

Maayan Levy

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

9,713
citations

186265
28
h-index

315739
38
g-index

39
all docs

39
docs citations

39
times ranked

15310
citing authors

#	ARTICLE	IF	CITATIONS
1	The microbiome and innate immunity. <i>Nature</i> , 2016, 535, 65-74.	27.8	1,502
2	Dysbiosis and the immune system. <i>Nature Reviews Immunology</i> , 2017, 17, 219-232.	22.7	1,102
3	Transkingdom Control of Microbiota Diurnal Oscillations Promotes Metabolic Homeostasis. <i>Cell</i> , 2014, 159, 514-529.	28.9	984
4	Microbiota-Modulated Metabolites Shape the Intestinal Microenvironment by Regulating NLRP6 Inflammasome Signaling. <i>Cell</i> , 2015, 163, 1428-1443.	28.9	728
5	Microbiota Diurnal Rhythmicity Programs Host Transcriptome Oscillations. <i>Cell</i> , 2016, 167, 1495-1510.e12.	28.9	591
6	Hyperglycemia drives intestinal barrier dysfunction and risk for enteric infection. <i>Science</i> , 2018, 359, 1376-1383.	12.6	582
7	NLRP6 Inflammasome Orchestrates the Colonic Host-Microbial Interface by Regulating Goblet Cell Mucus Secretion. <i>Cell</i> , 2014, 156, 1045-1059.	28.9	549
8	The Spectrum and Regulatory Landscape of Intestinal Innate Lymphoid Cells Are Shaped by the Microbiome. <i>Cell</i> , 2016, 166, 1231-1246.e13.	28.9	465
9	Persistent microbiome alterations modulate the rate of post-dieting weight regain. <i>Nature</i> , 2016, 540, 544-551.	27.8	371
10	Microbiome, metabolites and host immunity. <i>Current Opinion in Microbiology</i> , 2017, 35, 8-15.	5.1	334
11	Metabolites: messengers between the microbiota and the immune system. <i>Genes and Development</i> , 2016, 30, 1589-1597.	5.9	321
12	Microbiome-Modulated Metabolites at the Interface of Host Immunity. <i>Journal of Immunology</i> , 2017, 198, 572-580.	0.8	282
13	Nuclear Retention of mRNA in Mammalian Tissues. <i>Cell Reports</i> , 2015, 13, 2653-2662.	6.4	233
14	The Role of the Immune System in Metabolic Health and Disease. <i>Cell Metabolism</i> , 2017, 25, 506-521.	16.2	223
15	The gut microbiota regulates white adipose tissue inflammation and obesity via a family of microRNAs. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	192
16	The cross talk between microbiota and the immune system: metabolites take center stage. <i>Current Opinion in Immunology</i> , 2014, 30, 54-62.	5.5	159
17	Integration of Innate Immune Signaling. <i>Trends in Immunology</i> , 2016, 37, 84-101.	6.8	155
18	Î²-Hydroxybutyrate suppresses colorectal cancer. <i>Nature</i> , 2022, 605, 160-165.	27.8	120

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19	The interplay between the innate immune system and the microbiota. <i>Current Opinion in Immunology</i> , 2014, 26, 41-48.	5.5	111
20	NLRP6: A Multifaceted Innate Immune Sensor. <i>Trends in Immunology</i> , 2017, 38, 248-260.	6.8	108
21	High-Throughput Screen Identifies Host and Microbiota Regulators of Intestinal Barrier Function. <i>Gastroenterology</i> , 2020, 159, 1807-1823.	1.3	102
22	New Approaches to Microbiome-Based Therapies. <i>MSystems</i> , 2019, 4, .	3.8	81
23	Metagenomic cross-talk: the regulatory interplay between immunogenomics and the microbiome. <i>Genome Medicine</i> , 2015, 7, 120.	8.2	68
24	A day in the life of the meta-organism: diurnal rhythms of the intestinal microbiome and its host. <i>Gut Microbes</i> , 2015, 6, 137-142.	9.8	59
25	Sequential BMP7/TGF- β 1 signaling and microbiota instruct mucosal Langerhans cell differentiation. <i>Journal of Experimental Medicine</i> , 2018, 215, 481-500.	8.5	52
26	Taming the inflammasome. <i>Nature Medicine</i> , 2015, 21, 213-215.	30.7	40
27	<i>Citrobacter rodentium</i> Relies on Commensals for Colonization of the Colonic Mucosa. <i>Cell Reports</i> , 2017, 21, 3381-3389.	6.4	40
28	Inflammasomes and the microbiotaâ€”partners in the preservation of mucosal homeostasis. <i>Seminars in Immunopathology</i> , 2015, 37, 39-46.	6.1	30
29	Brief report: miR-290â€”295 regulate embryonic stem cell differentiation propensities by repressing pax6. <i>Stem Cells</i> , 2013, 31, 2266-2272.	3.2	29
30	Quantitative analysis of protein-protein interactions and post-translational modifications in rare immune populations. <i>Nature Communications</i> , 2017, 8, 1524.	12.8	26
31	The bidirectional nature of microbiome-epithelial cell interactions. <i>Current Opinion in Microbiology</i> , 2020, 56, 45-51.	5.1	25
32	Chronobiomics: The Biological Clock as a New Principle in Hostâ€”Microbial Interactions. <i>PLoS Pathogens</i> , 2015, 11, e1005113.	4.7	19
33	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
34	Weak Microbial Metabolites: a Treasure Trove for Using Biomimicry to Discover and Optimize Drugs. <i>Molecular Pharmacology</i> , 2020, 98, 343-349.	2.3	6
35	Second trimester short cervix is associated with decreased abundance of cervicovaginal lipid metabolites. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 273.e1-273.e18.	1.3	6
36	The biogeography of colonization resistance. <i>Nature Microbiology</i> , 2020, 5, 234-235.	13.3	4

#	ARTICLE	IF	CITATIONS
37	Small molecules, big effects: microbial metabolites in intestinal immunity. American Journal of Physiology - Renal Physiology, 2020, 318, G907-G911.	3.4	4
38	The Microbiota: A New Player in the Etiology of Colorectal Cancer. Current Colorectal Cancer Reports, 2014, 10, 1-8.	0.5	2
39	Microbial memories. Immunity, 2021, 54, 201-204.	14.3	0