## NODs: intracellular proteins involved in inflammation a

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Citation Report

#	Article	IF	CITATIONS
1	Detection of peptidoglycans by NOD proteins. Trends in Cell Biology, 2003, 13, 610-614.	3.6	10
2	Nods, Nalps and Naip: intracellular regulators of bacterial-induced inflammation. Cellular Microbiology, 2003, 5, 581-592.	1.1	309
3	To be, or not to be: NF-κB is the answer – role of Rel/NF-κB in the regulation of apoptosis. Oncogene, 2003, 22, 8961-8982.	2.6	704
4	Intracellular debugging. Nature Immunology, 2003, 4, 652-654.	7.0	15
5	An essential role for NOD1 in host recognition of bacterial peptidoglycan containing diaminopimelic acid. Nature Immunology, 2003, 4, 702-707.	7.0	1,139
7	Innate immune activation as a broad-spectrum biodefense strategy Prospects and research challenges. Journal of Allergy and Clinical Immunology, 2003, 112, 686-694.	1.5	68
8	A murine model of chronic inflammation-induced intestinal fibrosis down-regulated by antisense NF-κB. Gastroenterology, 2003, 125, 1750-1761.	0.6	203
9	Lessons from Nod2 studies: towards a link between Crohn's disease and bacterial sensing. Trends in Immunology, 2003, 24, 652-658.	2.9	142
10	Structural localization of disease-associated sequence variations in the NACHT and LRR domains of PYPAF1 and NOD2. FEBS Letters, 2003, 554, 520-528.	1.3	50
11	Sequential MyD88-Independent and -Dependent Activation of Innate Immune Responses to Intracellular Bacterial Infection. Immunity, 2003, 19, 891-901.	6.6	188
12	Targeting of Costimulatory Molecules as a Therapeutic Approach in Inflammatory Bowel Disease. BioDrugs, 2003, 17, 395-411.	2.2	10
13	Peptidoglycan Molecular Requirements Allowing Detection by Nod1 and Nod2. Journal of Biological Chemistry, 2003, 278, 41702-41708.	1.6	578
14	Role of Nod2 in the Response of Macrophages to Toll-Like Receptor Agonists. Molecular and Cellular Biology, 2003, 23, 7531-7539.	1.1	248
15	A Dominant Role of Toll-Like Receptor 4 in the Signaling of Apoptosis in Bacteria-Faced Macrophages. Journal of Immunology, 2003, 171, 4294-4303.	0.4	124
16	Promiscuity of MHC Class Ib-Restricted T Cell Responses. Journal of Immunology, 2003, 171, 5948-5955.	0.4	21
17	Oxidized low density lipoprotein and innate immune receptors. Current Opinion in Lipidology, 2003, 14, 437-445.	1.2	164
18	Probiotic Effects of Bacillus subtilis (natto). Journal of the Brewing Society of Japan, 2003, 98, 830-839.	0.1	5
19	Interpreting the Host-Pathogen Dialogue Through Microarrays. Advances in Applied Microbiology, 2004, 54, 291-331.	1.3	7

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#	Article	IF	CITATIONS
20	TLR-Independent Induction of Dendritic Cell Maturation and Adaptive Immunity by Negative-Strand RNA Viruses. Journal of Immunology, 2004, 173, 6882-6889.	0.4	131
21	Nod1 Is an Essential Signal Transducer in Intestinal Epithelial Cells Infected with Bacteria That Avoid Recognition by Toll-Like Receptors. Infection and Immunity, 2004, 72, 1487-1495.	1.0	223
22	Intracellular Bacterial Infection-Induced IFN-γ Is Critically but Not Solely Dependent on Toll-Like Receptor 4-Myeloid Differentiation Factor 88-IFN-αβ-STAT1 Signaling. Journal of Immunology, 2004, 172, 6345-6353.	0.4	60
23	Genetics of inflammatory bowel disease: progress and prospects. Human Molecular Genetics, 2004, 13, 161R-168.	1.4	106
