

# Tal Korem

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2686282/publications.pdf>

Version: 2024-02-01

26  
papers

10,585  
citations

430874

18  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

15304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Personal Glycemic Responses to Food for Individuals With Type 1 Diabetes Through Integration of Clinical and Microbial Data. <i>Diabetes Care</i> , 2022, 45, 502-511.	8.6	15
2	The Gut Microbiome of Adults With Type 1 Diabetes and Its Association With the Host Glycemic Control. <i>Diabetes Care</i> , 2022, 45, 555-563.	8.6	19
3	Accurate and robust inference of microbial growth dynamics from metagenomic sequencing reveals personalized growth rates. <i>Genome Research</i> , 2022, 32, 558-568.	5.5	23
4	Deciphering metabolism, one microbe at a time. <i>Nature</i> , 2021, 595, 355-357.	27.8	0
5	Embracing Metagenomic Complexity with a Genome-Free Approach. <i>MSystems</i> , 2021, 6, e0081621.	3.8	9
6	Minimal Associations between Short-Term Dietary Intake and Salivary Microbiome Composition. <i>Microorganisms</i> , 2021, 9, 1739.	3.6	2
7	The hygiene hypothesis, the COVID pandemic, and consequences for the human microbiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	100
8	A non-optimal cervicovaginal microbiota in pregnancy is associated with a distinct metabolomic signature among non-Hispanic Black individuals. <i>Scientific Reports</i> , 2021, 11, 22794.	3.3	8
9	Longitudinal Multi-omics Reveals Subset-Specific Mechanisms Underlying Irritable Bowel Syndrome. <i>Cell</i> , 2020, 182, 1460-1473.e17.	28.9	217
10	A reference map of potential determinants for the human serum metabolome. <i>Nature</i> , 2020, 588, 135-140.	27.8	230
11	The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View. <i>Trends in Cancer</i> , 2020, 6, 192-204.	7.4	162
12	Relationship of the Esophageal Microbiome and Tissue Gene Expression and Links to the Oral Microbiome: A Randomized Clinical Trial. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00235.	2.5	13
13	Structural variation in the gut microbiome associates with host health. <i>Nature</i> , 2019, 568, 43-48.	27.8	244
14	Environment dominates over host genetics in shaping human gut microbiota. <i>Nature</i> , 2018, 555, 210-215.	27.8	1,958
15	Post-Antibiotic Gut Mucosal Microbiome Reconstitution Is Impaired by Probiotics and Improved by Autologous FMT. <i>Cell</i> , 2018, 174, 1406-1423.e16.	28.9	752
16	Involvement of a gut-retina axis in protection against dietary glycemia-induced age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4472-E4481.	7.1	179
17	Bread Affects Clinical Parameters and Induces Gut Microbiome-Associated Personal Glycemic Responses. <i>Cell Metabolism</i> , 2017, 25, 1243-1253.e5.	16.2	233
18	Microbiota Diurnal Rhythmicity Programs Host Transcriptome Oscillations. <i>Cell</i> , 2016, 167, 1495-1510.e12.	28.9	591

#	ARTICLE	IF	CITATIONS
19	Taking it Personally: Personalized Utilization of the Human Microbiome in Health and Disease. Cell Host and Microbe, 2016, 19, 12-20.	11.0	192
20	Microbiota-Modulated Metabolites Shape the Intestinal Microenvironment by Regulating NLRP6 Inflammasome Signaling. Cell, 2015, 163, 1428-1443.	28.9	728
21	Growth dynamics of gut microbiota in health and disease inferred from single metagenomic samples. Science, 2015, 349, 1101-1106.	12.6	382
22	Non-caloric artificial sweeteners and the microbiome: findings and challenges. Gut Microbes, 2015, 6, 149-155.	9.8	152
23	Artificial Sweeteners Induce Glucose Intolerance by Altering the Gut Microbiota. Obstetrical and Gynecological Survey, 2015, 70, 31-32.	0.4	6
24	Personalized Nutrition by Prediction of Glycemic Responses. Cell, 2015, 163, 1079-1094.	28.9	1,816
25	Transkingdom Control of Microbiota Diurnal Oscillations Promotes Metabolic Homeostasis. Cell, 2014, 159, 514-529.	28.9	984
26	Artificial sweeteners induce glucose intolerance by altering the gut microbiota. Nature, 2014, 514, 181-186.	27.8	1,529