

Timothy J Nice

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,561
citations

361413

20
h-index

395702

33
g-index

42
all docs

42
docs citations

42
times ranked

3744
citing authors

#	ARTICLE	IF	CITATIONS
1	Commensal microbes and interferon-λ determine persistence of enteric murine norovirus infection. <i>Science</i> , 2015, 347, 266-269.	12.6	386
2	Interferon-λ: Immune Functions at Barrier Surfaces and Beyond. <i>Immunity</i> , 2015, 43, 15-28.	14.3	381
3	Interferon-λ cures persistent murine norovirus infection in the absence of adaptive immunity. <i>Science</i> , 2015, 347, 269-273.	12.6	308
4	Virus-helminth coinfection reveals a microbiota-independent mechanism of immunomodulation. <i>Science</i> , 2014, 345, 578-582.	12.6	238
5	Expression of <i>Irfnrl1</i> on Intestinal Epithelial Cells Is Critical to the Antiviral Effects of Interferon Lambda against Norovirus and Reovirus. <i>Journal of Virology</i> , 2017, 91, .	3.4	131
6	A Single-Amino-Acid Change in Murine Norovirus NS1/2 Is Sufficient for Colonic Tropism and Persistence. <i>Journal of Virology</i> , 2013, 87, 327-334.	3.4	111
7	Segmented Filamentous Bacteria Prevent and Cure Rotavirus Infection. <i>Cell</i> , 2019, 179, 644-658.e13.	28.9	106
8	Posttranslational regulation of the NKG2D ligand Mult1 in response to cell stress. <i>Journal of Experimental Medicine</i> , 2009, 206, 287-298.	8.5	83
9	Type I Interferons Link Viral Infection to Enhanced Epithelial Turnover and Repair. <i>Cell Host and Microbe</i> , 2015, 17, 85-97.	11.0	78
10	IFN-I and IL-22 mediate protective effects of intestinal viral infection. <i>Nature Microbiology</i> , 2019, 4, 1737-1749.	13.3	74
11	Norovirus Cell Tropism Is Determined by Combinatorial Action of a Viral Non-structural Protein and Host Cytokine. <i>Cell Host and Microbe</i> , 2017, 22, 449-459.e4.	11.0	70
12	A Secreted Viral Nonstructural Protein Determines Intestinal Norovirus Pathogenesis. <i>Cell Host and Microbe</i> , 2019, 25, 845-857.e5.	11.0	57
13	Noroviruses Co-opt the Function of Host Proteins VAPA and VAPB for Replication via a Phenylalanine-Phenylalanine-Acidic-Tract-Motif Mimic in Nonstructural Viral Protein NS1/2. <i>MBio</i> , 2017, 8, .	4.1	56
14	Type I Interferon Receptor Deficiency in Dendritic Cells Facilitates Systemic Murine Norovirus Persistence Despite Enhanced Adaptive Immunity. <i>PLoS Pathogens</i> , 2016, 12, e1005684.	4.7	56
15	Stress-Regulated Targeting of the NKG2D Ligand Mult1 by a Membrane-Associated RING-CH Family E3 Ligase. <i>Journal of Immunology</i> , 2010, 185, 5369-5376.	0.8	50
16	Differentiation and Protective Capacity of Virus-Specific CD8+ T Cells Suggest Murine Norovirus Persistence in an Immune-Privileged Enteric Niche. <i>Immunity</i> , 2017, 47, 723-738.e5.	14.3	49
17	The Role of Interferon in Persistent Viral Infection: Insights from Murine Norovirus. <i>Trends in Microbiology</i> , 2018, 26, 510-524.	7.7	41
18	HOIL1 Is Essential for the Induction of Type I and III Interferons by MDA5 and Regulates Persistent Murine Norovirus Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	39

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19	Persistence of Systemic Murine Norovirus Is Maintained by Inflammatory Recruitment of Susceptible Myeloid Cells. <i>Cell Host and Microbe</i> , 2018, 24, 665-676.e4.	11.0	31
20	Myoviridae phage PDX kills enteroaggregative <i>Escherichia coli</i> without human microbiome dysbiosis. <i>Journal of Medical Microbiology</i> , 2020, 69, 309-323.	1.8	26
21	Caspase-mediated cleavage of murine norovirus NS1/2 potentiates apoptosis and is required for persistent infection of intestinal epithelial cells. <i>PLoS Pathogens</i> , 2019, 15, e1007940.	4.7	25
22	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
23	<i>Salmonella enterica</i> Serovar Typhimurium Induces NAIP/NLRC4- and NLRP3/ASC-Independent, Caspase-4-Dependent Inflammasome Activation in Human Intestinal Epithelial Cells. <i>Infection and Immunity</i> , 2022, 90, .	2.2	25
24	Selective Interferon Responses of Intestinal Epithelial Cells Minimize Tumor Necrosis Factor Alpha Cytotoxicity. <i>Journal of Virology</i> , 2020, 94, .	3.4	24
25	Murine norovirus protein NS1/2 aspartate to glutamate mutation, sufficient for persistence, reorients side chain of surface exposed tryptophan within a novel structured domain. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 1200-1209.	2.6	19
26	CD300lf Conditional Knockout Mouse Reveals Strain-Specific Cellular Tropism of Murine Norovirus. <i>Journal of Virology</i> , 2021, 95, .	3.4	17
27	Innate immune sensing by epithelial barriers. <i>Current Opinion in Immunology</i> , 2021, 73, 1-8.	5.5	16
28	Interferon Lambda in the Pathogenesis of Inflammatory Bowel Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 767505.	4.8	12
29	Norovirus evolution in immunodeficient mice reveals potentiated pathogenicity via a single nucleotide change in the viral capsid. <i>PLoS Pathogens</i> , 2021, 17, e1009402.	4.7	11
30	Transcriptional and Cytotoxic Responses of Human Intestinal Organoids to IFN Types I, II, and III. <i>ImmunoHorizons</i> , 2022, 6, 416-429.	1.8	6
31	You Can Breathe Easy: IFN λ Handles Flu without Triggering a Damaging Inflammatory Response. <i>Immunity</i> , 2017, 46, 768-770.	14.3	5
32	A small RNA is functional in <i>Escherichia fergusonii</i> despite containing a large insertion. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	1.8	2
33	Posttranslational regulation of the NKG2D ligand Mult1 in response to cell stress. <i>Journal of Cell Biology</i> , 2009, 184, i7-i7.	5.2	1
34	Systemic Viral Persistence Maintained by Recruitment of Preferentially Infected Myeloid Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0