24	Long-Term Control of Mycobacterium bovis BCG Infection in the Absence of Toll-Like Receptors (TLRs): Investigation of TLR2-, TLR6-, or TLR2-TLR4-Deficient Mice. Infection and Immunity, 2004, 72, 6994-7004.	1.0	48
25	IL-1Â: An endosomal exit. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10241-10242.	3.3	49
26	Guarding the Goods. New Insights into the Central Alarm System of Plants: Figure 1 Plant Physiology, 2004, 135, 695-701.	2.3	63
27	Macrophages from Mice with the Restrictive Lgn1 Allele Exhibit Multifactorial Resistance to Legionella pneumophila. Infection and Immunity, 2004, 72, 6221-6229.	1.0	71
28	Cryopyrin-induced Interleukin 1β Secretion in Monocytic Cells. Journal of Biological Chemistry, 2004, 279, 21924-21928.	1.6	215
29	Neuronal Apoptosis-inhibitory Protein Does Not Interact with Smac and Requires ATP to Bind Caspase-9. Journal of Biological Chemistry, 2004, 279, 40622-40628.	1.6	64
30	Altering immune tolerance therapeutically: the power of negative thinking. Journal of Leukocyte Biology, 2004, 75, 586-599.	1.5	18
31	Fundamentals of Endotoxin Structure and Function. , 2004, 12, 1-27.		40
32	Splitting the Apoptosome. Cell Cycle, 2004, 3, 444-446.	1.3	12
33	Viral Activation of Macrophages through TLR-Dependent and -Independent Pathways. Journal of Immunology, 2004, 173, 6890-6898.	0.4	109
34	IFN Regulatory Factor 3-Dependent Induction of Type I IFNs by Intracellular Bacteria Is Mediated by a TLR- and Nod2-Independent Mechanism. Journal of Immunology, 2004, 173, 7416-7425.	0.4	195
35	Proteomic Analysis of the Intestinal Epithelial Cell Response to Enteropathogenic Escherichia coli. Journal of Biological Chemistry, 2004, 279, 20127-20136.	1.6	76
36	A specific gene expression program triggered by Gram-positive bacteria in the cytosol. Proceedings of the United States of America, 2004, 101, 11386-11391.	3.3	178
37	Targeting Rac1 by the Yersinia Effector Protein YopE Inhibits Caspase-1-mediated Maturation and Release of Interleukin-1β. Journal of Biological Chemistry, 2004, 279, 25134-25142.	1.6	121

#	Article	IF	CITATIONS
38	Caspase-1 Activates Nuclear Factor of the κ-Enhancer in B Cells Independently of Its Enzymatic Activity. Journal of Biological Chemistry, 2004, 279, 24785-24793.	1.6	127
39	RICK Activates a NF-κB-dependent Anti-human Cytomegalovirus Response. Journal of Biological Chemistry, 2004, 279, 9642-9652.	1.6	31
40	Structural basis for peptidoglycan binding by peptidoglycan recognition proteins. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17168-17173.	3.3	118
41	The crystal structure of Pseudomonas avirulence protein AvrPphB: A papain-like fold with a distinct substrate-binding site. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 302-307.	3.3	113
42	PYNOD, a novel Apafâ€1/CED4â€like protein is an inhibitor of ASC and caspaseâ€1. International Immunology, 2004, 16, 777-786.	1.8	107
43	The V proteins of paramyxoviruses bind the IFN-inducible RNA helicase, mda-5, and inhibit its activation of the IFN-Â promoter. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17264-17269.	3.3	867
44	Genetic Screening for Susceptibility to Infection in the NICU Setting: Commentary on the article by Ahrens et al. on page 652. Pediatric Research, 2004, 55, 546-548.	1.1	5
45	Immunity to vacuolar pathogens: What can we learn from Legionella?. Cellular Microbiology, 2004, 6, 1011-1018.	1.1	32
