Gabriel NÃºÃ±ez

List of Publications by Year
in descending order

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	Dysregulation of Cytosolic c-di-GMP in Edwardsiella piscicida Promotes Cellular Non-Canonical Ferroptosis. Frontiers in Cellular and Infection Microbiology, 2022, 12, 825824.	1.8	6
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	A novel miR1983-TLR7-IFNÎ² circuit licenses NK cells to kill glioma cells, and is under the control of galectin-1. OncoImmunology, 2021, 10, 1939601.	2.1	14
5	Loss of Î±-gal during primate evolution enhanced antibody-effector function and resistance to bacterial sepsis. Cell Host and Microbe, 2021, 29, 347-361.e12.	5.1	14
6	Keratinocyte IL-36 Receptor/MyD88 Signaling MediatesMalassezia-Induced IL-17â€“Dependent Skin Inflammation. Journal of Infectious Diseases, 2021, 223, 1753-1765.	1.9	5
7	Altering the Microbiome Inhibits Tumorigenesis in a Mouse Model of Oviductal High-Grade Serous Carcinoma. Cancer Research, 2021, 81, 3309-3318.	0.4	19
8	NLRP3-Inflammasome Inhibition during Respiratory Virus Infection Abrogates Lung Immunopathology and Long-Term Airway Disease Development. Viruses, 2021, 13, 692.	1.5	15
9	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
10	TNFRSF13B polymorphisms counteract microbial adaptation to natural IgA. JCI Insight, 2021, 6, .	2.3	1
11	Regulation of Citrobacter rodentium colonization: virulence, immune response and microbiota interactions. Current Opinion in Microbiology, 2021, 63, 142-149.	2.3	16
12	G-CSF secreted by mutant IDH1 glioma stem cells abolishes myeloid cell immunosuppression and enhances the efficacy of immunotherapy. Science Advances, 2021, 7, eabh3243.	4.7	53
13	Disrupted Iron Metabolism and Mortality during Co-infection with Malaria and an Intestinal Gram-Negative Extracellular Pathogen. Cell Reports, 2021, 34, 108613.	2.9	3
14	Gut microbiota and systemic immunity in health and disease. International Immunology, 2021, 33, 197-209.	1.8	34
15	Loss of NLRP6 expression increases the severity of acute kidney injury. Nephrology Dialysis Transplantation, 2020, 35, 587-598.	0.4	26
16	Microbial Metabolite Signaling Is Required for Systemic Iron Homeostasis. Cell Metabolism, 2020, 31, 115-130.e6.	7.2	172
17	Lipopolysaccharide O structure of adherent and invasive Escherichia coli regulates intestinal inflammation via complement C3. PLoS Pathogens, 2020, 16, e1008928.	2.1	12
18	RACK1 Mediates NLRP3 Inflammasome Activation by Promoting NLRP3 Active Conformation and Inflammasome Assembly. Cell Reports, 2020, 33, 108405.	2.9	44

#	Article	IF	Citations
19	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
20	Staphylococcus Agr virulence is critical for epidermal colonization and associates with atopic dermatitis development. Science Translational Medicine, 2020, 12, .	5.8	62
21	Rosmarinus officinalis L. (Rosemary) Extracts Containing Carnosic Acid and Carnosol are Potent Quorum Sensing Inhibitors of Staphylococcus aureus Virulence. Antibiotics, 2020, 9, 149.	1.5	52
22	Hostâ€“microbiota interactions in inflammatory bowel disease. Nature Reviews Immunology, 2020, 20, 411-426.	10.6	407
23	Prdx4 limits caspaseâ€1 activation and restricts inflammasomeâ€mediated signaling by extracellular vesicles. EMBO Journal, 2019, 38, e101266.	3.5	27
24	Recognition of the microbiota by Nod2 contributes to the oral adjuvant activity of cholera toxin through the induction of interleukinâ€1 Î². Immunology, 2019, 158, 219-229.	2.0	11
