

Nita H Salzman

List of Publications by Year in descending order

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75
papers

9,836
citations

76326

40
h-index

79698

73
g-index

76
all docs

76
docs citations

76
times ranked

12380
citing authors

#	ARTICLE	IF	CITATIONS
1	Enteric defensins are essential regulators of intestinal microbial ecology. <i>Nature Immunology</i> , 2010, 11, 76-82.	14.5	1,013
2	Reduced Paneth cell α -defensins in ileal Crohn's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18129-18134.	7.1	954
3	Paneth cells, antimicrobial peptides and maintenance of intestinal homeostasis. <i>Nature Reviews Microbiology</i> , 2011, 9, 356-368.	28.6	932
4	Protection against enteric salmonellosis in transgenic mice expressing a human intestinal defensin. <i>Nature</i> , 2003, 422, 522-526.	27.8	723
5	A Requisite Role for Induced Regulatory T Cells in Tolerance Based on Expanding Antigen Receptor Diversity. <i>Immunity</i> , 2011, 35, 109-122.	14.3	389
6	Enteric Salmonellosis Disrupts the Microbial Ecology of the Murine Gastrointestinal Tract. <i>Infection and Immunity</i> , 2008, 76, 907-915.	2.2	374
7	Paneth cells, defensins, and the commensal microbiota: A hypothesis on intimate interplay at the intestinal mucosa. <i>Seminars in Immunology</i> , 2007, 19, 70-83.	5.6	346
8	Human α -Defensin 6 Promotes Mucosal Innate Immunity Through Self-Assembled Peptide Nanonets. <i>Science</i> , 2012, 337, 477-481.	12.6	337
9	Bacteriocin production augments niche competition by enterococci in the mammalian gastrointestinal tract. <i>Nature</i> , 2015, 526, 719-722.	27.8	332
10	Human Enteric Defensins. <i>Journal of Biological Chemistry</i> , 1996, 271, 4038-4045.	3.4	272
11	Intestinal microbiota determine severity of myocardial infarction in rats. <i>FASEB Journal</i> , 2012, 26, 1727-1735.	0.5	251
12	Prolonged Impact of Antibiotics on Intestinal Microbial Ecology and Susceptibility to Enteric <i>Salmonella</i> Infection. <i>Infection and Immunity</i> , 2009, 77, 2741-2753.	2.2	249
13	A Novel IL-10-Independent Regulatory Role for B Cells in Suppressing Autoimmunity by Maintenance of Regulatory T Cells via GITR Ligand. <i>Journal of Immunology</i> , 2012, 188, 3188-3198.	0.8	239
14	Analysis of 16S libraries of mouse gastrointestinal microflora reveals a large new group of mouse intestinal bacteria b bThe GenBank accession numbers for the clone sequences reported in this paper can be found in Table 1 T1 ; the accession number for isolate MIB-CB3 is AJ418059.. <i>Microbiology (United Kingdom)</i> 180, 219-229.	1.8	219
15	A Central Role for Induced Regulatory T Cells in Tolerance Induction in Experimental Colitis. <i>Journal of Immunology</i> , 2009, 182, 3461-3468.	0.8	207
16	Fecal Microbial Transplant Capsules Are Safe in Hepatic Encephalopathy: A Phase 1, Randomized, Placebo-Controlled Trial. <i>Hepatology</i> , 2019, 70, 1690-1703.	7.3	196
17	Microbiome Signatures Associated With Steatohepatitis and Moderate to Severe Fibrosis in Children With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2019, 157, 1109-1122.	1.3	184
18	Induction and rescue of Nod2-dependent Th1-driven granulomatous inflammation of the ileum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14739-14744.	7.1	148

