

# Gabriel Nã°Ã±ez

## List of Publications by Year in descending order

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188  
papers

69,892  
citations

2671

95  
h-index

3321

184  
g-index

191  
all docs

191  
docs citations

191  
times ranked

62903  
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	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
3	Bcl-2 is an inner mitochondrial membrane protein that blocks programmed cell death. <i>Nature</i> , 1990, 348, 334-336.	13.7	3,662
4	Sterile inflammation: sensing and reacting to damage. <i>Nature Reviews Immunology</i> , 2010, 10, 826-837.	10.6	2,469
5	Interleukin-3-Induced Phosphorylation of BAD Through the Protein Kinase Akt. <i>Science</i> , 1997, 278, 687-689.	6.0	2,085
6	Mechanism and Regulation of NLRP3 Inflammasome Activation. <i>Trends in Biochemical Sciences</i> , 2016, 41, 1012-1021.	3.7	1,993
7	A small-molecule inhibitor of the NLRP3 inflammasome for the treatment of inflammatory diseases. <i>Nature Medicine</i> , 2015, 21, 248-255.	15.2	1,967
8	A Dietary Fiber-Deprived Gut Microbiota Degrades the Colonic Mucus Barrier and Enhances Pathogen Susceptibility. <i>Cell</i> , 2016, 167, 1339-1353.e21.	13.5	1,882
9	Role of the gut microbiota in immunity and inflammatory disease. <i>Nature Reviews Immunology</i> , 2013, 13, 321-335.	10.6	1,771
10	Nod2-Dependent Regulation of Innate and Adaptive Immunity in the Intestinal Tract. <i>Science</i> , 2005, 307, 731-734.	6.0	1,643
11	K <sup>+</sup> Efflux Is the Common Trigger of NLRP3 Inflammasome Activation by Bacterial Toxins and Particulate Matter. <i>Immunity</i> , 2013, 38, 1142-1153.	6.6	1,602
12	The inflammasome: a caspase-1-activation platform that regulates immune responses and disease pathogenesis. <i>Nature Immunology</i> , 2009, 10, 241-247.	7.0	1,568
13	Host Recognition of Bacterial Muramyl Dipeptide Mediated through NOD2. <i>Journal of Biological Chemistry</i> , 2003, 278, 5509-5512.	1.6	1,473
14	Control of pathogens and pathobionts by the gut microbiota. <i>Nature Immunology</i> , 2013, 14, 685-690.	7.0	1,217
15	Nod2, a Nod1/Apaf-1 Family Member That Is Restricted to Monocytes and Activates NF- $\kappa$ B. <i>Journal of Biological Chemistry</i> , 2001, 276, 4812-4818.	1.6	1,201
16	An essential role for NOD1 in host recognition of bacterial peptidoglycan containing diaminopimelic acid. <i>Nature Immunology</i> , 2003, 4, 702-707.	7.0	1,139
17	Nod1 and Nod2 direct autophagy by recruiting ATG16L1 to the plasma membrane at the site of bacterial entry. <i>Nature Immunology</i> , 2010, 11, 55-62.	7.0	1,125
18	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1 $\beta$ in salmonella-infected macrophages. <i>Nature Immunology</i> , 2006, 7, 576-582.	7.0	1,028