46	Salmonella-induced macrophage death: multiple mechanisms, different outcomes. Cellular Microbiology, 2004, 6, 1019-1025.	1.1	78
47	Disabling surveillance: bacterial type III secretion system effectors that suppress innate immunity. Cellular Microbiology, 2004, 6, 1027-1040.	1.1	147
48	ASC is essential for LPS-induced activation of procaspase-1 independently of TLR-associated signal adaptor molecules. Genes To Cells, 2004, 9, 1055-1067.	0.5	169
49	Adjuvant synergy: The effects of nasal coadministration of adjuvants. Immunology and Cell Biology, 2004, 82, 628-637.	1.0	45
50	Modulating vaccine responses with dendritic cells and Toll-like receptors. Immunological Reviews, 2004, 199, 227-250.	2.8	278
51	Mindin the fort. Nature Immunology, 2004, 5, 16-18.	7.0	8
52	Cutting into innate immunity. Nature Immunology, 2004, 5, 563-564.	7.0	5
53	Dendritic cells: the immune information management experts. Nature Immunology, 2004, 5, 564-566.	7.0	48
54	How NOD-ing off leads to Crohn disease. Nature Immunology, 2004, 5, 776-778.	7.0	19
55	The RNA helicase RIG-I has an essential function in double-stranded RNA-induced innate antiviral responses. Nature Immunology, 2004, 5, 730-737.	7.0	3,433

#	Article	IF	CITATIONS
56	NOD2 is a negative regulator of Toll-like receptor 2–mediated T helper type 1 responses. Nature Immunology, 2004, 5, 800-808.	7.0	767
57	Therapeutic potential of oral tolerance. Nature Reviews Immunology, 2004, 4, 407-419.	10.6	183
58	Hydrophobicity: an ancient damage-associated molecular pattern that initiates innate immune responses. Nature Reviews Immunology, 2004, 4, 469-478.	10.6	1,101
60	Toll-like receptor signalling. Nature Reviews Immunology, 2004, 4, 499-511.	10.6	7,318
61	Therapeutics targeting the innate immune system. Nature Reviews Immunology, 2004, 4, 512-520.	10.6	290
62	The immunogenetics of asthma and eczema: a new focus on the epithelium. Nature Reviews Immunology, 2004, 4, 978-988.	10.6	349
63	Coupling of caspase-9 to Apaf1 in response to loss of pRb or cytotoxic drugs is cell-type-specific. EMBO Journal, 2004, 23, 460-472.	3.5	46
64	Regulatory regions and critical residues of NOD2 involved in muramyl dipeptide recognition. EMBO Journal, 2004, 23, 1587-1597.	3.5	325
65	Differential activation of the inflammasome by caspase-1 adaptors ASC and Ipaf. Nature, 2004, 430, 213-218.	13.7	1,627
66	Genetic Origin of IBD. Inflammatory Bowel Diseases, 2004, 10, S11-S15.	0.9	38
66 67	Genetic Origin of IBD. Inflammatory Bowel Diseases, 2004, 10, S11-S15. Mucosal Immunity in Crohn's Disease. Inflammatory Bowel Diseases, 2004, 10, S29-S31.	0.9	38
66 67 68	Genetic Origin of IBD. Inflammatory Bowel Diseases, 2004, 10, S11-S15.         Mucosal Immunity in Crohn's Disease. Inflammatory Bowel Diseases, 2004, 10, S29-S31.         Innate Immunity and Apoptosis in IBD. Inflammatory Bowel Diseases, 2004, 10, S58-S62.	0.9 0.9 0.9	38 7 32
<ul><li>66</li><li>67</li><li>68</li><li>69</li></ul>	Genetic Origin of IBD. Inflammatory Bowel Diseases, 2004, 10, S11-S15.         Mucosal Immunity in Crohn's Disease. Inflammatory Bowel Diseases, 2004, 10, S29-S31.         Innate Immunity and Apoptosis in IBD. Inflammatory Bowel Diseases, 2004, 10, S58-S62.         Molecular Aspects of Intestinal Epithelial Cell-bacterial Interactions That Determine the Development of Intestinal Inflammatory Bowel Diseases, 2004, 10, 159-168.	0.9 0.9 0.9 0.9	38 7 32 39
