

Tal Korem

List of Publications by Year in descending order

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26
papers

10,585
citations

430442

18
h-index

552369

26
g-index

30
all docs

30
docs citations

30
times ranked

15304
citing authors

#	ARTICLE	IF	CITATIONS
1	Environment dominates over host genetics in shaping human gut microbiota. <i>Nature</i> , 2018, 555, 210-215.	13.7	1,958
2	Personalized Nutrition by Prediction of Glycemic Responses. <i>Cell</i> , 2015, 163, 1079-1094.	13.5	1,816
3	Artificial sweeteners induce glucose intolerance by altering the gut microbiota. <i>Nature</i> , 2014, 514, 181-186.	13.7	1,529
4	Transkingdom Control of Microbiota Diurnal Oscillations Promotes Metabolic Homeostasis. <i>Cell</i> , 2014, 159, 514-529.	13.5	984
5	Post-Antibiotic Gut Mucosal Microbiome Reconstitution Is Impaired by Probiotics and Improved by Autologous FMT. <i>Cell</i> , 2018, 174, 1406-1423.e16.	13.5	752
6	Microbiota-Modulated Metabolites Shape the Intestinal Microenvironment by Regulating NLRP6 Inflammasome Signaling. <i>Cell</i> , 2015, 163, 1428-1443.	13.5	728
7	Microbiota Diurnal Rhythmicity Programs Host Transcriptome Oscillations. <i>Cell</i> , 2016, 167, 1495-1510.e12.	13.5	591
8	Growth dynamics of gut microbiota in health and disease inferred from single metagenomic samples. <i>Science</i> , 2015, 349, 1101-1106.	6.0	382
9	Structural variation in the gut microbiome associates with host health. <i>Nature</i> , 2019, 568, 43-48.	13.7	244
10	Bread Affects Clinical Parameters and Induces Gut Microbiome-Associated Personal Glycemic Responses. <i>Cell Metabolism</i> , 2017, 25, 1243-1253.e5.	7.2	233
11	A reference map of potential determinants for the human serum metabolome. <i>Nature</i> , 2020, 588, 135-140.	13.7	230
12	Longitudinal Multi-omics Reveals Subset-Specific Mechanisms Underlying Irritable Bowel Syndrome. <i>Cell</i> , 2020, 182, 1460-1473.e17.	13.5	217
13	Taking it Personally: Personalized Utilization of the Human Microbiome in Health and Disease. <i>Cell Host and Microbe</i> , 2016, 19, 12-20.	5.1	192
14	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.	3.3	179
15	The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View. <i>Trends in Cancer</i> , 2020, 6, 192-204.	3.8	162
16	Non-caloric artificial sweeteners and the microbiome: findings and challenges. <i>Gut Microbes</i> , 2015, 6, 149-155.	4.3	152
17	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, .	3.3	100
18	Accurate and robust inference of microbial growth dynamics from metagenomic sequencing reveals personalized growth rates. <i>Genome Research</i> , 2022, 32, 558-568.	2.4	23

#	ARTICLE	IF	CITATIONS
19	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.	4.3	19
20	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.	4.3	15
21	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.	1.3	13
22	Embracing Metagenomic Complexity with a Genome-Free Approach. <i>MSystems</i> , 2021, 6, e0081621.	1.7	9
23	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.	1.6	8
24	Artificial Sweeteners Induce Glucose Intolerance by Altering the Gut Microbiota. <i>Obstetrical and Gynecological Survey</i> , 2015, 70, 31-32.	0.2	6
25	Minimal Associations between Short-Term Dietary Intake and Salivary Microbiome Composition. <i>Microorganisms</i> , 2021, 9, 1739.	1.6	2
26	Deciphering metabolism, one microbe at a time. <i>Nature</i> , 2021, 595, 355-357.	13.7	0