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19	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , 2006, 440, 233-236.	13.7	1,016
20	Gut microbiota: Role in pathogen colonization, immune responses, and inflammatory disease. <i>Immunological Reviews</i> , 2017, 279, 70-89.	2.8	1,015
21	Intracellular NOD-like Receptors in Host Defense and Disease. <i>Immunity</i> , 2007, 27, 549-559.	6.6	893
22	Sensing and reacting to microbes through the inflammasomes. <i>Nature Immunology</i> , 2012, 13, 325-332.	7.0	876
23	NEK7 is an essential mediator of NLRP3 activation downstream of potassium efflux. <i>Nature</i> , 2016, 530, 354-357.	13.7	862
24	Th17 Cell Induction by Adhesion of Microbes to Intestinal Epithelial Cells. <i>Cell</i> , 2015, 163, 367-380.	13.5	846
25	RICK/Rip2/CARDIAK mediates signalling for receptors of the innate and adaptive immune systems. <i>Nature</i> , 2002, 416, 194-199.	13.7	827
26	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015, 22, 58-73.	5.0	811
27	The NLR Gene Family: A Standard Nomenclature. <i>Immunity</i> , 2008, 28, 285-287.	6.6	761
28	Function of Nod-like receptors in microbial recognition and host defense. <i>Immunological Reviews</i> , 2009, 227, 106-128.	2.8	727
29	Nod1, an Apaf-1-like Activator of Caspase-9 and Nuclear Factor- $\kappa$ B. <i>Journal of Biological Chemistry</i> , 1999, 274, 14560-14567.	1.6	639
30	NOD1 and NOD2: Signaling, Host Defense, and Inflammatory Disease. <i>Immunity</i> , 2014, 41, 898-908.	6.6	639
31	NOD-Like Receptors: Role in Innate Immunity and Inflammatory Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2009, 4, 365-398.	9.6	628
32	Deregulated Bcl-2 gene expression selectively prolongs survival of growth factor-deprived hemopoietic cell lines. <i>Journal of Immunology</i> , 1990, 144, 3602-10.	0.4	626
33	In Vivo Amelioration of Age-Associated Hallmarks by Partial Reprogramming. <i>Cell</i> , 2016, 167, 1719-1733.e12.	13.5	609
34	Critical Role for Cryopyrin/Nalp3 in Activation of Caspase-1 in Response to Viral Infection and Double-stranded RNA*. <i>Journal of Biological Chemistry</i> , 2006, 281, 36560-36568.	1.6	598
35	Requirement for T-cell apoptosis in the induction of peripheral transplantation tolerance. <i>Nature Medicine</i> , 1999, 5, 1303-1307.	15.2	574
36	Regulated Virulence Controls the Ability of a Pathogen to Compete with the Gut Microbiota. <i>Science</i> , 2012, 336, 1325-1329.	6.0	546

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37	Mechanisms of inflammation-driven bacterial dysbiosis in the gut. <i>Mucosal Immunology</i> , 2017, 10, 18-26.	2.7	533
38	Bcl-XL interacts with Apaf-1 and inhibits Apaf-1-dependent caspase-9 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 4386-4391.	3.3	513
39	Cutting Edge: Reactive Oxygen Species Inhibitors Block Priming, but Not Activation, of the NLRP3 Inflammasome. <i>Journal of Immunology</i> , 2011, 187, 613-617.	0.4	506
40	Crohn's disease and the NOD2 gene: a role for paneth cells. <i>Gastroenterology</i> , 2003, 125, 47-57.	0.6	500
41	Cutting Edge: TNF Mediates Sensitization to ATP and Silica via the NLRP3 Inflammasome in the Absence of Microbial Stimulation. <i>Journal of Immunology</i> , 2009, 183, 792-796.	0.4	480
42	Differential Regulation of Caspase-1 Activation, Pyroptosis, and Autophagy via Ipaf and ASC in Shigella-Infected Macrophages. <i>PLoS Pathogens</i> , 2007, 3, e111.	2.1	469
43	A critical role of RICK/RIP2 polyubiquitination in Nod-induced NF- $\kappa$ B activation. <i>EMBO Journal</i> , 2008, 27, 373-383.	3.5	469
44	Structural mechanism for NEK7-licensed activation of NLRP3 inflammasome. <i>Nature</i> , 2019, 570, 338-343.	13.7	467
45	Human Nod1 Confers Responsiveness to Bacterial Lipopolysaccharides. <i>Journal of Biological Chemistry</i> , 2001, 276, 2551-2554.	1.6	457
46	RICK/RIP2 Mediates Innate Immune Responses Induced through Nod1 and Nod2 but Not TLRs. <i>Journal of Immunology</i> , 2007, 178, 2380-2386.	0.4	452
47	NOD2-mediated dysbiosis predisposes mice to transmissible colitis and colorectal cancer. <i>Journal of Clinical Investigation</i> , 2013, 123, 700-11.	3.9	444
48	Caspase-11 Requires the Pannexin-1 Channel and the Purinergic P2X7 Pore to Mediate Pyroptosis and Endotoxic Shock. <i>Immunity</i> , 2015, 43, 923-932.	6.6	433
49	Staphylococcus $\beta$ -toxin induces allergic skin disease by activating mast cells. <i>Nature</i> , 2013, 503, 397-401.	13.7	429
50	Host-microbiota interactions in inflammatory bowel disease. <i>Nature Reviews Immunology</i> , 2020, 20, 411-426.	10.6	407
51	<i>bcl-xL</i> is the major <i>bcl-x</i> mRNA form expressed during murine development and its product localizes to mitochondria. <i>Development (Cambridge)</i> , 1994, 120, 3033-3042.	1.2	383
52	Expression of NOD2 in Paneth cells: a possible link to Crohn's ileitis. <i>Gut</i> , 2003, 52, 1591-1597.	6.1	381
53	A Functional Role for Nlrp6 in Intestinal Inflammation and Tumorigenesis. <i>Journal of Immunology</i> , 2011, 186, 7187-7194.	0.4	373
54	NLR4-driven production of IL-1 $\beta$ discriminates between pathogenic and commensal bacteria and promotes host intestinal defense. <i>Nature Immunology</i> , 2012, 13, 449-456.	7.0	347