<ul> <li>66</li> <li>67</li> <li>68</li> <li>69</li> <li>70</li> </ul>	Cenetic Origin of IBD. Inflammatory Bowel Diseases, 2004, 10, S11-S15.         Mucosal Immunity in Crohn's Disease. Inflammatory Bowel Diseases, 2004, 10, S29-S31.         Innate Immunity and Apoptosis in IBD. Inflammatory Bowel Diseases, 2004, 10, S58-S62.         Molecular Aspects of Intestinal Epithelial Cell-bacterial Interactions That Determine the Development of Intestinal Inflammatory Bowel Diseases, 2004, 10, 159-168.         The Role of Antibiotics in the Management of Crohn's Disease. Inflammatory Bowel Diseases, 2004, 10, 258-S62.	0.9 0.9 0.9 0.9	38 7 32 39 21
<ul> <li>66</li> <li>67</li> <li>68</li> <li>69</li> <li>70</li> <li>71</li> </ul>	Genetic Origin of IBD. Inflammatory Bowel Diseases, 2004, 10, S11-S15.         Mucosal Immunity in Crohn's Disease. Inflammatory Bowel Diseases, 2004, 10, S29-S31.         Innate Immunity and Apoptosis in IBD. Inflammatory Bowel Diseases, 2004, 10, S58-S62.         Molecular Aspects of Intestinal Epithelial Cell-bacterial Interactions That Determine the Development of Intestinal Inflammatory Bowel Diseases, 2004, 10, 159-168.         The Role of Antibiotics in the Management of Crohn's Disease. Inflammatory Bowel Diseases, 2004, 10, 159-168.         Manipulation of apoptosis in the host–parasite interaction. Trends in Parasitology, 2004, 20, 280-287.	0.9 0.9 0.9 0.9 0.9	<ul> <li>38</li> <li>7</li> <li>32</li> <li>39</li> <li>21</li> <li>103</li> </ul>
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#	Article	IF	CITATIONS
76	Evasive Maneuvers by Secreted Bacterial Proteins to Avoid Innate Immune Responses. Current Biology, 2004, 14, R856-R867.	1.8	50
77	Identification of Bacterial Muramyl Dipeptide as Activator of the NALP3/Cryopyrin Inflammasome. Current Biology, 2004, 14, 1929-1934.	1.8	512
78	Inflammatory Diseases: Is Ubiquitinated NEMO at the Hub?. Current Biology, 2004, 14, R1040-R1042.	1.8	32
79	Analysis of gene expression in neural cells subject to chronic proteasome inhibition. Free Radical Biology and Medicine, 2004, 36, 445-455.	1.3	30
80	Plants as models for the study of human pathogenesis. Biotechnology Advances, 2004, 22, 363-382.	6.0	23
81	Microbes and their products—physiological effects upon mammalian mucosa. Advanced Drug Delivery Reviews, 2004, 56, 727-762.	6.6	11
82	TMS1/ASC: The cancer connection. Apoptosis: an International Journal on Programmed Cell Death, 2004, 9, 5-18.	2.2	85
83	Osteoblast Responses to Bacterial Pathogens: A Previously Unappreciated Role for Bone-Forming Cells in Host Defense and Disease Progression. Immunologic Research, 2004, 30, 291-308.	1.3	82
84	Induction and Regulation of IFNs During Viral Infections. Journal of Interferon and Cytokine Research, 2004, 24, 439-454.	0.5	375
85	Toll-like receptors in innate immunity. International Immunology, 2004, 17, 1-14.	1.8	2,786
86	Cell biology of the intracellular infection by Legionella pneumophila. Microbes and Infection, 2004, 6, 129-139.	1.0	61
87	Genomic-based therapy: Targeting interleukin-1 for autoinflammatory diseases. Arthritis and Rheumatism, 2004, 50, 345-349.	6.7	228
88	Mini-review: The role of peptidoglycan recognition in innate immunity. European Journal of Immunology, 2004, 34, 1777-1782.	1.6	119