25	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
26	Structural mechanism for NEK7-licensed activation of NLRP3 inflammasome. Nature, 2019, 570, 338-343.	13.7	467
27	Dynamic and Asymmetric Changes of the Microbial Communities after Cohousing in Laboratory Mice. Cell Reports, 2019, 27, 3401-3412.e3.	2.9	72
28	Pathogen Colonization Resistance in the Gut and Its Manipulation for Improved Health. American Journal of Pathology, 2019, 189, 1300-1310.	1.9	31
29	A specific gene-microbe interaction drives the development of Crohnâ€™s diseaseâ€like colitis in mice. Science Immunology, 2019, 4, .	5.6	102
30	Spontaneous atopic dermatitis in mice with a defective skin barrier is independent of ILC2 and mediated by ILâ€1Î². Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1920-1933.	2.7	51
31	Intestinal non-canonical NFÎºB signaling shapes the local and systemic immune response. Nature Communications, 2019, 10, 660.	5.8	69
32	Neutrophils Restrict Tumor-Associated Microbiota to Reduce Growth and Invasion of Colon Tumors in Mice. Gastroenterology, 2019, 156, 1467-1482.	0.6	85
33	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
34	The NLRP6 Inflammasome Recognizes Lipoteichoic Acid and Regulates Gram-Positive Pathogen Infection. Cell, 2018, 175, 1651-1664.e14.	13.5	195
35	Microbial metabolite sensor GPR43 controls severity of experimental GVHD. Nature Communications, 2018, 9, 3674.	5.8	102
36	Myc-Associated Zinc Finger Protein Regulates the Proinflammatory Response in Colitis and Colon Cancer via STAT3 Signaling. Molecular and Cellular Biology, 2018, 38, .	1.1	34

#	Article	IF	Citations
37	SLC15A2 and SLC15A4 Mediate the Transport of Bacterially Derived Di/Tripeptides To Enhance the Nucleotide-Binding Oligomerization Domainâ€“Dependent Immune Response in Mouse Bone Marrowâ€“Derived Macrophages. Journal of Immunology, 2018, 201, 652-662.	0.4	48
38	Innate Nutritional Immunity. Journal of Immunology, 2018, 201, 11-18.	0.4	78
39	Application of an agr-Specific Antivirulence Compound as Therapy for Staphylococcus aureus-Induced Inflammatory Skin Disease. Journal of Infectious Diseases, 2018, 218, 1009-1013.	1.9	26
40	Interaction between smoking and ATG16L1T300A triggers Paneth cell defects in Crohnâ€™s disease. Journal of Clinical Investigation, 2018, 128, 5110-5122.	3.9	53
41	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
42	Role of NOD1 in Heart Failure Progression via Regulation of Ca 2+ Handling. Journal of the American College of Cardiology, 2017, 69, 423-433.	1.2	30
43	A bioluminescent caspase-1 activity assay rapidly monitors inflammasome activation in cells. Journal of Immunological Methods, 2017, 447, 1-13.	0.6	66
44	IL-22 controls iron-dependent nutritional immunity against systemic bacterial infections. Science Immunology, 2017, 2, .	5.6	50
45	Neonatal acquisition of Clostridia species protects against colonization by bacterial pathogens. Science, 2017, 356, 315-319.	6.0	199
46	The interplay between host immune cells and gut microbiota in chronic inflammatory diseases. Experimental and Molecular Medicine, 2017, 49, e339-e339.	3.2	146
47	Gut microbiota: Role in pathogen colonization, immune responses, and inflammatory disease. Immunological Reviews, 2017, 279, 70-89.	2.8	1,015
48	Role of the microbiota in skin immunity and atopic dermatitis. Allergology International, 2017, 66, 539-544.	1.4	80