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55	Active MLKL triggers the NLRP3 inflammasome in a cell-intrinsic manner. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E961-E969.	3.3	337
56	Endoplasmic Reticulum Stress Activates the Inflammasome via NLRP3- and Caspase-2-Driven Mitochondrial Damage. Immunity, 2015, 43, 451-462.	6.6	328
57	Regulatory regions and critical residues of NOD2 involved in muramyl dipeptide recognition. EMBO Journal, 2004, 23, 1587-1597.	3.5	325
58	Gut Microbiota-Induced Immunoglobulin G Controls Systemic Infection by Symbiotic Bacteria and Pathogens. Immunity, 2016, 44, 647-658.	6.6	309
59	Differential Requirement of P2X7 Receptor and Intracellular K <sup>+</sup> for Caspase-1 Activation Induced by Intracellular and Extracellular Bacteria. Journal of Biological Chemistry, 2007, 282, 18810-18818.	1.6	303
60	Gut Dysbiosis Promotes M2 Macrophage Polarization and Allergic Airway Inflammation via Fungi-Induced PGE <sub>2</sub> . Cell Host and Microbe, 2014, 15, 95-102.	5.1	290
61	Microbiota-induced IL-1 $\beta$ , but not IL-6, is critical for the development of steady-state TH17 cells in the intestine. Journal of Experimental Medicine, 2012, 209, 251-258.	4.2	289
62	Distinct Commensals Induce Interleukin-1 $\beta$ via NLRP3 Inflammasome in Inflammatory Monocytes to Promote Intestinal Inflammation in Response to Injury. Immunity, 2015, 42, 744-755.	6.6	259
63	The Cytosolic Sensors Nod1 and Nod2 Are Critical for Bacterial Recognition and Host Defense after Exposure to Toll-like Receptor Ligands. Immunity, 2008, 28, 246-257.	6.6	245
64	The Innate Immune Receptor Nod1 Protects the Intestine from Inflammation-Induced Tumorigenesis. Cancer Research, 2008, 68, 10060-10067.	0.4	226
65	The Bcl-2 family of proteins: regulators of cell death and survival. Trends in Cell Biology, 1994, 4, 399-403.	3.6	222
66	Regulation of the Immune System by the Resident Intestinal Bacteria. Gastroenterology, 2014, 146, 1477-1488.	0.6	220
67	3,4-Methylenedioxy- $\beta$ -nitrostyrene Inhibits NLRP3 Inflammasome Activation by Blocking Assembly of the Inflammasome. Journal of Biological Chemistry, 2014, 289, 1142-1150.	1.6	216
68	The Nod2 Sensor Promotes Intestinal Pathogen Eradication via the Chemokine CCL2-Dependent Recruitment of Inflammatory Monocytes. Immunity, 2011, 34, 769-780.	6.6	215
69	Bcl-2 maintains B cell memory. Nature, 1991, 353, 71-73.	13.7	209
70	Activation of the Nlrp3 Inflammasome by <i>Streptococcus pyogenes</i> Requires Streptolysin O and NF- $\kappa$ B Activation but Proceeds Independently of TLR Signaling and P2X7 Receptor. Journal of Immunology, 2009, 183, 5823-5829.	0.4	201
71	Nod1 acts as an intracellular receptor to stimulate chemokine production and neutrophil recruitment in vivo. Journal of Experimental Medicine, 2006, 203, 203-213.	4.2	199
72	Neonatal acquisition of <i>Clostridia</i> species protects against colonization by bacterial pathogens. Science, 2017, 356, 315-319.	6.0	199