89	Innate immune recognition of microbes through Nod1 and Nod2: implications for disease. Microbes and Infection, 2004, 6, 609-616.	1.0	61
90	Plant innate immunity – direct and indirect recognition of general and specific pathogen-associated molecules. Current Opinion in Immunology, 2004, 16, 48-62.	2.4	290
91	Toll-like receptor pathways in the immune responses to mycobacteria. Microbes and Infection, 2004, 6, 946-959.	1.0	234
92	Pleiotropic function of Toll-like receptors. Microbes and Infection, 2004, 6, 1388-1394.	1.0	116
93	Inherited disorders of NF-κB-mediated immunity in man. Current Opinion in Immunology, 2004, 16, 34-41.	2.4	188

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#	Article	IF	CITATIONS
94	The Innate Immune Response to Adenovirus Vectors. Human Gene Therapy, 2004, 15, 1157-1166.	1.4	371
95	Identifying Mutations in Autoinflammatory Diseases. Molecular Diagnosis and Therapy, 2004, 4, 109-118.	3.3	26
96	The protein structures that shape caspase activity, specificity, activation and inhibition. Biochemical Journal, 2004, 384, 201-232.	1.7	754
97	The spectrum of acquired and familial cold-induced urticaria/urticaria-like syndromes. Immunology and Allergy Clinics of North America, 2004, 24, 259-286.	0.7	94
98	Nods and ?intracellular? innate immunity. Comptes Rendus - Biologies, 2004, 327, 551-551.	0.1	0
99	Rapid detection of common CARD15 variants in patients with inflammatory bowel disease. Molecular Diagnosis and Therapy, 2004, 8, 101-105.	1.3	11
100	Inflammatory Caspases. Cell, 2004, 117, 561-574.	13.5	866
101	Recognition of Commensal Microflora by Toll-Like Receptors Is Required for Intestinal Homeostasis. Cell, 2004, 118, 229-241.	13.5	3,781
102	LXR-Dependent Gene Expression Is Important for Macrophage Survival and the Innate Immune Response. Cell, 2004, 119, 299-309.	13.5	498
103	Nods and â€~intracellular' innate immunity. Comptes Rendus - Biologies, 2004, 327, 551-555.	0.1	35
104	Pathogen recognition or homeostasis? APC receptor functions in innate immunity. Comptes Rendus - Biologies, 2004, 327, 603-607.	0.1	30
105	Fire and death: the pyrin domain joins the death-domain superfamily. Comptes Rendus - Biologies, 2004, 327, 1077-1086.	0.1	45
106	Murine peptidoglycan recognition proteins Pglyrplα and Pglyrplβ are encoded in the epidermal differentiation complex and are expressed in epidermal and hematopoietic tissues. Genomics, 2004, 83, 1151-1163.	1.3	47
107	Apoptosome formation and caspase activation: is it different in the heart?. Journal of Molecular and Cellular Cardiology, 2004, 37, 643-652.	0.9	62
108	Battling enteroinvasive bacteria: Nod1 comes to the rescue. Trends in Microbiology, 2004, 12, 529-532.	3.5	20
109	Identification and functional analysis of Arabidopsis proteins that interact with resistance gene product RPS2 in yeast. Physiological and Molecular Plant Pathology, 2004, 65, 257-267.	1.3	14
110	A systems approach to dissecting immunity and inflammation. Seminars in Immunology, 2004, 16, 55-67.	2.7	70
111	Innate immune responses during infection. Vaccine, 2004, 22, S25-S30.	1.7	38

#	Article	IF	Citations
112	Illuminating Autoimmune Regulators through Controlled Variation of the Mouse Genome Sequence. Immunity, 2004, 20, 669-679.	6.6	44
113	A common pathway in periodic fever syndromes. Trends in Immunology, 2004, 25, 457-460.	2.9	72
114	TLRs: Professor Mechnikov, sit on your hat. Trends in Immunology, 2004, 25, 687-693.	2.9	128