49	NLR Nod1 signaling promotes survival of BCR-engaged mature B cells through up-regulated Nod1 as a positive outcome. Journal of Experimental Medicine, 2017, 214, 3067-3083.	4.2	10
50	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
51	Mesenchymal Cellâ€“Specific MyD88 Signaling Promotes Systemic Dissemination of Salmonella Typhimurium via Inflammatory Monocytes. Journal of Immunology, 2017, 199, 1362-1371.	0.4	6
52	Mechanisms of inflammation-driven bacterial dysbiosis in the gut. Mucosal Immunology, 2017, 10, 18-26.	2.7	533
53	Induction of Pulmonary Granuloma Formation byPropionibacterium acnesIs Regulated by MyD88 and Nox2. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 121-130.	1.4	36
54	Identification and functional characterization of EseH, a new effector of the type III secretion system ofEdwardsiella piscicida. Cellular Microbiology, 2017, 19, e12638.	1.1	31

#	Article	IF	Citations
55	Linking Pathogen Virulence, Host Immunity and The Microbiota at the Intestinal Barrier. Keio Journal of Medicine, 2017, 66, 14-14.	0.5	2
56	The Genomic Sequence of the Oral Pathobiont Strain NI1060 Reveals Unique Strategies for Bacterial Competition and Pathogenicity. PLoS ONE, 2016, 11, e0158866.	1.1	6
57	InÂVivo Amelioration of Age-Associated Hallmarks by Partial Reprogramming. Cell, 2016, 167, 1719-1733.e12.	13.5	609
58	Gut Microbiota-Induced Immunoglobulin G Controls Systemic Infection by Symbiotic Bacteria and Pathogens. Immunity, 2016, 44, 647-658.	6.6	309
59	Nod2-mediated recognition of the microbiota is critical for mucosal adjuvant activity of cholera toxin. Nature Medicine, 2016, 22, 524-530.	15.2	94
60	Mechanism and Regulation of NLRP3 Inflammasome Activation. Trends in Biochemical Sciences, 2016, 41, 1012-1021.	3.7	1,993
61	Ã‰lie Metchnikoff (1845â€“1916): celebrating 100 years of cellular immunology and beyond. Nature Reviews Immunology, 2016, 16, 651-656.	10.6	55
62	Role of nucleotideâ€binding oligomerization domain 1 (<scp>NOD</scp>1) in pericyteâ€mediated vascular inflammation. Journal of Cellular and Molecular Medicine, 2016, 20, 980-986.	1.6	22
63	TLR4: The Winding Road to the Discovery of the LPS Receptor. Journal of Immunology, 2016, 197, 2561-2562.	0.4	21
64	A Dietary Fiber-Deprived Gut Microbiota Degrades the Colonic Mucus Barrier and Enhances Pathogen Susceptibility. Cell, 2016, 167, 1339-1353.e21.	13.5	1,882
65	Innate Immunity: ER Stress Recruits NOD1 and NOD2 for Delivery of Inflammation. Current Biology, 2016, 26, R508-R511.	1.8	18
66	NEK7 is an essential mediator of NLRP3 activation downstream of potassium efflux. Nature, 2016, 530, 354-357.	13.7	862
67	Spontaneous atopic dermatitis is mediated by innate immunity, with the secondary lung inflammation of the atopic march requiring adaptive immunity. Journal of Allergy and Clinical Immunology, 2016, 137, 482-491.	1.5	117
68	Functional characteristics of the Staphylococcus aureus Î´-toxin allelic variant G10S. Scientific Reports, 2015, 5, 18023.	1.6	15
69	Caspase-11 Requires the Pannexin-1 Channel and the Purinergic P2X7 Pore to Mediate Pyroptosis and Endotoxic Shock. Immunity, 2015, 43, 923-932.	6.6	433
70	ATG16L1 deficiency in macrophages drives clearance of uropathogenic E. coli in an IL-1Î²-dependent manner. Mucosal Immunology, 2015, 8, 1388-1399.	2.7	68
71	A small-molecule inhibitor of the NLRP3 inflammasome for the treatment of inflammatory diseases. Nature Medicine, 2015, 21, 248-255.	15.2	1,967