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19	A Randomized Placebo-controlled Comparison of 2 Prebiotic/Probiotic Combinations in Preterm Infants: Impact on Weight Gain, Intestinal Microbiota, and Fecal Short-chain Fatty Acids. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009, 48, 216-225.	1.8	145
20	Enteric Salmonella Infection Inhibits Paneth Cell Antimicrobial Peptide Expression. <i>Infection and Immunity</i> , 2003, 71, 1109-1115.	2.2	135
21	<i>Lactobacillus plantarum</i> 299v Supplementation Improves Vascular Endothelial Function and Reduces Inflammatory Biomarkers in Men With Stable Coronary Artery Disease. <i>Circulation Research</i> , 2018, 123, 1091-1102.	4.5	127
22	Enteric Defensin Expression in Necrotizing Enterocolitis. <i>Pediatric Research</i> , 1998, 44, 20-26.	2.3	126
23	Paneth cell defensins and the regulation of the microbiome. <i>Gut Microbes</i> , 2010, 1, 401-406.	9.8	112
24	The potter's wheel: the host's role in sculpting its microbiota. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3675-3685.	5.4	110
25	Intestinal Microbial Metabolites Are Linked to Severity of Myocardial Infarction in Rats. <i>PLoS ONE</i> , 2016, 11, e0160840.	2.5	101
26	Paneth cell defects in Crohn's disease patients promote dysbiosis. <i>JCI Insight</i> , 2016, 1, e86907.	5.0	91
27	Microbiota-immune system interaction: an uneasy alliance. <i>Current Opinion in Microbiology</i> , 2011, 14, 99-105.	5.1	89
28	Dysbiosis: A consequence of Paneth cell dysfunction. <i>Seminars in Immunology</i> , 2013, 25, 334-341.	5.6	87
29	Continued Alcohol Misuse in Human Cirrhosis is Associated with an Impaired Gut-Liver Axis. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1857-1865.	2.4	86
30	Black Raspberries and Their Anthocyanin and Fiber Fractions Alter the Composition and Diversity of Gut Microbiota in F-344 Rats. <i>Nutrition and Cancer</i> , 2017, 69, 943-951.	2.0	82
31	Prolonged Colonization of Mice by <i>Vibrio cholerae</i> El Tor O1 Depends on Accessory Toxins. <i>Infection and Immunity</i> , 2007, 75, 5043-5051.	2.2	77
32	A <i>Francisella tularensis</i> Schu S4 Purine Auxotroph Is Highly Attenuated in Mice but Offers Limited Protection against Homologous Intranasal Challenge. <i>PLoS ONE</i> , 2008, 3, e2487.	2.5	75
33	IL-10 Produced by Induced Regulatory T Cells (iTregs) Controls Colitis and Pathogenic ExiTregs during Immunotherapy. <i>Journal of Immunology</i> , 2012, 189, 5638-5648.	0.8	72
34	Intestinal Microbiota as Novel Biomarkers of Prior Radiation Exposure. <i>Radiation Research</i> , 2012, 177, 573.	1.5	61
35	Expansion of Paneth Cell Population in Response to Enteric Salmonella enterica Serovar Typhimurium Infection. <i>Infection and Immunity</i> , 2012, 80, 266-275.	2.2	58
36	Intestinal Microbiota Disruption Reduces Regulatory T Cells and Increases Respiratory Viral Infection Mortality Through Increased IFN γ Production. <i>Frontiers in Immunology</i> , 2018, 9, 1587.	4.8	52

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37	The β -integrin ligand of <i>Borrelia burgdorferi</i> is critical for infection of mice but not ticks. <i>Molecular Microbiology</i> , 2012, 85, 1105-1118.	2.5	50
38	Loss of TLR2 Worsens Spontaneous Colitis in MDR1A Deficiency through Commensally Induced Pyroptosis. <i>Journal of Immunology</i> , 2013, 190, 5676-5688.	0.8	49
39	Microbial functional change is linked with clinical outcomes after capsular fecal transplant in cirrhosis. <i>JCI Insight</i> , 2019, 4, .	5.0	49
40	Challenges in IBD Research: Preclinical Human IBD Mechanisms. <i>Inflammatory Bowel Diseases</i> , 2019, 25, S5-S12.	1.9	44
41	A screen of Crohn's disease-associated microbial metabolites identifies ascorbate as a novel metabolic inhibitor of activated human T cells. <i>Mucosal Immunology</i> , 2019, 12, 457-467.	6.0	44
42	Longitudinal changes in the gut microbiome of infants on total parenteral nutrition. <i>Pediatric Research</i> , 2019, 86, 107-114.	2.3	43
43	Alternatively Activated Macrophages Boost Induced Regulatory T and Th17 Cell Responses during Immunotherapy for Colitis. <i>Journal of Immunology</i> , 2016, 196, 3305-3317.	0.8	39
44	MprA and DosR Coregulate a Mycobacterium tuberculosis Virulence Operon Encoding <i>Rv1813c</i> and <i>Rv1812c</i> . <i>Infection and Immunity</i> , 2012, 80, 3018-3033.	2.2	37
45	Calprotectin in Cystic Fibrosis. <i>BMC Pediatrics</i> , 2014, 14, 133.	1.7	37
46	Alternative Luminal Activation Mechanisms for Paneth Cell α -Defensins. <i>Journal of Biological Chemistry</i> , 2012, 287, 11205-11212.	3.4	34
47	Ceftriaxone Administration Disrupts Intestinal Homeostasis, Mediating Noninflammatory Proliferation and Dissemination of Commensal Enterococci. <i>Infection and Immunity</i> , 2018, 86, .	2.2	31
48	Negative Interactions with the Microbiota: IBD. <i>Advances in Experimental Medicine and Biology</i> , 2008, 635, 67-78.	1.6	29
49	Targeted intestinal epithelial deletion of the chemokine receptor CXCR4 reveals important roles for extracellular-regulated kinase-1/2 in restitution. <i>Laboratory Investigation</i> , 2011, 91, 1040-1055.	3.7	28
50	Modulators of Enterococcus faecalis Cell Envelope Integrity and Antimicrobial Resistance Influence Stable Colonization of the Mammalian Gastrointestinal Tract. <i>Infection and Immunity</i> , 2018, 86, .	2.2	25
51	Colonization of the mammalian intestinal tract by enterococci. <i>Current Opinion in Microbiology</i> , 2019, 47, 26-31.	5.1	24
52	The role of the microbiome in immune cell development. <i>Annals of Allergy, Asthma and Immunology</i> , 2014, 113, 593-598.	1.0	23
53	Gut Microbial Dysbiosis Due to Helicobacter Drives an Increase in Marginal Zone B Cells in the Absence of IL-10 Signaling in Macrophages. <i>Journal of Immunology</i> , 2015, 195, 3071-3085.	0.8	21
54	Modulation of the diet and gastrointestinal microbiota normalizes systemic inflammation and β -cell chemokine expression associated with autoimmune diabetes susceptibility. <i>PLoS ONE</i> , 2018, 13, e0190351.	2.5	21

