

# Edi Prifti

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1850121/edi-prifti-publications-by-citations.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44  
papers

10,942  
citations

24  
h-index

52  
g-index

52  
ext. papers

14,372  
ext. citations

17.6  
avg, IF

5.08  
L-index

#	Paper	IF	Citations
44	Richness of human gut microbiome correlates with metabolic markers. <i>Nature</i> , <b>2013</b> , 500, 541-6	50.4	2584
43	Alterations of the human gut microbiome in liver cirrhosis. <i>Nature</i> , <b>2014</b> , 513, 59-64	50.4	1155
42	Dietary intervention impact on gut microbial gene richness. <i>Nature</i> , <b>2013</b> , 500, 585-8	50.4	1135
41	Disentangling type 2 diabetes and metformin treatment signatures in the human gut microbiota. <i>Nature</i> , <b>2015</b> , 528, 262-266	50.4	1107
40	An integrated catalog of reference genes in the human gut microbiome. <i>Nature Biotechnology</i> , <b>2014</b> , 32, 834-41	44.5	1088
39	Human gut microbes impact host serum metabolome and insulin sensitivity. <i>Nature</i> , <b>2016</b> , 535, 376-81	50.4	977
38	Akkermansia muciniphila and improved metabolic health during a dietary intervention in obesity: relationship with gut microbiome richness and ecology. <i>Gut</i> , <b>2016</b> , 65, 426-36	19.2	938
37	Identification and assembly of genomes and genetic elements in complex metagenomic samples without using reference genomes. <i>Nature Biotechnology</i> , <b>2014</b> , 32, 822-8	44.5	624
36	A reference gene catalogue of the pig gut microbiome. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16161	26.6	233
35	Major microbiota dysbiosis in severe obesity: fate after bariatric surgery. <i>Gut</i> , <b>2019</b> , 68, 70-82	19.2	197
34	Specific gut microbiota features and metabolic markers in postmenopausal women with obesity. <i>Nutrition and Diabetes</i> , <b>2015</b> , 5, e159	4.7	134
33	Dietary modulation of the gut microbiota--a randomised controlled trial in obese postmenopausal women. <i>British Journal of Nutrition</i> , <b>2015</b> , 114, 406-17	3.6	102
32	Statin therapy is associated with lower prevalence of gut microbiota dysbiosis. <i>Nature</i> , <b>2020</b> , 581, 310-315	50.4	100
31	FunNet: an integrative tool for exploring transcriptional interactions. <i>Bioinformatics</i> , <b>2008</b> , 24, 2636-8	7.2	72
30	Structural and inflammatory heterogeneity in subcutaneous adipose tissue: relation with liver histopathology in morbid obesity. <i>Journal of Hepatology</i> , <b>2012</b> , 56, 1152-1158	13.4	61
29	Differential effects of macronutrient content in 2 energy-restricted diets on cardiovascular risk factors and adipose tissue cell size in moderately obese individuals: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 49-63	7	46
28	Increased Basement Membrane Components in Adipose Tissue During Obesity: Links With TGF $\beta$ and Metabolic Phenotypes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 2578-87	5.6	43