72	Iron Toxicity in the Retina Requires Alu RNA and the NLRP3 Inflammasome. Cell Reports, 2015, 11, 1686-1693.	2.9	78

#	Article	IF	Citations
73	NOD1, a new player in cardiac function and calcium handling. Cardiovascular Research, 2015, 106, 375-386.	1.8	26
74	Humoral Immunity in the Gut Selectively Targets Phenotypically Virulent Attaching-and-Effacing Bacteria for Intraluminal Elimination. Cell Host and Microbe, 2015, 17, 617-627.	5.1	132
75	RNase L Activates the NLRP3 Inflammasome during Viral Infections. Cell Host and Microbe, 2015, 17, 466-477.	5.1	128
76	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
77	Th17 Cell Induction by Adhesion of Microbes to Intestinal Epithelial Cells. Cell, 2015, 163, 367-380.	13.5	846
78	Intestinal macrophages arising from CCR2+ monocytes control pathogen infection by activating innate lymphoid cells. Nature Communications, 2015, 6, 8010.	5.8	86
79	Endoplasmic Reticulum Stress Activates the Inflammasome via NLRP3- and Caspase-2-Driven Mitochondrial Damage. Immunity, 2015, 43, 451-462.	6.6	328
80	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	5.0	811
81	A Genome-wide Small Interfering RNA (siRNA) Screen Reveals Nuclear Factor-ÎºB (NF-ÎºB)-independent Regulators of NOD2-induced Interleukin-8 (IL-8) Secretion. Journal of Biological Chemistry, 2014, 289, 28213-28224.	1.6	53
82	Shigella Type III Secretion Protein MxiI Is Recognized by Naip2 to Induce Nlrc4 Inflammasome Activation Independently of PkcÎ´. PLoS Pathogens, 2014, 10, e1003926.	2.1	86
83	NOD1 and NOD2: Signaling, Host Defense, and Inflammatory Disease. Immunity, 2014, 41, 898-908.	6.6	639
84	Interruption of Macrophage-Derived IL-27(p28) Production by IL-10 during Sepsis Requires STAT3 but Not SOCS3. Journal of Immunology, 2014, 193, 5668-5677.	0.4	42
85	IKKÎ± negatively regulates ASC-dependent inflammasome activation. Nature Communications, 2014, 5, 4977.	5.8	96
86	IL-18 is not therapeutic for neovascular age-related macular degeneration. Nature Medicine, 2014, 20, 1372-1375.	15.2	37
87	Escherichia coli isolates from inflammatory bowel diseases patients survive in macrophages and activate NLRP3 inflammasome. International Journal of Medical Microbiology, 2014, 304, 384-392.	1.5	98
88	Regulation of the Immune System by the Resident Intestinal Bacteria. Gastroenterology, 2014, 146, 1477-1488.	0.6	220
89	In vivo mapping of a protective linear neutralizing epitope at the N-terminus of alpha hemolysin from Staphylococcus aureus. Molecular Immunology, 2014, 60, 62-71.	1.0	9
90	Gut Dysbiosis Promotes M2 Macrophage Polarization and Allergic Airway Inflammation via Fungi-Induced PGE2. Cell Host and Microbe, 2014, 15, 95-102.	5.1	290

#	Article	IF	Citations
91	Shigella IpaH7.8 E3 ubiquitin ligase targets glomulin and activates inflammasomes to demolish macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4254-63.	3.3	87
92	Peptidoglycan Recognition Protein 3 and Nod2 Synergistically Protect Mice from Dextran Sodium Sulfateâ€“Induced Colitis. Journal of Immunology, 2014, 193, 3055-3069.	0.4	30
93	Cytosolic Double-Stranded RNA Activates the NLRP3 Inflammasome via MAVS-Induced Membrane Permeabilization and K+ Efflux. Journal of Immunology, 2014, 193, 4214-4222.	0.4	132
94	Interleukin-22 Regulates the Complement System to Promote Resistance against Pathobionts after Pathogen-Induced Intestinal Damage. Immunity, 2014, 41, 620-632.	6.6	124
