

Naohiro Inohara

List of Publications by Year in descending order

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Version: 2024-02-01

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 | A frameshift mutation in NOD2 associated with susceptibility to Crohn's disease. <i>Nature</i> , 2001, 411, 603-606. | 13.7 | 4,589 |
| 2 | Nod2-Dependent Regulation of Innate and Adaptive Immunity in the Intestinal Tract. <i>Science</i> , 2005, 307, 731-734. | 6.0 | 1,643 |
| 3 | Host Recognition of Bacterial Muramyl Dipeptide Mediated through NOD2. <i>Journal of Biological Chemistry</i> , 2003, 278, 5509-5512. | 1.6 | 1,473 |
| 4 | NOD1 and NOD2: Signaling, Host Defense, and Inflammatory Disease. <i>Immunity</i> , 2014, 41, 898-908. | 6.6 | 639 |
| 5 | Mechanisms of inflammation-driven bacterial dysbiosis in the gut. <i>Mucosal Immunology</i> , 2017, 10, 18-26. | 2.7 | 533 |
| 6 | Gut Microbiota-Induced Immunoglobulin G Controls Systemic Infection by Symbiotic Bacteria and Pathogens. <i>Immunity</i> , 2016, 44, 647-658. | 6.6 | 309 |
| 7 | CLARP, a death effector domain-containing protein interacts with caspase-8 and regulates apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10717-10722. | 3.3 | 283 |
| 8 | Distinct Commensals Induce Interleukin-1 β via NLRP3 Inflammasome in Inflammatory Monocytes to Promote Intestinal Inflammation in Response to Injury. <i>Immunity</i> , 2015, 42, 744-755. | 6.6 | 259 |
| 9 | ML α a conserved domain involved in innate immunity and lipid metabolism. <i>Trends in Biochemical Sciences</i> , 2002, 27, 219-221. | 3.7 | 220 |
| 10 | Neonatal acquisition of <i>Clostridia</i> species protects against colonization by bacterial pathogens. <i>Science</i> , 2017, 356, 315-319. | 6.0 | 199 |
| 11 | The NLRP6 Inflammasome Recognizes Lipoteichoic Acid and Regulates Gram-Positive Pathogen Infection. <i>Cell</i> , 2018, 175, 1651-1664.e14. | 13.5 | 195 |
| 12 | <i>Staphylococcus aureus</i> Virulent PSM \pm Peptides Induce Keratinocyte Alarmin Release to Orchestrate IL-17-Dependent Skin Inflammation. <i>Cell Host and Microbe</i> , 2017, 22, 667-677.e5. | 5.1 | 183 |
| 13 | Nucleotide-Binding Oligomerization Domain 1 Mediates Recognition of <i>Clostridium difficile</i> and Induces Neutrophil Recruitment and Protection against the Pathogen. <i>Journal of Immunology</i> , 2011, 186, 4872-4880. | 0.4 | 155 |
| 14 | Interleukin-22 Regulates the Complement System to Promote Resistance against Pathobionts after Pathogen-Induced Intestinal Damage. <i>Immunity</i> , 2014, 41, 620-632. | 6.6 | 124 |
| 15 | Protective Role of Commensals against <i>Clostridium difficile</i> Infection via an IL-1 β -Mediated Positive-Feedback Loop. <i>Journal of Immunology</i> , 2012, 189, 3085-3091. | 0.4 | 110 |
| 16 | Induction of Bone Loss by Pathobiont-Mediated Nod1 Signaling in the Oral Cavity. <i>Cell Host and Microbe</i> , 2013, 13, 595-601. | 5.1 | 108 |
| 17 | A specific gene-microbe interaction drives the development of Crohn's disease-like colitis in mice. <i>Science Immunology</i> , 2019, 4, . | 5.6 | 102 |