115	T cell responses to Listeria monocytogenes. Current Opinion in Microbiology, 2004, 7, 45-50.	2.3	102
116	Bacterial subversion of lipid rafts. Current Opinion in Microbiology, 2004, 7, 4-10.	2.3	103
117	Innate immunity via Toll-like receptors and Nod proteins. Current Opinion in Microbiology, 2004, 7, 25-32.	2.3	127
118	The role of Toll-like receptors and Nod proteins in bacterial infection. Molecular Immunology, 2004, 41, 1099-1108.	1.0	236
119	Pattern recognition receptors and their involvement in the pathogenesis of arthritis. Current Opinion in Rheumatology, 2004, 16, 411-418.	2.0	26
120	Innate immunity and mucosal bacterial interactions in the intestine. Current Opinion in Gastroenterology, 2004, 20, 82-88.	1.0	62
121	Interaction Between Resident Luminal Bacteria and the Host: Can a Healthy Relationship Turn Sour?. Journal of Pediatric Gastroenterology and Nutrition, 2004, 38, 123-136.	0.9	65
122	Early-onset sarcoidosis and CARD15 mutations with constitutive nuclear factor-ÂB activation: common genetic etiology with Blau syndrome. Blood, 2004, 105, 1195-1197.	0.6	444
123	Host–bacterial interactions in inflammatory bowel disease. Clinical Science, 2004, 107, 331-341.	1.8	85
124	Bacterial Genes Involved in Type I Secretion and Sulfation Are Required to Elicit the Rice Xa21-Mediated Innate Immune Response. Molecular Plant-Microbe Interactions, 2004, 17, 593-601.	1.4	124
125	Neonatal-Onset Multisystem Inflammatory Disorder. Archives of Dermatology, 2005, 141, 248-53.	1.7	41
126	Defence molecules in intestinal innate immunity against bacterial infections. Current Opinion in Gastroenterology, 2005, 21, 147-151.	1.0	69
127	Oral tolerance and inflammatory bowel disease. Current Opinion in Gastroenterology, 2005, 21, 692-696.	1.0	32
128	Structures and Motifs Involved in Toll Signaling. , 2005, , 56-93.		2
129	Innate Immunity. Journal of Pediatric Gastroenterology and Nutrition, 2005, 40, S13-S15.	0.9	1

#	Article	IF	Citations
130	Early-onset sarcoidosis gets the nod. Blood, 2005, 105, 912-912.	0.6	3
131	Down-regulation of ADAMTS13 activity by serine proteases. Blood, 2005, 105, 911-912.	0.6	Ο
132	NOD proteins: an intracellular pathogen-recognition system or signal transduction modifiers?. Current Opinion in Immunology, 2005, 17, 352-358.	2.4	68
133	Crohn's Disease Is Associated with Polymorphism of CARD15/NOD2 Gene in a Hungarian Population. Annals of the New York Academy of Sciences, 2005, 1051, 45-51.	1.8	18
134	Ubiquitin signalling in the NF-κB pathway. Nature Cell Biology, 2005, 7, 758-765.	4.6	1,092
136	Negative regulation of Toll-like receptor-mediated immune responses. Nature Reviews Immunology, 2005, 5, 446-458.	10.6	1,367
137	The Yin and Yang of type I interferon activity in bacterial infection. Nature Reviews Immunology, 2005, 5, 675-687.	10.6	410
138	Mechanisms of plant resistance to viruses. Nature Reviews Microbiology, 2005, 3, 789-798.	13.6	292
139	A new CARD15 mutation in Blau syndrome. European Journal of Human Genetics, 2005, 13, 742-747.	1.4	72
140	NODing Off and Ramping Up. Inflammatory Bowel Diseases, 2005, 11, 860-861.	0.9	3
141	Expanding the Role of Strictureplasty: Can Resections be Made Obsolete?. Inflammatory Bowel Diseases, 2005, 11, 861-862.	0.9	1
142	The genetics of vulnerability. Nature, 2005, 434, 709-711.	13.7	8