95	3,4-Methylenedioxy-Î²-nitrostyrene Inhibits NLRP3 Inflammasome Activation by Blocking Assembly of the Inflammasome. Journal of Biological Chemistry, 2014, 289, 1142-1150.	1.6	216
96	Infection Mobilizes Hematopoietic Stem Cells through Cooperative NOD-like Receptor and Toll-like Receptor Signaling. Cell Host and Microbe, 2014, 15, 779-791.	5.1	149
97	K+ Efflux Is the Common Trigger of NLRP3 Inflammasome Activation by Bacterial Toxins and Particulate Matter. Immunity, 2013, 38, 1142-1153.	6.6	1,602
98	Staphylococcus Î´-toxin induces allergic skin disease by activating mast cells. Nature, 2013, 503, 397-401.	13.7	429
99	TLR Agonists Stimulate Nlrp3-Dependent IL-1Î² Production Independently of the Purinergic P2X7 Receptor in Dendritic Cells and In Vivo. Journal of Immunology, 2013, 190, 334-339.	0.4	181
100	MyD88: A Critical Adaptor Protein in Innate Immunity Signal Transduction. Journal of Immunology, 2013, 190, 3-4.	0.4	158
101	A Genome-Wide siRNA Screen Reveals Positive and Negative Regulators of the NOD2 and NF-ÎºB Signaling Pathways. Science Signaling, 2013, 6, rs3.	1.6	65
102	Role of the gut microbiota in immunity and inflammatory disease. Nature Reviews Immunology, 2013, 13, 321-335.	10.6	1,771
103	Induction of Bone Loss by Pathobiont-Mediated Nod1 Signaling in the Oral Cavity. Cell Host and Microbe, 2013, 13, 595-601.	5.1	108
104	Control of pathogens and pathobionts by the gut microbiota. Nature Immunology, 2013, 14, 685-690.	7.0	1,217
105	Innate immune recognition of flagellin limits systemic persistence ofBrucella. Cellular Microbiology, 2013, 15, 942-960.	1.1	38
106	Alcohol-Induced Liver Injury Is Modulated by Nlrp3 and Nlrc4 Inflammasomes in Mice. Mediators of Inflammation, 2013, 2013, 1-12.	1.4	52
107	The Cag pathogenicity island and interaction between <scp>TLR</scp>2/<scp>NOD</scp>2 and <scp>NLRP</scp>3 regulate <scp>IL</scp>â€1Î² production in Helicobacter pylori infected dendritic cells. European Journal of Immunology, 2013, 43, 2650-2658.	1.6	133
108	The protein kinase PKR is critical for LPSâ€induced iNOS production but dispensable for inflammasome activation in macrophages. European Journal of Immunology, 2013, 43, 1147-1152.	1.6	79

#	Article	IF	Citations
109	Multiple effects of dendritic cell depletion on murine norovirus infection. Journal of General Virology, 2013, 94, 1761-1768.	1.3	23
110	NOD2-mediated dysbiosis predisposes mice to transmissible colitis and colorectal cancer. Journal of Clinical Investigation, 2013, 123, 700-11.	3.9	444
111	Microbiota-induced IL-1Î², 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
112	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
113	The Nucleotide Synthesis Enzyme CAD Inhibits NOD2 Antibacterial Function in Human Intestinal Epithelial Cells. Gastroenterology, 2012, 142, 1483-1492.e6.	0.6	29
114	NLRC4-driven production of IL-1Î² discriminates between pathogenic and commensal bacteria and promotes host intestinal defense. Nature Immunology, 2012, 13, 449-456.	7.0	347
115	Sensing and reacting to microbes through the inflammasomes. Nature Immunology, 2012, 13, 325-332.	7.0	876
116	Regulated Virulence Controls the Ability of a Pathogen to Compete with the Gut Microbiota. Science, 2012, 336, 1325-1329.	6.0	546
117	Divergence of the systemic immune response following oral infection with distinct strains ofPorphyromonas gingivalis. Molecular Oral Microbiology, 2012, , n/a-n/a.	1.3	0
118	Are heat shock proteins DAMPs?. Nature Reviews Immunology, 2011, 11, 565-565.	10.6	7