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73	The NLRP6 Inflammasome Recognizes Lipoteichoic Acid and Regulates Gram-Positive Pathogen Infection. <i>Cell</i> , 2018, 175, 1651-1664.e14.	13.5	195
74	<i>Staphylococcus aureus</i> Virulent PSM± 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
75	TLR Agonists Stimulate Nlrp3-Dependent IL-1±2 Production Independently of the Purinergic P2X7 Receptor in Dendritic Cells and In Vivo. <i>Journal of Immunology</i> , 2013, 190, 334-339.	0.4	181
76	Microbial Metabolite Signaling Is Required for Systemic Iron Homeostasis. <i>Cell Metabolism</i> , 2020, 31, 115-130.e6.	7.2	172
77	Distinct Roles of TLR2 and the Adaptor ASC in IL-1±2/IL-18 Secretion in Response to <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2006, 176, 4337-4342.	0.4	165
78	Nod1/RICK and TLR Signaling Regulate Chemokine and Antimicrobial Innate Immune Responses in Mesothelial Cells. <i>Journal of Immunology</i> , 2007, 179, 514-521.	0.4	165
79	MyD88: A Critical Adaptor Protein in Innate Immunity Signal Transduction. <i>Journal of Immunology</i> , 2013, 190, 3-4.	0.4	158
80	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
81	Infection Mobilizes Hematopoietic Stem Cells through Cooperative NOD-like Receptor and Toll-like Receptor Signaling. <i>Cell Host and Microbe</i> , 2014, 15, 779-791.	5.1	149
82	Differential Release and Distribution of Nod1 and Nod2 Immunostimulatory Molecules among Bacterial Species and Environments. <i>Journal of Biological Chemistry</i> , 2006, 281, 29054-29063.	1.6	146
83	The interplay between host immune cells and gut microbiota in chronic inflammatory diseases. <i>Experimental and Molecular Medicine</i> , 2017, 49, e339-e339.	3.2	146
84	The Cag pathogenicity island and interaction between TLR2 and NOD2 and NLRP3 regulate IL-1±2 production in <i>Helicobacter pylori</i> infected dendritic cells. <i>European Journal of Immunology</i> , 2013, 43, 2650-2658.	1.6	133
85	Growth- and tumor-promoting effects of deregulated BCL2 in human B-lymphoblastoid cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 4589-4593.	3.3	132
86	Cytosolic Double-Stranded RNA Activates the NLRP3 Inflammasome via MAVS-Induced Membrane Permeabilization and K+ Efflux. <i>Journal of Immunology</i> , 2014, 193, 4214-4222.	0.4	132
87	Humoral Immunity in the Gut Selectively Targets Phenotypically Virulent Attaching-and-Effacing Bacteria for Intraluminal Elimination. <i>Cell Host and Microbe</i> , 2015, 17, 617-627.	5.1	132
88	RNase L Activates the NLRP3 Inflammasome during Viral Infections. <i>Cell Host and Microbe</i> , 2015, 17, 466-477.	5.1	128
89	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
90	Growth factors prevent changes in Bcl-2 and Bax expression and neuronal apoptosis induced by nitric oxide. <i>Cell Death and Differentiation</i> , 1998, 5, 911-919.	5.0	117