| 18 | Nod2-mediated recognition of the microbiota is critical for mucosal adjuvant activity of cholera toxin. <i>Nature Medicine</i> , 2016, 22, 524-530. | 15.2 | 94 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Neutrophils Restrict Tumor-Associated Microbiota to Reduce Growth and Invasion of Colon Tumors in Mice. <i>Gastroenterology</i> , 2019, 156, 1467-1482. | 0.6 | 85 |
| 20 | Dynamic and Asymmetric Changes of the Microbial Communities after Cohousing in Laboratory Mice. <i>Cell Reports</i> , 2019, 27, 3401-3412.e3. | 2.9 | 72 |
| 21 | Maternal Immunization Confers Protection to the Offspring against an Attaching and Effacing Pathogen through Delivery of IgG in Breast Milk. <i>Cell Host and Microbe</i> , 2019, 25, 313-323.e4. | 5.1 | 66 |
| 22 | Interleukin-11-expressing fibroblasts have a unique gene signature correlated with poor prognosis of colorectal cancer. <i>Nature Communications</i> , 2021, 12, 2281. | 5.8 | 60 |
| 23 | IL-22 controls iron-dependent nutritional immunity against systemic bacterial infections. <i>Science Immunology</i> , 2017, 2, . | 5.6 | 50 |
| 24 | Transitions in Oral and Intestinal Microflora Composition and Innate Immune Receptor-Dependent Stimulation during Mouse Development. <i>Infection and Immunity</i> , 2010, 78, 639-650. | 1.0 | 47 |
| 25 | Impact of dietary manganese on experimental colitis in mice. <i>FASEB Journal</i> , 2020, 34, 2929-2943. | 0.2 | 37 |
| 26 | An Enteric Pathogen Subverts Colonization Resistance by Evading Competition for Amino Acids in the Gut. <i>Cell Host and Microbe</i> , 2020, 28, 526-533.e5. | 5.1 | 29 |
| 27 | Letter to the Editor. <i>Cell Death and Differentiation</i> , 1999, 6, 823-824. | 5.0 | 27 |
| 28 | Regulation of the gut microbiota by the mucosal immune system in mice. <i>International Immunology</i> , 2014, 26, 481-487. | 1.8 | 26 |
| 29 | Interaction between <i>Staphylococcus</i> Agr virulence and neutrophils regulates pathogen expansion in the skin. <i>Cell Host and Microbe</i> , 2021, 29, 930-940.e4. | 5.1 | 18 |
| 30 | Maternal gut microbiome-induced IgG regulates neonatal gut microbiome and immunity. <i>Science Immunology</i> , 2022, 7, . | 5.6 | 18 |
| 31 | Lipopolysaccharide O structure of adherent and invasive <i>Escherichia coli</i> regulates intestinal inflammation via complement C3. <i>PLoS Pathogens</i> , 2020, 16, e1008928. | 2.1 | 12 |
| 32 | Relationship between the gut microbiota and bile acid composition in the ileal mucosa of Crohn's disease. <i>Intestinal Research</i> , 2022, 20, 370-380. | 1.0 | 12 |
| 33 | Mesenchymal Cell-Specific MyD88 Signaling Promotes Systemic Dissemination of <i>Salmonella Typhimurium</i> via Inflammatory Monocytes. <i>Journal of Immunology</i> , 2017, 199, 1362-1371. | 0.4 | 6 |
| 34 | Route Connection: Mouth to Intestine in Colitis. <i>Cell Host and Microbe</i> , 2017, 22, 730-731. | 5.1 | 5 |
| 35 | <i>Listeria</i> toxin promotes phosphorylation of the inflammasome adaptor ASC through Lyn and Syk to exacerbate pathogen expansion. <i>Cell Reports</i> , 2022, 38, 110414. | 2.9 | 5 |
| 36 | Epidermal clearance of <i>Candida albicans</i> is mediated by IL-17 but independent of fungal innate immune receptors. <i>International Immunology</i> , 0, , . | 1.8 | 3 |