

# Adina Weinberger

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

9,651  
citations

236925

25  
h-index

395702

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

14716  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environment dominates over host genetics in shaping human gut microbiota. <i>Nature</i> , 2018, 555, 210-215.	27.8	1,958
2	Personalized Nutrition by Prediction of Glycemic Responses. <i>Cell</i> , 2015, 163, 1079-1094.	28.9	1,816
3	Artificial sweeteners induce glucose intolerance by altering the gut microbiota. <i>Nature</i> , 2014, 514, 181-186.	27.8	1,529
4	The human tumor microbiome is composed of tumor type-specific intracellular bacteria. <i>Science</i> , 2020, 368, 973-980.	12.6	1,077
5	Inferring gene regulatory logic from high-throughput measurements of thousands of systematically designed promoters. <i>Nature Biotechnology</i> , 2012, 30, 521-530.	17.5	439
6	Growth dynamics of gut microbiota in health and disease inferred from single metagenomic samples. <i>Science</i> , 2015, 349, 1101-1106.	12.6	382
7	Systematic discovery of cap-independent translation sequences in human and viral genomes. <i>Science</i> , 2016, 351, .	12.6	258
8	Structural variation in the gut microbiome associates with host health. <i>Nature</i> , 2019, 568, 43-48.	27.8	244
9	Bread Affects Clinical Parameters and Induces Gut Microbiome-Associated Personal Glycemic Responses. <i>Cell Metabolism</i> , 2017, 25, 1243-1253.e5.	16.2	233
10	A reference map of potential determinants for the human serum metabolome. <i>Nature</i> , 2020, 588, 135-140.	27.8	230
11	Identification of bacteria-derived HLA-bound peptides in melanoma. <i>Nature</i> , 2021, 592, 138-143.	27.8	187
12	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
13	Massively Parallel Interrogation of the Effects of Gene Expression Levels on Fitness. <i>Cell</i> , 2016, 166, 1282-1294.e18.	28.9	168
14	Unraveling determinants of transcription factor binding outside the core binding site. <i>Genome Research</i> , 2015, 25, 1018-1029.	5.5	146
15	Core promoter sequence in yeast is a major determinant of expression level. <i>Genome Research</i> , 2015, 25, 1008-1017.	5.5	94
16	Systematic interrogation of human promoters. <i>Genome Research</i> , 2019, 29, 171-183.	5.5	92
17	Noise in gene expression is coupled to growth rate. <i>Genome Research</i> , 2015, 25, 1893-1902.	5.5	83
18	Metabolomic and microbiome profiling reveals personalized risk factors for coronary artery disease. <i>Nature Medicine</i> , 2022, 28, 295-302.	30.7	74

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19	Personalized Postprandial Glucose Response—Targeting Diet Versus Mediterranean Diet for Glycemic Control in Prediabetes. <i>Diabetes Care</i> , 2021, 44, 1980-1991.	8.6	55
20	Systematic Investigation of Transcription Factor Activity in the Context of Chromatin Using Massively Parallel Binding and Expression Assays. <i>Molecular Cell</i> , 2017, 65, 604-617.e6.	9.7	48
21	Use of Faecal Transplantation with a Novel Diet for Mild to Moderate Active Ulcerative Colitis: The CRAFT UC Randomised Controlled Trial. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 369-378.	1.3	48
22	Effects of personalized diets by prediction of glycemic responses on glycemic control and metabolic health in newly diagnosed T2DM: a randomized dietary intervention pilot trial. <i>BMC Medicine</i> , 2022, 20, 56.	5.5	44
23	Population-wide diversity and stability of serum antibody epitope repertoires against human microbiota. <i>Nature Medicine</i> , 2021, 27, 1442-1450.	30.7	38
24	Potential role of indolelactate and butyrate in multiple sclerosis revealed by integrated microbiome-metabolome analysis. <i>Cell Reports Medicine</i> , 2021, 2, 100246.	6.5	37
25	Unraveling the determinants of microRNA mediated regulation using a massively parallel reporter assay. <i>Nature Communications</i> , 2018, 9, 529.	12.8	36
26	Large-scale mapping of gene regulatory logic reveals context-dependent repression by transcriptional activators. <i>Genome Research</i> , 2017, 27, 87-94.	5.5	28
27	Cross-reactive antibodies against human coronaviruses and the animal coronavirome suggest diagnostics for future zoonotic spillovers. <i>Science Immunology</i> , 2021, 6, .	11.9	26
28	Sequence determinants of polyadenylation-mediated regulation. <i>Genome Research</i> , 2019, 29, 1635-1647.	5.5	19
29	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
30	Molecular dissection of the genetic mechanisms that underlie expression conservation in orthologous yeast ribosomal promoters. <i>Genome Research</i> , 2014, 24, 1991-1999.	5.5	17
31	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
32	10 <sup>5</sup> K: a large-scale prospective longitudinal study in Israel. <i>European Journal of Epidemiology</i> , 2021, 36, 1187-1194.	5.7	9
33	Unified platform for genetic and serological detection of COVID-19 with single-molecule technology. <i>PLoS ONE</i> , 2021, 16, e0255096.	2.5	5