Maayan Levy

List of Publications by Year
in descending order

39 papers	9,713 citations	185998 28 h-index	315357 38 g-index
39 all docs	39 docs citations	39 times ranked	15310 citing authors

#	Article	IF	Citations
1	The microbiome and innate immunity. Nature, 2016, 535, 65-74.	13.7	1,502
2	Dysbiosis and the immune system. Nature Reviews Immunology, 2017, 17, 219-232.	10.6	1,102
3	Transkingdom Control of Microbiota Diurnal Oscillations Promotes Metabolic Homeostasis. Cell, 2014, 159, 514-529.	13.5	984
4	Microbiota-Modulated Metabolites Shape the Intestinal Microenvironment by Regulating NLRP6 Inflammasome Signaling. Cell, 2015, 163, 1428-1443.	13.5	728
5	Microbiota Diurnal Rhythmicity Programs Host Transcriptome Oscillations. Cell, 2016, 167, 1495-1510.e12.	13.5	591
6	Hyperglycemia drives intestinal barrier dysfunction and risk for enteric infection. Science, 2018, 359, 1376-1383.	6.0	582
7	NLRP6 Inflammasome Orchestrates the Colonic Host-Microbial Interface by Regulating Goblet Cell Mucus Secretion. Cell, 2014, 156, 1045-1059.	13.5	549
8	The Spectrum and Regulatory Landscape of Intestinal Innate Lymphoid Cells Are Shaped by the Microbiome. Cell, 2016, 166, 1231-1246.e13.	13.5	465
9	Persistent microbiome alterations modulate the rate of post-dieting weight regain. Nature, 2016, 540, 544-551.	13.7	371
10	Microbiome, metabolites and host immunity. Current Opinion in Microbiology, 2017, 35, 8-15.	2.3	334
11	Metabolites: messengers between the microbiota and the immune system. Genes and Development, 2016, 30, 1589-1597.	2.7	321
12	Microbiome-Modulated Metabolites at the Interface of Host Immunity. Journal of Immunology, 2017, 198, 572-580.	0.4	282
13	Nuclear Retention of mRNA in Mammalian Tissues. Cell Reports, 2015, 13, 2653-2662.	2.9	233
14	The Role of the Immune System in Metabolic Health and Disease. Cell Metabolism, 2017, 25, 506-521.	7.2	223
15	The gut microbiota regulates white adipose tissue inflammation and obesity via a family of microRNAs. Science Translational Medicine, 2019, 11, .	5.8	192
16	The cross talk between microbiota and the immune system: metabolites take center stage. Current Opinion in Immunology, 2014, 30, 54-62.	2.4	159
17	Integration of Innate Immune Signaling. Trends in Immunology, 2016, 37, 84-101.	2.9	155
18	Î²-Hydroxybutyrate suppresses colorectal cancer. Nature, 2022, 605, 160-165.	13.7	120

#	Article	IF	Citations
19	The interplay between the innate immune system and the microbiota. Current Opinion in Immunology, 2014, 26, 41-48.	2.4	111
20	NLRP6: A Multifaceted Innate Immune Sensor. Trends in Immunology, 2017, 38, 248-260.	2.9	108
21	High-Throughput Screen Identifies Host and Microbiota Regulators of Intestinal Barrier Function. Gastroenterology, 2020, 159, 1807-1823.	0.6	102
22	New Approaches to Microbiome-Based Therapies. MSystems, 2019, 4, .	1.7	81
23	Metagenomic cross-talk: the regulatory interplay between immunogenomics and the microbiome. Genome Medicine, 2015, 7, 120.	3.6	68
24	A day in the life of the meta-organism: diurnal rhythms of the intestinal microbiome and its host. Gut Microbes, 2015, 6, 137-142.	4.3	59
25	Sequential BMP7/TGF-Î²1 signaling and microbiota instruct mucosal Langerhans cell differentiation. Journal of Experimental Medicine, 2018, 215, 481-500.	4.2	52
26	Taming the inflammasome. Nature Medicine, 2015, 21, 213-215.	15.2	40
27	Citrobacter rodentium Relies on Commensals for Colonization of the Colonic Mucosa. Cell Reports, 2017, 21, 3381-3389.	2.9	40
28	Inflammasomes and the microbiotaâ€”partners in the preservation of mucosal homeostasis. Seminars in Immunopathology, 2015, 37, 39-46.	2.8	30
29	Brief report: miR-290â€“295 regulate embryonic stem cell differentiation propensities by repressing pax6. Stem Cells, 2013, 31, 2266-2272.	1.4	29
30	Quantitative analysis of protein-protein interactions and post-translational modifications in rare immune populations. Nature Communications, 2017, 8, 1524.	5.8	26
31	The bidirectional nature of microbiome-epithelial cell interactions. Current Opinion in Microbiology, 2020, 56, 45-51.	2.3	25
32	Chronobiomics: The Biological Clock as a New Principle in Hostâ€“Microbial Interactions. PLoS Pathogens, 2015, 11, e1005113.	2.1	19
33	A non-optimal cervicovaginal microbiota in pregnancy is associated with a distinct metabolomic signature among non-Hispanic Black individuals. Scientific Reports, 2021, 11, 22794.	1.6	8
34	Weak Microbial Metabolites: a Treasure Trove for Using Biomimicry to Discover and Optimize Drugs. Molecular Pharmacology, 2020, 98, 343-349.	1.0	6
35	Second trimester short cervix is associated with decreased abundance of cervicovaginal lipid metabolites. American Journal of Obstetrics and Gynecology, 2022, 227, 273.e1-273.e18.	0.7	6
36	The biogeography of colonization resistance. Nature Microbiology, 2020, 5, 234-235.	5.9	4

#	Article	IF	Citations
37	Small molecules, big effects: microbial metabolites in intestinal immunity. American Journal of Physiology - Renal Physiology, 2020, 318, G907-G911.	1.6	4
38	The Microbiota: A New Player in the Etiology of Colorectal Cancer. Current Colorectal Cancer Reports, 2014, 10, 1-8.	1.0	2
39	Microbial memories. Immunity, 2021, 54, 201-204.	6.6	0