

# Paul Igor Costea

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7968682/publications.pdf>

Version: 2024-02-01

23  
papers

12,938  
citations

331538

21  
h-index

610775

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

20748  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and function of the global ocean microbiome. <i>Science</i> , 2015, 348, 1261359.	6.0	2,137
2	Visualization and analysis of gene expression in tissue sections by spatial transcriptomics. <i>Science</i> , 2016, 353, 78-82.	6.0	1,983
3	Environment dominates over host genetics in shaping human gut microbiota. <i>Nature</i> , 2018, 555, 210-215.	13.7	1,958
4	Disentangling type 2 diabetes and metformin treatment signatures in the human gut microbiota. <i>Nature</i> , 2015, 528, 262-266.	13.7	1,627
5	Potential of fecal microbiota for early-stage detection of colorectal cancer. <i>Molecular Systems Biology</i> , 2014, 10, 766.	3.2	991
6	Salt-responsive gut commensal modulates TH17 axis and disease. <i>Nature</i> , 2017, 551, 585-589.	13.7	896
7	Enterotypes in the landscape of gut microbial community composition. <i>Nature Microbiology</i> , 2018, 3, 8-16.	5.9	717
8	Towards standards for human fecal sample processing in metagenomic studies. <i>Nature Biotechnology</i> , 2017, 35, 1069-1076.	9.4	581
9	Durable coexistence of donor and recipient strains after fecal microbiota transplantation. <i>Science</i> , 2016, 352, 586-589.	6.0	461
10	Extensive transmission of microbes along the gastrointestinal tract. <i>ELife</i> , 2019, 8, .	2.8	313
11	Microbial abundance, activity and population genomic profiling with mOTUs2. <i>Nature Communications</i> , 2019, 10, 1014.	5.8	298
12	Similarity of the dog and human gut microbiomes in gene content and response to diet. <i>Microbiome</i> , 2018, 6, 72.	4.9	211
13	Temporal and technical variability of human gut metagenomes. <i>Genome Biology</i> , 2015, 16, 73.	3.8	143
14	Subspecies in the global human gut microbiome. <i>Molecular Systems Biology</i> , 2017, 13, 960.	3.2	115
15	The microbiomes of blowflies and houseflies as bacterial transmission reservoirs. <i>Scientific Reports</i> , 2017, 7, 16324.	1.6	115
16	metaSNV: A tool for metagenomic strain level analysis. <i>PLoS ONE</i> , 2017, 12, e0182392.	1.1	92
17	Antibiotics-induced monodominance of a novel gut bacterial order. <i>Gut</i> , 2019, 68, 1781-1790.	6.1	73
18	A fair comparison. <i>Nature Methods</i> , 2014, 11, 359-359.	9.0	64

#	ARTICLE	IF	CITATIONS
19	TagGD: Fast and Accurate Software for DNA Tag Generation and Demultiplexing. PLoS ONE, 2013, 8, e57521.	1.1	43
20	Comprehensive analysis of the genome transcriptome and proteome landscapes of three tumor cell lines. Genome Medicine, 2012, 4, 86.	3.6	37
21	Metagenomic analysis of gut microbial communities from a Central Asian population. BMJ Open, 2018, 8, e021682.	0.8	31
22	Microbial induced mineral precipitations caused by nitrate treatment for souring control during microbial enhanced oil recovery (MEOR). International Biodeterioration and Biodegradation, 2018, 135, 71-79.	1.9	20
23	metaSNV v2: detection of SNVs and subspecies in prokaryotic metagenomes. Bioinformatics, 2022, 38, 1162-1164.	1.8	11