , 2019 , 68, 1781-1790	19.2	33
21	Microbial abundance, activity and population genomic profiling with mOTUs2. <i>Nature Communications</i> , 2019 , 10, 1014	17.4	134
20	Extensive transmission of microbes along the gastrointestinal tract. <i>ELife</i> , 2019 , 8,	8.9	158
19	Environment dominates over host genetics in shaping human gut microbiota. <i>Nature</i> , 2018 , 555, 210-215	50.4	1170
18	Enterotypes in the landscape of gut microbial community composition. <i>Nature Microbiology</i> , 2018 , 3, 8-16	26.6	387
17	Metagenomic analysis of gut microbial communities from a Central Asian population. <i>BMJ Open</i> , 2018 , 8, e021682	3	23
16	Similarity of the dog and human gut microbiomes in gene content and response to diet. <i>Microbiome</i> , 2018 , 6, 72	16.6	117
15	Microbial induced mineral precipitations caused by nitrate treatment for souring control during microbial enhanced oil recovery (MEOR). <i>International Biodeterioration and Biodegradation</i> , 2018 , 135, 71-79	4.8	14
14	Towards standards for human fecal sample processing in metagenomic studies. <i>Nature Biotechnology</i> , 2017 , 35, 1069-1076	44.5	355
13	metaSNV: A tool for metagenomic strain level analysis. <i>PLoS ONE</i> , 2017 , 12, e0182392	3.7	64
12	Subspecies in the global human gut microbiome. <i>Molecular Systems Biology</i> , 2017 , 13, 960	12.2	69
11	The microbiomes of blowflies and houseflies as bacterial transmission reservoirs. <i>Scientific Reports</i> , 2017 , 7, 16324	4.9	63
10	Salt-responsive gut commensal modulates T17 axis and disease. <i>Nature</i> , 2017 , 551, 585-589	50.4	553
9	Visualization and analysis of gene expression in tissue sections by spatial transcriptomics. <i>Science</i> , 2016 , 353, 78-82	33.3	944
8	Durable coexistence of donor and recipient strains after fecal microbiota transplantation. <i>Science</i> , 2016 , 352, 586-9	33.3	326
7	Disentangling type 2 diabetes and metformin treatment signatures in the human gut microbiota. <i>Nature</i> , 2015 , 528, 262-266	50.4	1107
6	Ocean plankton. Structure and function of the global ocean microbiome. <i>Science</i> , 2015 , 348, 1261359	33.3	1261

- 5 Temporal and technical variability of human gut metagenomes. *Genome Biology*, **2015**, 16, 73 18.3 108
- 4 A fair comparison. *Nature Methods*, **2014**, 11, 359 21.6 33
- 3 Potential of fecal microbiota for early-stage detection of colorectal cancer. *Molecular Systems Biology*, **2014**, 10, 766 12.2 575
- 2 TagGD: fast and accurate software for DNA Tag generation and demultiplexing. *PLoS ONE*, **2013**, 8, e57524 3.7 33
- 1 Comprehensive analysis of the genome transcriptome and proteome landscapes of three tumor cell lines. *Genome Medicine*, **2012**, 4, 86 14.4 31