119	A Functional Role for Nlrp6 in Intestinal Inflammation and Tumorigenesis. Journal of Immunology, 2011, 186, 7187-7194.	0.4	373
120	The Nod2 Sensor Promotes Intestinal Pathogen Eradication via the Chemokine CCL2-Dependent Recruitment of Inflammatory Monocytes. Immunity, 2011, 34, 769-780.	6.6	215
121	Cutting Edge: Reactive Oxygen Species Inhibitors Block Priming, but Not Activation, of the NLRP3 Inflammasome. Journal of Immunology, 2011, 187, 613-617.	0.4	506
122	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
123	Cutting Edge: Crohnâ€™s Disease-Associated Nod2 Mutation Limits Production of Proinflammatory Cytokines To Protect the Host from Enterococcus faecalis-Induced Lethality. Journal of Immunology, 2011, 187, 2849-2852.	0.4	49
124	Nod1 and Nod2 direct autophagy by recruiting ATG16L1 to the plasma membrane at the site of bacterial entry. Nature Immunology, 2010, 11, 55-62.	7.0	1,125
125	Sterile inflammation: sensing and reacting to damage. Nature Reviews Immunology, 2010, 10, 826-837.	10.6	2,469
126	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

#	ARTICLE	IF	CITATIONS
127	Cutting Edge: TNF-Î± Mediates Sensitization to ATP and Silica via the NLRP3 Inflammasome in the Absence of Microbial Stimulation. Journal of Immunology, 2009, 183, 792-796.	0.4	480
128	Cholesterol-dependent cytolysins induce rapid release of mature IL-1Î² from murine macrophages in a NLRP3 inflammasome and cathepsin B-dependent manner. Journal of Leukocyte Biology, 2009, 86, 1227-1238.	1.5	109
129	The inflammasome: a caspase-1-activation platform that regulates immune responses and disease pathogenesis. Nature Immunology, 2009, 10, 241-247.	7.0	1,568
130	Function of Nodâ€like receptors in microbial recognition and host defense. Immunological Reviews, 2009, 227, 106-128.	2.8	727
131	NOD-Like Receptors: Role in Innate Immunity and Inflammatory Disease. Annual Review of Pathology: Mechanisms of Disease, 2009, 4, 365-398.	9.6	628
132	Activation of the Nlrp3 Inflammasome by Streptococcus pyogenes Requires Streptolysin O and NF-ÎºB Activation but Proceeds Independently of TLR Signaling and P2X7 Receptor. Journal of Immunology, 2009, 183, 5823-5829.	0.4	201
133	A critical role of RICK/RIP2 polyubiquitination in Nod-induced NF-ÎºB activation. EMBO Journal, 2008, 27, 373-383.	3.5	469
134	The NLR Gene Family: A Standard Nomenclature. Immunity, 2008, 28, 285-287.	6.6	761
135	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
136	The Innate Immune Receptor Nod1 Protects the Intestine from Inflammation-Induced Tumorigenesis. Cancer Research, 2008, 68, 10060-10067.	0.4	226
137	Cross-Tolerization between Nod1 and Nod2 Signaling Results in Reduced Refractoriness to Bacterial Infection in Nod2-Deficient Macrophages. Journal of Immunology, 2008, 181, 4340-4346.	0.4	34
138	TAK1 Is a Central Mediator of NOD2 Signaling in Epidermal Cells. Journal of Biological Chemistry, 2008, 283, 137-144.	1.6	79
139	RICK/RIP2 Mediates Innate Immune Responses Induced through Nod1 and Nod2 but Not TLRs. Journal of Immunology, 2007, 178, 2380-2386.	0.4	452
140	Differential Requirement of P2X7 Receptor and Intracellular K+ for Caspase-1 Activation Induced by Intracellular and Extracellular Bacteria. Journal of Biological Chemistry, 2007, 282, 18810-18818.	1.6	303
141	Differential Regulation of Caspase-1 Activation, Pyroptosis, and Autophagy via Ipaf and ASC in Shigella-Infected Macrophages. PLoS Pathogens, 2007, 3, e111.	2.1	469