27	abundance is lower in severe obesity, but its increased level after bariatric surgery is not associated with metabolic health improvement. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 317, E446-E459	6	40
26	From correlation to causality: the case of. <i>Gut Microbes</i> , <b>2020</b> , 12, 1-13	8.8	33
25	Imidazole propionate is increased in diabetes and associated with dietary patterns and altered microbial ecology. <i>Nature Communications</i> , <b>2020</b> , 11, 5881	17.4	29
24	Gut Microbiota Profile of Obese Diabetic Women Submitted to Roux-en-Y Gastric Bypass and Its Association with Food Intake and Postoperative Diabetes Remission. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	27
23	Serum lipidomics reveals early differential effects of gastric bypass compared with banding on phospholipids and sphingolipids independent of differences in weight loss. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 917-925	5.5	26
22	Interactional and functional centrality in transcriptional co-expression networks. <i>Bioinformatics</i> , <b>2010</b> , 26, 3083-9	7.2	25
21	A Data Integration Multi-Omics Approach to Study Calorie Restriction-Induced Changes in Insulin Sensitivity. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1958	4.6	24
20	Interpretable and accurate prediction models for metagenomics data. <i>GigaScience</i> , <b>2020</b> , 9,	7.6	16
19	Macrophage gene expression in adipose tissue is associated with insulin sensitivity and serum lipid levels independent of obesity. <i>Obesity</i> , <b>2013</b> , 21, E571-6	8	14
18	Phosphatidylglycerols are induced by gut dysbiosis and inflammation, and favorably modulate adipose tissue remodeling in obesity. <i>FASEB Journal</i> , <b>2019</b> , 33, 4741-4754	0.9	13
17	Effect of genome and environment on metabolic and inflammatory profiles. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120898	3.7	11
16	Combinatorial, additive and dose-dependent drug-microbiome associations. <i>Nature</i> , <b>2021</b> ,	50.4	11
15	Elevated serum ceramides are linked with obesity-associated gut dysbiosis and impaired glucose metabolism. <i>Metabolomics</i> , <b>2019</b> , 15, 140	4.7	9
14	Capturing the most wanted taxa through cross-sample correlations. <i>ISME Journal</i> , <b>2016</b> , 10, 2459-67	11.9	7
13	Spectral consensus strategy for accurate reconstruction of large biological networks. <i>BMC Bioinformatics</i> , <b>2016</b> , 17, 493	3.6	5
12	The New Science of Metagenomics and the Challenges of Its Use in Both Developed and Developing Countries <b>2015</b> , 191-216		4
11	Microbiome and metabolome features of the cardiometabolic disease spectrum.. <i>Nature Medicine</i> , <b>2022</b> ,	50.5	4
10	Qin et al. reply. <i>Nature</i> , <b>2015</b> , 525, E2-3	50.4	3

9	Gut microbiota changes after metabolic surgery in adult diabetic patients with mild obesity: a randomised controlled trial. <i>Diabetology and Metabolic Syndrome</i> , <b>2021</b> , 13, 56	5.6	3
8	Deep learning analysis of electrocardiogram for risk prediction of drug-induced arrhythmias and diagnosis of long QT syndrome. <i>European Heart Journal</i> , <b>2021</b> , 42, 3948-3961	9.5	3
7	Intestinal alteration of Egustducin and sweet taste signaling pathway in metabolic diseases is partly rescued after weight loss and diabetes remission. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2021</b> , 321, E417-E432	6	2
6	Disease Prediction Using Synthetic Image Representations of Metagenomic Data and Convolutional Neural Networks <b>2019</b> ,		1
5	Altered subcutaneous adipose tissue parameters after switching ART-controlled HIV+ patients to raltegravir/maraviroc. <i>Aids</i> , <b>2021</b> , 35, 1625-1630	3.5	1
4	Protein supplementation during an energy-restricted diet induces visceral fat loss and gut microbiota amino acid metabolism activation: a randomized trial. <i>Scientific Reports</i> , <b>2021</b> , 11, 15620	4.9	1
3	Exploring Semi-Quantitative Metagenomic Studies Using Oxford Nanopore Sequencing: A Computational and Experimental Protocol. <i>Genes</i> , <b>2021</b> , 12,	4.2	1
2	Effect of congenital adrenal hyperplasia treated by glucocorticoids on plasma metabolome: a machine-learning-based analysis. <i>Scientific Reports</i> , <b>2020</b> , 10, 8859	4.9	0
1	Echocardiography and renin-aldosterone interplay as predictors of death in COVID-19.. <i>Archives of Cardiovascular Diseases</i> , <b>2022</b> , 115, 96-96	2.7	