

# Edi Prifti

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

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	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	
43	Microbiome and metabolome features of the cardiometabolic disease spectrum.. <i>Nature Medicine</i> , <b>2022</b> ,	50.5	4
42	Combinatorial, additive and dose-dependent drug-microbiome associations. <i>Nature</i> , <b>2021</b> ,	50.4	11
41	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
40	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
39	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
38	Exploring Semi-Quantitative Metagenomic Studies Using Oxford Nanopore Sequencing: A Computational and Experimental Protocol. <i>Genes</i> , <b>2021</b> , 12,	4.2	1
37	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
36	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
35	Statin therapy is associated with lower prevalence of gut microbiota dysbiosis. <i>Nature</i> , <b>2020</b> , 581, 310-315	50.4	100
34	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
33	Interpretable and accurate prediction models for metagenomics data. <i>GigaScience</i> , <b>2020</b> , 9,	7.6	16
32	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
31	From correlation to causality: the case of. <i>Gut Microbes</i> , <b>2020</b> , 12, 1-13	8.8	33
30	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
29	Disease Prediction Using Synthetic Image Representations of Metagenomic Data and Convolutional Neural Networks <b>2019</b> ,		1
28	Major microbiota dysbiosis in severe obesity: fate after bariatric surgery. <i>Gut</i> , <b>2019</b> , 68, 70-82	19.2	197

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	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
25	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
24	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
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	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
21	Human gut microbes impact host serum metabolome and insulin sensitivity. <i>Nature</i> , <b>2016</b> , 535, 376-81	50.4	977
20	A reference gene catalogue of the pig gut microbiome. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16161	26.6	233
19	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
18	Capturing the most wanted taxa through cross-sample correlations. <i>ISME Journal</i> , <b>2016</b> , 10, 2459-67	11.9	7
17	Spectral consensus strategy for accurate reconstruction of large biological networks. <i>BMC Bioinformatics</i> , <b>2016</b> , 17, 493	3.6	5
16	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
15	The New Science of Metagenomics and the Challenges of Its Use in Both Developed and Developing Countries <b>2015</b> , 191-216		4
14	Qin et al. reply. <i>Nature</i> , <b>2015</b> , 525, E2-3	50.4	3
13	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
12	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
11	Effect of genome and environment on metabolic and inflammatory profiles. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120898	3.7	11
10	Alterations of the human gut microbiome in liver cirrhosis. <i>Nature</i> , <b>2014</b> , 513, 59-64	50.4	1155

9	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
8	An integrated catalog of reference genes in the human gut microbiome. <i>Nature Biotechnology</i> , <b>2014</b> , 32, 834-41	44.5	1088
7	Richness of human gut microbiome correlates with metabolic markers. <i>Nature</i> , <b>2013</b> , 500, 541-6	50.4	2584
6	Dietary intervention impact on gut microbial gene richness. <i>Nature</i> , <b>2013</b> , 500, 585-8	50.4	1135
5	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
4	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
3	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
2	Interactional and functional centrality in transcriptional co-expression networks. <i>Bioinformatics</i> , <b>2010</b> , 26, 3083-9	7.2	25
1	FunNet: an integrative tool for exploring transcriptional interactions. <i>Bioinformatics</i> , <b>2008</b> , 24, 2636-8	7.2	72