142	Nod1/RICK and TLR Signaling Regulate Chemokine and Antimicrobial Innate Immune Responses in Mesothelial Cells. Journal of Immunology, 2007, 179, 514-521.	0.4	165
143	Intracellular NOD-like Receptors in Host Defense and Disease. Immunity, 2007, 27, 549-559.	6.6	893
144	A major role for intestinal epithelial nucleotide oligomerization domain 1 (NOD1) in eliciting host bactericidal immune responses to Campylobacter jejuni. Cellular Microbiology, 2007, 9, 2404-2416.	1.1	95

#	Article	IF	Citations
145	A major role for intestinal epithelial nucleotide oligomerization domain 1 (NOD1) in eliciting host bactericidal immune responses to Campylobacter jejuni. Cellular Microbiology, 2007, 9, 2541-2541.	1.1	11
146	Distinct Roles of TLR2 and the Adaptor ASC in IL-1Î²/IL-18 Secretion in Response to Listeria monocytogenes. Journal of Immunology, 2006, 176, 4337-4342.	0.4	165
147	Cytosolic flagellin requires Ipaf for activation of caspase-1 and interleukin 1Î² in salmonella-infected macrophages. Nature Immunology, 2006, 7, 576-582.	7.0	1,028
148	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. Nature, 2006, 440, 233-236.	13.7	1,016
149	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
150	Differential Release and Distribution of Nod1 and Nod2 Immunostimulatory Molecules among Bacterial Species and Environments. Journal of Biological Chemistry, 2006, 281, 29054-29063.	1.6	146
151	Critical Role for Cryopyrin/Nalp3 in Activation of Caspase-1 in Response to Viral Infection and Double-stranded RNA*. Journal of Biological Chemistry, 2006, 281, 36560-36568.	1.6	598
152	Nod2-Dependent Regulation of Innate and Adaptive Immunity in the Intestinal Tract. Science, 2005, 307, 731-734.	6.0	1,643
153	Regulatory regions and critical residues of NOD2 involved in muramyl dipeptide recognition. EMBO Journal, 2004, 23, 1587-1597.	3.5	325
154	An essential role for NOD1 in host recognition of bacterial peptidoglycan containing diaminopimelic acid. Nature Immunology, 2003, 4, 702-707.	7.0	1,139
155	Crohnâ€™s disease and the NOD2 gene: a role for paneth cells. Gastroenterology, 2003, 125, 47-57.	0.6	500
156	Host Recognition of Bacterial Muramyl Dipeptide Mediated through NOD2. Journal of Biological Chemistry, 2003, 278, 5509-5512.	1.6	1,473
157	Expression of NOD2 in Paneth cells: a possible link to Crohn's ileitis. Gut, 2003, 52, 1591-1597.	6.1	381
158	RICK/Rip2/CARDIAK mediates signalling for receptors of the innate and adaptive immune systems. Nature, 2002, 416, 194-199.	13.7	827
159	Evaluation of a new dual-specificity promoter for selective induction of apoptosis in breast cancer cells. Cancer Gene Therapy, 2001, 8, 298-307.	2.2	29
160	A frameshift mutation in NOD2 associated with susceptibility to Crohn's disease. Nature, 2001, 411, 603-606.	13.7	4,589
161	Nod2, a Nod1/Apaf-1 Family Member That Is Restricted to Monocytes and Activates NF-ÎºB. Journal of Biological Chemistry, 2001, 276, 4812-4818.	1.6	1,201
162	Human Nod1 Confers Responsiveness to Bacterial Lipopolysaccharides. Journal of Biological Chemistry, 2001, 276, 2551-2554.	1.6	457

#	Article	IF	Citations
163	Nod1, an Apaf-1-like Activator of Caspase-9 and Nuclear Factor-Îº B. Journal of Biological Chemistry, 1999, 274, 14560-14567.	1.6	639
164	Requirement for T-cell apoptosis in the induction of peripheral transplantation tolerance. Nature Medicine, 1999, 5, 1303-1307.	15.2	574