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91	Spontaneous atopic dermatitis is mediated by innate immunity, with the secondary lung inflammation of the atopic march requiring adaptive immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 482-491.	1.5	117
92	Protective Role of Commensals against <i>Clostridium difficile</i> Infection via an IL-1 $\beta$ -Mediated Positive-Feedback Loop. <i>Journal of Immunology</i> , 2012, 189, 3085-3091.	0.4	110
93	Cholesterol-dependent cytolysins induce rapid release of mature IL-1 $\beta$ from murine macrophages in a NLRP3 inflammasome and cathepsin B-dependent manner. <i>Journal of Leukocyte Biology</i> , 2009, 86, 1227-1238.	1.5	109
94	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
95	EGF receptor signaling inhibits keratinocyte apoptosis: evidence for mediation by Bcl-XL. <i>Oncogene</i> , 1998, 16, 1493-1499.	2.6	107
96	Microbial metabolite sensor GPR43 controls severity of experimental GVHD. <i>Nature Communications</i> , 2018, 9, 3674.	5.8	102
97	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
98	<i>Escherichia coli</i> isolates from inflammatory bowel diseases patients survive in macrophages and activate NLRP3 inflammasome. <i>International Journal of Medical Microbiology</i> , 2014, 304, 384-392.	1.5	98
99	IKK $\beta$ negatively regulates ASC-dependent inflammasome activation. <i>Nature Communications</i> , 2014, 5, 4977.	5.8	96
100	A major role for intestinal epithelial nucleotide oligomerization domain 1 (NOD1) in eliciting host bactericidal immune responses to <i>Campylobacter jejuni</i> . <i>Cellular Microbiology</i> , 2007, 9, 2404-2416.	1.1	95
101	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
102	Bax Can Antagonize Bcl-XL during Etoposide and Cisplatin-induced Cell Death Independently of Its Heterodimerization with Bcl-XL. <i>Journal of Biological Chemistry</i> , 1996, 271, 22764-22772.	1.6	93
103	v-raf suppresses apoptosis and promotes growth of interleukin-3-dependent myeloid cells. <i>Oncogene</i> , 1994, 9, 2217-26.	2.6	92
104	Bcl-xL overexpression attenuates glutathione depletion in FL5.12 cells following interleukin-3 withdrawal. <i>Biochemical Journal</i> , 1997, 325, 315-319.	1.7	89
105	Modulation of anti-IgM-induced B cell apoptosis by Bcl-xL and CD40 in WEHI-231 cells. Dissociation from cell cycle arrest and dependence on the avidity of the antibody-IgM receptor interaction. <i>Journal of Immunology</i> , 1995, 155, 3830-8.	0.4	88
106	<i>Shigella</i> IpaH7.8 E3 ubiquitin ligase targets glomulin and activates inflammasomes to demolish macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4254-63.	3.3	87
107	<i>Shigella</i> Type III Secretion Protein MxiI Is Recognized by Naip2 to Induce Nlr4 Inflammasome Activation Independently of Pkc $\beta$ . <i>PLoS Pathogens</i> , 2014, 10, e1003926.	2.1	86
108	Intestinal macrophages arising from CCR2+ monocytes control pathogen infection by activating innate lymphoid cells. <i>Nature Communications</i> , 2015, 6, 8010.	5.8	86

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109	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
110	Linking extracellular survival signals and the apoptotic machinery. <i>Current Opinion in Neurobiology</i> , 1998, 8, 613-618.	2.0	83
111	Role of the microbiota in skin immunity and atopic dermatitis. <i>Allergy International</i> , 2017, 66, 539-544.	1.4	80
112	TAK1 Is a Central Mediator of NOD2 Signaling in Epidermal Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 137-144.	1.6	79
113	The protein kinase PKR is critical for LPS-induced iNOS production but dispensable for inflammasome activation in macrophages. <i>European Journal of Immunology</i> , 2013, 43, 1147-1152.	1.6	79
114	Iron Toxicity in the Retina Requires Alu RNA and the NLRP3 Inflammasome. <i>Cell Reports</i> , 2015, 11, 1686-1693.	2.9	78
115	Innate Nutritional Immunity. <i>Journal of Immunology</i> , 2018, 201, 11-18.	0.4	78
116	Bax promotes neuronal survival and antagonises the survival effects of neurotrophic factors. <i>Development (Cambridge)</i> , 1996, 122, 695-701.	1.2	77
117	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
118	Constitutive expression of Bcl-xL or Bcl-2 prevents peptide antigen-induced T cell deletion but does not influence T cell homeostasis after a viral infection. <i>European Journal of Immunology</i> , 1998, 28, 560-569.	1.6	69
119	Intestinal non-canonical NF- $\kappa$ B signaling shapes the local and systemic immune response. <i>Nature Communications</i> , 2019, 10, 660.	5.8	69
120	ATG16L1 deficiency in macrophages drives clearance of uropathogenic E. coli in an IL-1 $\beta$ -dependent manner. <i>Mucosal Immunology</i> , 2015, 8, 1388-1399.	2.7	68
121	A bioluminescent caspase-1 activity assay rapidly monitors inflammasome activation in cells. <i>Journal of Immunological Methods</i> , 2017, 447, 1-13.	0.6	66
122	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
123	A Genome-Wide siRNA Screen Reveals Positive and Negative Regulators of the NOD2 and NF- $\kappa$ B Signaling Pathways. <i>Science Signaling</i> , 2013, 6, rs3.	1.6	65
124	<i>Staphylococcus</i> Agr virulence is critical for epidermal colonization and associates with atopic dermatitis development. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	62
125	Deregulated Bcl-2-Immunoglobulin Transgene Expands a Resting but Responsive Immunoglobulin M and D-Expressing B-Cell Population. <i>Molecular and Cellular Biology</i> , 1990, 10, 1901-1907.	1.1	61
126	Ilie Metchnikoff (1845-1916): celebrating 100 years of cellular immunology and beyond. <i>Nature Reviews Immunology</i> , 2016, 16, 651-656.	10.6	55



