

# Type 2 Diabetes Biomarkers of Human Gut Microbiota S Independent Screening Method

PLoS ONE

10, e0140827

DOI: [10.1371/journal.pone.0140827](https://doi.org/10.1371/journal.pone.0140827)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Genome-Wide Studies of Type 2 Diabetes and Lipid Traits in Hispanics. <i>Current Diabetes Reports</i> , 2016, 16, 41.	1.7	10
2	Structural modulation of the gut microbiota and the relationship with body weight: compared evaluation of liraglutide and saxagliptin treatment. <i>Scientific Reports</i> , 2016, 6, 33251.	1.6	117
3	Machine Learning and Data Mining Methods in Diabetes Research. <i>Computational and Structural Biotechnology Journal</i> , 2017, 15, 104-116.	1.9	842
4	Metaproteomics as a Complementary Approach to Gut Microbiota in Health and Disease. <i>Frontiers in Chemistry</i> , 2017, 5, 4.	1.8	67
5	Human genome-microbiome interaction: metagenomics frontiers for the aetiopathology of autoimmune diseases. <i>Microbial Genomics</i> , 2017, 3, e000112.	1.0	11
6	Proteomic and Metaproteomic Approaches to Understand Host-Microbe Interactions. <i>Analytical Chemistry</i> , 2018, 90, 86-109.	3.2	44
7	Machine Learning Analysis of Inflammatory Bowel Disease-Associated Metagenomics Dataset. , 2018, , .		8
8	Novel human microbe-disease associations inference based on network consistency projection. <i>Scientific Reports</i> , 2018, 8, 8034.	1.6	16
9	Metagenomics Biomarkers Selected for Prediction of Three Different Diseases in Chinese Population. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	22
10	Commensal Homeostasis of Gut Microbiota-Host for the Impact of Obesity. <i>Frontiers in Physiology</i> , 2017, 8, 1122.	1.3	29
11	A Glucagon-Like Peptide-1 Receptor Agonist Lowers Weight by Modulating the Structure of Gut Microbiota. <i>Frontiers in Endocrinology</i> , 2018, 9, 233.	1.5	90
12	Early-life food nutrition, microbiota maturation and immune development shape life-long health. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, S30-S38.	5.4	19
13	Can functional oligosaccharides reduce the risk of diabetes mellitus?. <i>FASEB Journal</i> , 2019, 33, 11655-11667.	0.2	25
14	The interaction between the gut Microbiota and herbal medicines. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109252.	2.5	98
15	Current Techniques for Diabetes Prediction: Review and Case Study. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4604.	1.3	84
16	Machine Learning to Identify Predictors of Glycemic Control in Type 2 Diabetes: An Analysis of Target HbA1c Reduction Using Empagliflozin/Linagliptin Data. <i>Pharmaceutical Medicine</i> , 2019, 33, 209-217.	1.0	7
17	Understanding the gut-kidney axis among biopsy-proven diabetic nephropathy, type 2 diabetes mellitus and healthy controls: an analysis of the gut microbiota composition. <i>Acta Diabetologica</i> , 2019, 56, 581-592.	1.2	110
18	Comparing different supervised machine learning algorithms for disease prediction. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 281.	1.5	716

#	ARTICLE	IF	CITATIONS
19	Comparison of Bioinformatics Pipelines and Operating Systems for the Analyses of 16S rRNA Gene Amplicon Sequences in Human Fecal Samples. <i>Frontiers in Microbiology</i> , 2020, 11, 1262.	1.5	36
20	Insights into the gut microbiota of Nigerian elderly with type 2 diabetes and non-diabetic elderly persons. <i>Heliyon</i> , 2020, 6, e03971.	1.4	15
21	Effective Disease Prediction on Gene Family Abundance Using Feature Selection and Binning Approach. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 19-28.	0.3	1
22	Gene Family Abundance Visualization based on Feature Selection Combined Deep Learning to Improve Disease Diagnosis. <i>Journal of Engineering and Technological Sciences</i> , 2021, 53, 210109.	0.3	1
23	Gut Microbiota Composition and Its Metabolites in Different Stages of Chronic Kidney Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 3881.	1.0	8
24	Microbiome analysis reveals the significant changes in gut microbiota of diarrheic Baer's Pochards ( <i>Aythya baeri</i> ). <i>Microbial Pathogenesis</i> , 2021, 157, 105015.	1.3	10
25	Prediction and classification of diabetes mellitus using genomic data. , 2021, , 235-292.		6
26	Machine Learning Algorithms for Diabetes Prediction. , 2019, , .		8
27	Semi-Supervised Machine Learning Algorithm for Predicting Diabetes Using Big Data Analytics. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020, , 139-149.	0.9	4
28	Manoeuvre of Machine Learning Algorithms in Healthcare Sector with Application to Polycystic Ovarian Syndrome Diagnosis. <i>Advances in Intelligent Systems and Computing</i> , 2022, , 71-84.	0.5	5
29	A deep learning model for identification of diabetes type 2 based on nucleotide signals. <i>Neural Computing and Applications</i> , 2022, 34, 12587-12599.	3.2	7
32	Analysis of intestinal short-chain fatty acid metabolism profile after probiotics and GLP-1 treatment for type 2 diabetes mellitus. <i>Biochemical and Biophysical Research Communications</i> , 2022, , .	1.0	0
33	Analysis of Intestinal Short-Chain Fatty Acid Metabolism Profile After Probiotics and GLP-1 Treatment for Type 2 Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	2
34	The diagnostic potential and barriers of microbiome based therapeutics. <i>Diagnosis</i> , 2022, , .	1.2	4
35	Identifying microbial signatures for patients with postmenopausal osteoporosis using gut microbiota analyses and feature selection approaches. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	1
36	Semiparametric penalized quadratic inference functions for longitudinal data in ultra-high dimensions. <i>Journal of Multivariate Analysis</i> , 2023, 196, 105175.	0.5	0
41	Exploring the Intersection of Machine Learning and Causality in Advanced Diabetes Management: New Insight and Opportunities. <i>Synthesis Lectures on Engineering Science and Technology</i> , 2024, , 237-262.	0.2	0