Naohiro Inohara

List of Publications by Year
in descending order

36 papers	11,797 citations	218381 26 h-index	360668 35 g-index
41 all docs	41 docs citations	41 times ranked	12531 citing authors

#	Article	IF	Citations
1	Relationship between the gut microbiota and bile acid composition in the ileal mucosa of Crohnâ€™s disease. Intestinal Research, 2022, 20, 370-380.	1.0	12
2	Listeria toxin promotes phosphorylation of the inflammasome adaptor ASC through Lyn and Syk to exacerbate pathogen expansion. Cell Reports, 2022, 38, 110414.	2.9	5
3	Maternal gut microbiomeâ€“induced IgG regulates neonatal gut microbiome and immunity. Science Immunology, 2022, 7, .	5.6	18
4	Interleukin-11-expressing fibroblasts have a unique gene signature correlated with poor prognosis of colorectal cancer. Nature Communications, 2021, 12, 2281.	5.8	60
5	Interaction between Staphylococcus Agr virulence and neutrophils regulates pathogen expansion in the skin. Cell Host and Microbe, 2021, 29, 930-940.e4.	5.1	18
6	Impact of dietary manganese on experimental colitis in mice. FASEB Journal, 2020, 34, 2929-2943.	0.2	37
7	Lipopolysaccharide O structure of adherent and invasive Escherichia coli regulates intestinal inflammation via complement C3. PLoS Pathogens, 2020, 16, e1008928.	2.1	12
8	An Enteric Pathogen Subverts Colonization Resistance by Evading Competition for Amino Acids in the Gut. Cell Host and Microbe, 2020, 28, 526-533.e5.	5.1	29
9	Maternal Immunization Confers Protection to the Offspring against an Attaching and Effacing Pathogen through Delivery of IgG in Breast Milk. Cell Host and Microbe, 2019, 25, 313-323.e4.	5.1	66
10	Dynamic and Asymmetric Changes of the Microbial Communities after Cohousing in Laboratory Mice. Cell Reports, 2019, 27, 3401-3412.e3.	2.9	72
11	A specific gene-microbe interaction drives the development of Crohnâ€™s diseaseâ€“like colitis in mice. Science Immunology, 2019, 4, .	5.6	102
12	Neutrophils Restrict Tumor-Associated Microbiota to Reduce Growth and Invasion of Colon Tumors in Mice. Gastroenterology, 2019, 156, 1467-1482.	0.6	85
13	The NLRP6 Inflammasome Recognizes Lipoteichoic Acid and Regulates Gram-Positive Pathogen Infection. Cell, 2018, 175, 1651-1664.e14.	13.5	195
14	IL-22 controls iron-dependent nutritional immunity against systemic bacterial infections. Science Immunology, 2017, 2, .	5.6	50
15	Neonatal acquisition of Clostridia species protects against colonization by bacterial pathogens. Science, 2017, 356, 315-319.	6.0	199
16	Route Connection: Mouth to Intestine in Colitis. Cell Host and Microbe, 2017, 22, 730-731.	5.1	5
17	Staphylococcus aureus Virulent PSMÎ± Peptides Induce Keratinocyte Alarmin Release to Orchestrate IL-17-Dependent Skin Inflammation. Cell Host and Microbe, 2017, 22, 667-677.e5.	5.1	183
18	Mesenchymal Cellâ€“Specific MyD88 Signaling Promotes Systemic Dissemination of Salmonella Typhimurium via Inflammatory Monocytes. Journal of Immunology, 2017, 199, 1362-1371.	0.4	6

#	Article	IF	Citations
19	Mechanisms of inflammation-driven bacterial dysbiosis in the gut. Mucosal Immunology, 2017, 10, 18-26.	2.7	533
20	Gut Microbiota-Induced Immunoglobulin G Controls Systemic Infection by Symbiotic Bacteria and Pathogens. Immunity, 2016, 44, 647-658.	6.6	309
21	Nod2-mediated recognition of the microbiota is critical for mucosal adjuvant activity of cholera toxin. Nature Medicine, 2016, 22, 524-530.	15.2	94
22	Distinct Commensals Induce Interleukin-1Î² via NLRP3 Inflammasome in Inflammatory Monocytes to Promote Intestinal Inflammation in Response to Injury. Immunity, 2015, 42, 744-755.	6.6	259
23	NOD1 and NOD2: Signaling, Host Defense, and Inflammatory Disease. Immunity, 2014, 41, 898-908.	6.6	639
24	Interleukin-22 Regulates the Complement System to Promote Resistance against Pathobionts after Pathogen-Induced Intestinal Damage. Immunity, 2014, 41, 620-632.	6.6	124
25	Regulation of the gut microbiota by the mucosal immune system in mice. International Immunology, 2014, 26, 481-487.	1.8	26
26	Induction of Bone Loss by Pathobiont-Mediated Nod1 Signaling in the Oral Cavity. Cell Host and Microbe, 2013, 13, 595-601.	5.1	108
27	Protective Role of Commensals against Clostridium difficile Infection via an IL-1Î²â€“Mediated Positive-Feedback Loop. Journal of Immunology, 2012, 189, 3085-3091.	0.4	110
28	Nucleotide-Binding Oligomerization Domain 1 Mediates Recognition of Clostridium difficile and Induces Neutrophil Recruitment and Protection against the Pathogen. Journal of Immunology, 2011, 186, 4872-4880.	0.4	155
29	Transitions in Oral and Intestinal Microflora Composition and Innate Immune Receptor-Dependent Stimulation during Mouse Development. Infection and Immunity, 2010, 78, 639-650.	1.0	47
30	Nod2-Dependent Regulation of Innate and Adaptive Immunity in the Intestinal Tract. Science, 2005, 307, 731-734.	6.0	1,643
31	Host Recognition of Bacterial Muramyl Dipeptide Mediated through NOD2. Journal of Biological Chemistry, 2003, 278, 5509-5512.	1.6	1,473
32	ML â€” a conserved domain involved in innate immunity and lipid metabolism. Trends in Biochemical Sciences, 2002, 27, 219-221.	3.7	220
33	A frameshift mutation in NOD2 associated with susceptibility to Crohn's disease. Nature, 2001, 411, 603-606.	13.7	4,589
34	Letter to the Editor. Cell Death and Differentiation, 1999, 6, 823-824.	5.0	27
35	CLARP, a death effector domain-containing protein interacts with caspase-8 and regulates apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 10717-10722.	3.3	283
36	Epidermal clearance of Candida albicans is mediated by IL-17 but independent of fungal innate immune receptors. International Immunology, 0, , .	1.8	3