165	Letter to the Editor. Cell Death and Differentiation, 1999, 6, 823-824.	5.0	27
166	Altered expression of mRNAs for apoptosis-modulating proteins in a low level multidrug resistant variant of a human lung carcinoma cell line that also expressesmdr1 mRNA. , 1999, 82, 368-376.		32
167	Growth factors prevent changes in Bcl-2 and Bax expression and neuronal apoptosis induced by nitric oxide. Cell Death and Differentiation, 1998, 5, 911-919.	5.0	117
168	EGF receptor signaling inhibits keratinocyte apoptosis: evidence for mediation by Bcl-XL. Oncogene, 1998, 16, 1493-1499.	2.6	107
169	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. European Journal of Immunology, 1998, 28, 560-569.	1.6	69
170	Targeting cancer cell death with a bcl-xS adenovirus. Seminars in Immunopathology, 1998, 19, 279-288.	4.0	13
171	Linking extracellular survival signals and the apoptotic machinery. Current Opinion in Neurobiology, 1998, 8, 613-618.	2.0	83
172	Bcl-XL interacts with Apaf-1 and inhibits Apaf-1-dependent caspase-9 activation. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 4386-4391.	3.3	513
173	Bcl-xL overexpression attenuates glutathione depletion in FL5.12 cells following interleukin-3 withdrawal. Biochemical Journal, 1997, 325, 315-319.	1.7	89
174	Interleukin-3-Induced Phosphorylation of BAD Through the Protein Kinase Akt. Science, 1997, 278, 687-689.	6.0	2,085
175	Bax Homodimerization Is Not Required for Bax to Accelerate Chemotherapy-induced Cell Death. Journal of Biological Chemistry, 1996, 271, 32073-32077.	1.6	45
176	Bax Can Antagonize Bcl-XL during Etoposide and Cisplatin-induced Cell Death Independently of Its Heterodimerization with Bcl-XL. Journal of Biological Chemistry, 1996, 271, 22764-22772.	1.6	93
177	Bax promotes neuronal survival and antagonises the survival effects of neurotrophic factors. Development (Cambridge), 1996, 122, 695-701.	1.2	77
178	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. Journal of Immunology, 1995, 155, 3830-8.	0.4	88
179	The Bcl-2 family of proteins: regulators of cell death and survival. Trends in Cell Biology, 1994, 4, 399-403.	3.6	222
180	bcl-xLx is the major bcl-x mRNA form expressed during murine development and its product localizes to mitochondria. Development (Cambridge), 1994, 120, 3033-3042.	1.2	383

#	Article	IF	Citations
181	v-raf suppresses apoptosis and promotes growth of interleukin-3-dependent myeloid cells. Oncogene, 1994, 9, 2217-26.	2.6	92
182	Bcl-2 maintains B cell memory. Nature, 1991, 353, 71-73.	13.7	209
183	Bcl-2 is an inner mitochondrial membrane protein that blocks programmed cell death. Nature, 1990, 348, 334-336.	13.7	3,662
184	Deregulated Bcl-2-Immunoglobulin Transgene Expands a Resting but Responsive Immunoglobulin M and D-Expressing B-Cell Population. Molecular and Cellular Biology, 1990, 10, 1901-1907.	1.1	61
185	Deregulated Bcl-2 gene expression selectively prolongs survival of growth factor-deprived hemopoietic cell lines. Journal of Immunology, 1990, 144, 3602-10.	0.4	626
186	Growth- and tumor-promoting effects of deregulated BCL2 in human B-lymphoblastoid cells.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 4589-4593.	3.3	132
187	Role of the gut microbiota in immunity and inflammatory disease. , 0, .		1
188	Epidermal clearance of Candida albicans is mediated by IL-17 but independent of fungal innate immune receptors. International Immunology, 0, , .	1.8	3