

Chandani Desai

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,236
citations

687363

13
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

2250
citing authors

#	ARTICLE	IF	CITATIONS
1	Lactobacillus-Deficient Cervicovaginal Bacterial Communities Are Associated with Increased HIV Acquisition in Young South African Women. <i>Immunity</i> , 2017, 46, 29-37.	14.3	488
2	Tropism for tuft cells determines immune promotion of norovirus pathogenesis. <i>Science</i> , 2018, 360, 204-208.	12.6	187
3	Oral Antibiotic Treatment of Mice Exacerbates the Disease Severity of Multiple Flavivirus Infections. <i>Cell Reports</i> , 2018, 22, 3440-3453.e6.	6.4	97
4	SIV Infection-Mediated Changes in Gastrointestinal Bacterial Microbiome and Virome Are Associated with Immunodeficiency and Prevented by Vaccination. <i>Cell Host and Microbe</i> , 2016, 19, 323-335.	11.0	78
5	Evaluating microbiome-directed fibre snacks in gnotobiotic mice and humans. <i>Nature</i> , 2021, 595, 91-95.	27.8	70
6	A Secreted Viral Nonstructural Protein Determines Intestinal Norovirus Pathogenesis. <i>Cell Host and Microbe</i> , 2019, 25, 845-857.e5.	11.0	57
7	Autophagy Genes Enhance Murine Gammaherpesvirus 68 Reactivation from Latency by Preventing Virus-Induced Systemic Inflammation. <i>Cell Host and Microbe</i> , 2016, 19, 91-101.	11.0	56
8	Select autophagy genes maintain quiescence of tissue-resident macrophages and increase susceptibility to <i>Listeria monocytogenes</i> . <i>Nature Microbiology</i> , 2020, 5, 272-281.	13.3	36
9	Autophagy genes in myeloid cells counteract IFN γ -induced TNF-mediated cell death and fatal TNF-induced shock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16497-16506.	7.1	35
10	An Evolutionary Insertion in the Mxra8 Receptor-Binding Site Confers Resistance to Alphavirus Infection and Pathogenesis. <i>Cell Host and Microbe</i> , 2020, 27, 428-440.e9.	11.0	26
11	Microbial liberation of N-methylserotonin from orange fiber in gnotobiotic mice and humans. <i>Cell</i> , 2022, 185, 2495-2509.e11.	28.9	26
12	Homeostatic interferon-lambda response to bacterial microbiota stimulates preemptive antiviral defense within discrete pockets of intestinal epithelium. <i>ELife</i> , 2022, 11, .	6.0	25
13	Growth velocity in children with Environmental Enteric Dysfunction is associated with specific bacterial and viral taxa of the gastrointestinal tract in Malawian children. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008387.	3.0	19
14	An approach for evaluating the effects of dietary fiber polysaccharides on the human gut microbiome and plasma proteome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2123411119.	7.1	12
15	LysMD3 is a type II membrane protein without an role in the response to a range of pathogens. <i>Journal of Biological Chemistry</i> , 2018, 293, 6022-6038.	3.4	11
16	Intestinal antiviral signaling is controlled by autophagy gene <i>Epg5</i> independent of the microbiota. <i>Autophagy</i> , 2022, 18, 1062-1077.	9.1	6
17	Implications of a highly divergent dengue virus strain for cross-neutralization, protection, and vaccine immunity. <i>Cell Host and Microbe</i> , 2021, 29, 1634-1648.e5.	11.0	5