

Hiutung Chu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1191683/publications.pdf>

Version: 2024-02-01

27
papers

5,114
citations

361296

20
h-index

552653

26
g-index

30
all docs

30
docs citations

30
times ranked

7305
citing authors

#	ARTICLE	IF	CITATIONS
1	Enteric defensins are essential regulators of intestinal microbial ecology. <i>Nature Immunology</i> , 2010, 11, 76-82.	7.0	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.	3.3	954
3	Gene-microbiota interactions contribute to the pathogenesis of inflammatory bowel disease. <i>Science</i> , 2016, 352, 1116-1120.	6.0	498
4	Innate immune recognition of the microbiota promotes host-microbial symbiosis. <i>Nature Immunology</i> , 2013, 14, 668-675.	7.0	481
5	Lipocalin-2 Resistance Confers an Advantage to <i>Salmonella enterica</i> Serotype Typhimurium for Growth and Survival in the Inflamed Intestine. <i>Cell Host and Microbe</i> , 2009, 5, 476-486.	5.1	444
6	Human α -Defensin 6 Promotes Mucosal Innate Immunity Through Self-Assembled Peptide Nanonets. <i>Science</i> , 2012, 337, 477-481.	6.0	337
7	<i>Bacteroides fragilis</i> polysaccharide A induces IL-10 secreting B and T cells that prevent viral encephalitis. <i>Nature Communications</i> , 2019, 10, 2153.	5.8	178
8	Interleukin-23 Orchestrates Mucosal Responses to <i>Salmonella enterica</i> Serotype Typhimurium in the Intestine. <i>Infection and Immunity</i> , 2009, 77, 387-398.	1.0	152
9	Paneth cell antimicrobial peptides: Topographical distribution and quantification in human gastrointestinal tissues. <i>FEBS Letters</i> , 2006, 580, 5344-5350.	1.3	147
10	Distinct mechanisms define murine B cell lineage immunoglobulin heavy chain (IgH) repertoires. <i>ELife</i> , 2015, 4, e09083.	2.8	134
11	Genetic Factors and the Intestinal Microbiome Guide Development of Microbe-Based Therapies for Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2019, 156, 2174-2189.	0.6	132
12	Multi-omics analyses of the ulcerative colitis gut microbiome link <i>Bacteroides vulgatus</i> proteases with disease severity. <i>Nature Microbiology</i> , 2022, 7, 262-276.	5.9	110
13	Regulation of C-type Lectin Antimicrobial Activity by a Flexible N-terminal Prosegment. <i>Journal of Biological Chemistry</i> , 2009, 284, 4881-4888.	1.6	84
14	The Capsule Encoding the <i>viaB</i> Locus Reduces Interleukin-17 Expression and Mucosal Innate Responses in the Bovine Intestinal Mucosa during Infection with <i>Salmonella enterica</i> Serotype Typhi. <i>Infection and Immunity</i> , 2007, 75, 4342-4350.	1.0	83
15	Regional variations in Paneth cell antimicrobial peptide expression along the mouse intestinal tract. <i>BMC Immunology</i> , 2008, 9, 37.	0.9	79
16	Randomized pilot trial of a synbiotic dietary supplement in chronic HIV-1 infection. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 84.	3.7	63
17	Spatially distinct physiology of <i>Bacteroides fragilis</i> within the proximal colon of gnotobiotic mice. <i>Nature Microbiology</i> , 2020, 5, 746-756.	5.9	57
18	<i>Bifidobacterium bifidum</i> in a rat model of necrotizing enterocolitis: antimicrobial peptide and protein responses. <i>Pediatric Research</i> , 2012, 71, 546-551.	1.1	43

#	ARTICLE	IF	CITATIONS
19	Strain diversity in the microbiome: Lessons from <i>Bacteroides fragilis</i> . PLoS Pathogens, 2020, 16, e1009056.	2.1	38
20	Proteolysis triggers self-assembly and unmasks innate immune function of a human Î±-defensin peptide. Chemical Science, 2016, 7, 1738-1752.	3.7	31
21	Expression and Activity of a Novel Cathelicidin from Domestic Cats. PLoS ONE, 2011, 6, e18756.	1.1	15
22	Host gene-microbiome interactions: molecular mechanisms in inflammatory bowel disease. Genome Medicine, 2017, 9, 69.	3.6	13
23	The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 35-53.	2.3	10
24	Microbial Metabolite Fortifies the Immune Firewall. Cell Host and Microbe, 2020, 28, 631-633.	5.1	3
25	Winning the Microbial Battle, but Not the War. Cell, 2015, 163, 271-272.	13.5	2
26	Microbial-Driven Immunological Memory and Its Potential Role in Microbiome Editing for the Prevention of Colorectal Cancer. Frontiers in Cellular and Infection Microbiology, 2021, 11, 752304.	1.8	2
27	Novel Strategies for Targeting the Control of Mucosal Inflammation. , 2020, , 869-879.		0