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55	Intestinal alkaline phosphatase deficiency leads to dysbiosis and bacterial translocation in the newborn intestine. <i>Journal of Surgical Research</i> , 2017, 218, 35-42.	1.6	20
56	Increased susceptibility to otitis media in a <i>Splunc1</i> -deficient mouse model. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 501-508.	2.4	16
57	Harnessing bacteriocin biology as targeted therapy in the GI tract. <i>Gut Microbes</i> , 2016, 7, 512-517.	9.8	15
58	Probiotic normalization of systemic inflammation in siblings of type 1 diabetes patients: an open-label pilot study. <i>Scientific Reports</i> , 2022, 12, 3306.	3.3	14
59	Sortase-Dependent Proteins Promote Gastrointestinal Colonization by Enterococci. <i>Infection and Immunity</i> , 2019, 87, .	2.2	13
60	Selection of models for the analysis of risk-factor trees: leveraging biological knowledge to mine large sets of risk factors with application to microbiome data. <i>Bioinformatics</i> , 2015, 31, 1607-1613.	4.1	12
61	Skin inflammation activates intestinal stromal fibroblasts and promotes colitis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	12
62	<i>Lactobacillus plantarum</i> 299v probiotic supplementation in men with stable coronary artery disease suppresses systemic inflammation. <i>Scientific Reports</i> , 2021, 11, 3972.	3.3	11
63	Anatomic and functional characteristics of the rat ileal pouch. <i>American Journal of Surgery</i> , 2002, 183, 464-470.	1.8	7
64	Exploring bioactive peptides from bacterial secretomes using PepSAVI-MS: identification and characterization of Bac21 from <i>Enterococcus faecalis</i> pPD1. <i>Microbial Biotechnology</i> , 2018, 11, 943-951.	4.2	7
65	Defensins Versus Bacteria: Not Just Antibiotics Anymore. <i>Gastroenterology</i> , 2008, 134, 2174-2177.	1.3	6
66	O-11 Paneth Cell Phenotypes Define a Subtype of Pediatric Crohn's Disease Through Alterations in Host-Microbial Interactions. <i>Inflammatory Bowel Diseases</i> , 2016, 22, S4.	1.9	5
67	How bugs and men live in harmony. Role of defensins in gut microbial composition and Th17 development. <i>Immunology Letters</i> , 2011, 138, 25-27.	2.5	4
68	Chronic Follicular Bronchiolitis Requires Antigen-Specific Regulatory T Cell Control To Prevent Fatal Disease Progression. <i>Journal of Immunology</i> , 2013, 191, 5460-5476.	0.8	4
69	A model of TH17-associated ileal hyperplasia that requires both IL-17A and IFN γ to generate self-tolerance and prevent colitis. <i>Mucosal Immunology</i> , 2018, 11, 1127-1137.	6.0	3
70	Detection of Antimicrobial (Poly)Peptides with Acid Urea Polyacrylamide Gel Electrophoresis Followed by Western Immunoblot. <i>Methods in Molecular Biology</i> , 2015, 1225, 105-115.	0.9	3
71	Pediatric nonalcoholic fatty liver disease and the microbiome: Mechanisms contributing to pathogenesis and progression. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2021, 19, 22-29.	1.4	2
72	Annual Chemical Congress: polymer analysis. <i>Analytical Proceedings</i> , 1983, 20, 569.	0.4	1

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73	Loss of TLR2 Worsens Spontaneous Colitis in MDR1A Deficiency Through Commensal-Induced Pyroptosis. <i>Inflammatory Bowel Diseases</i> , 2012, 18, S91.	1.9	0
74	Intact Regulatory T Cell Function but Defective Generation of IL-17A-Producing CD4 ⁺ T Cells in XIAP Deficiency. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, 218-225.	1.8	0
75	Postsecretory activation of Paneth cell Î±-defensins in the cecal and colonic lumen of matrix metalloproteinase-7 null mice. <i>FASEB Journal</i> , 2010, 24, 952.7.	0.5	0