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127	A Genome-wide Small Interfering RNA (siRNA) Screen Reveals Nuclear Factor- $\kappa$ B (NF- $\kappa$ B)-independent Regulators of NOD2-induced Interleukin-8 (IL-8) Secretion. <i>Journal of Biological Chemistry</i> , 2014, 289, 28213-28224.	1.6	53
128	G-CSF secreted by mutant IDH1 glioma stem cells abolishes myeloid cell immunosuppression and enhances the efficacy of immunotherapy. <i>Science Advances</i> , 2021, 7, eabh3243.	4.7	53
129	Interaction between smoking and ATG16L1T300A triggers Paneth cell defects in Crohn's disease. <i>Journal of Clinical Investigation</i> , 2018, 128, 5110-5122.	3.9	53
130	Alcohol-Induced Liver Injury Is Modulated by Nlrp3 and Nlrc4 Inflammasomes in Mice. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	1.4	52
131	Rosmarinus officinalis L. (Rosemary) Extracts Containing Carnosic Acid and Carnosol are Potent Quorum Sensing Inhibitors of Staphylococcus aureus Virulence. <i>Antibiotics</i> , 2020, 9, 149.	1.5	52
132	Spontaneous atopic dermatitis in mice with a defective skin barrier is independent of ILC2 and mediated by IL-1 $\beta$ . <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1920-1933.	2.7	51
133	IL-22 controls iron-dependent nutritional immunity against systemic bacterial infections. <i>Science Immunology</i> , 2017, 2, .	5.6	50
134	Cutting Edge: Crohn's Disease-Associated Nod2 Mutation Limits Production of Proinflammatory Cytokines To Protect the Host from <i>Enterococcus faecalis</i> -Induced Lethality. <i>Journal of Immunology</i> , 2011, 187, 2849-2852.	0.4	49
135	SLC15A2 and SLC15A4 Mediate the Transport of Bacterially Derived Di/Tripeptides To Enhance the Nucleotide-Binding Oligomerization Domain-Dependent Immune Response in Mouse Bone Marrow-Derived Macrophages. <i>Journal of Immunology</i> , 2018, 201, 652-662.	0.4	48
136	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
137	Bax Homodimerization Is Not Required for Bax to Accelerate Chemotherapy-induced Cell Death. <i>Journal of Biological Chemistry</i> , 1996, 271, 32073-32077.	1.6	45
138	RACK1 Mediates NLRP3 Inflammasome Activation by Promoting NLRP3 Active Conformation and Inflammasome Assembly. <i>Cell Reports</i> , 2020, 33, 108405.	2.9	44
139	Interruption of Macrophage-Derived IL-27(p28) Production by IL-10 during Sepsis Requires STAT3 but Not SOCS3. <i>Journal of Immunology</i> , 2014, 193, 5668-5677.	0.4	42
140	Innate immune recognition of flagellin limits systemic persistence of <i>Bacteriella</i> . <i>Cellular Microbiology</i> , 2013, 15, 942-960.	1.1	38
141	IL-18 is not therapeutic for neovascular age-related macular degeneration. <i>Nature Medicine</i> , 2014, 20, 1372-1375.	15.2	37
142	Induction of Pulmonary Granuloma Formation by <i>Propionibacterium acnes</i> Is Regulated by MyD88 and Nox2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 121-130.	1.4	36
143	Cross-Tolerization between Nod1 and Nod2 Signaling Results in Reduced Refractoriness to Bacterial Infection in Nod2-Deficient Macrophages. <i>Journal of Immunology</i> , 2008, 181, 4340-4346.	0.4	34
144	Myc-Associated Zinc Finger Protein Regulates the Proinflammatory Response in Colitis and Colon Cancer via STAT3 Signaling. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	34

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145	Gut microbiota and systemic immunity in health and disease. <i>International Immunology</i> , 2021, 33, 197-209.	1.8	34
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