143	The Role of Toll-like Receptors in the Pathogenesis and Treatment of Dermatological Disease. Journal of Investigative Dermatology, 2005, 125, 1-8.	0.3	171
144	Induction and localization of NOD2 protein in human endothelial cells. Cellular Immunology, 2005, 237, 37-44.	1.4	45
145	NRG1, a CC-NB-LRR Protein, together with N, a TIR-NB-LRR Protein, Mediates Resistance against Tobacco Mosaic Virus. Current Biology, 2005, 15, 968-973.	1.8	267
146	MOS2, a Protein Containing G-Patch and KOW Motifs, Is Essential for Innate Immunity in Arabidopsis thaliana. Current Biology, 2005, 15, 1936-1942.	1.8	84
147	A Structure of the Human Apoptosome at 12.8 Ã Resolution Provides Insights into This Cell Death Platform. Structure, 2005, 13, 1725-1735.	1.6	145
148	The RIP kinases: crucial integrators of cellular stress. Trends in Biochemical Sciences, 2005, 30, 151-159.	3.7	359

#	Article	IF	CITATIONS
149	Innate immunity to mycobacterial infection in mice: Critical role for toll-like receptors. Tuberculosis, 2005, 85, 395-405.	0.8	56
150	Reading the viral signature by Toll-like receptors and other pattern recognition receptors. Journal of Molecular Medicine, 2005, 83, 180-192.	1.7	118
151	Intestinal epithelial barrier and mucosal immunity. Cellular and Molecular Life Sciences, 2005, 62, 1339-1348.	2.4	67
152	Structural analysis of leucine-rich-repeat variants in proteins associated with human diseases. Cellular and Molecular Life Sciences, 2005, 62, 2771-2791.	2.4	91
153	Generation of improved mucosal vaccines by induction of innate immunity. Cellular and Molecular Life Sciences, 2005, 62, 2750-2770.	2.4	35
154	Manipulation of innate immunity by bacterial pathogens. Current Opinion in Immunology, 2005, 17, 25-28.	2.4	42
155	Functional interaction of CARD15/NOD2 and Crohn's disease-associated TNFα polymorphisms. International Journal of Colorectal Disease, 2005, 20, 305-311.	1.0	15
156	Apoptosis in health, disease, and therapy: overview and methodology. , 2005, , 1-48.		4
157	Chlamydophila pneumoniae. Mechanisms of target cell infection and activation. Thrombosis and Haemostasis, 2005, 94, 319-26.	1.8	33
158	Interleukin-12: An Update on its Immunological Activities, Signaling and Regulation of Gene Expression. Current Immunology Reviews, 2005, 1, 119-137.	1.2	112
159	P2X and P2Y purinergic receptors on human intestinal epithelial carcinoma cells: effects of extracellular nucleotides on apoptosis and cell proliferation. American Journal of Physiology - Renal Physiology, 2005, 288, G1024-G1035.	1.6	105
160	Crystal structure of a peptidoglycan recognition protein (PGRP) in complex with a muramyl tripeptide from Gram-positive bacteria. Journal of Endotoxin Research, 2005, 11, 41-46.	2.5	10
161	Predicting survival in hepatitis B. Gut, 2005, 54, 1521-1523.	6.1	19
162	Expression and regulation of cryopyrin and related proteins in rheumatoid arthritis synovium. Annals of the Rheumatic Diseases, 2005, 64, 708-714.	0.5	73
163	Following the TRAIL from hepatitis C virus and alcohol to fatty liver. Gut, 2005, 54, 1518-1520.	6.1	11
164	lschemic preconditioning modulates the expression of several genes, leading to the overproduction of ILâ€1Ra, iNOS, and Bclâ€2 in a human model of liver ischemiaâ€reperfusion. FASEB Journal, 2005, 19, 1617-1626.	0.2	65
165	Early Transcriptional Response of Human Neutrophils to Anaplasma phagocytophilum Infection. Infection and Immunity, 2005, 73, 8089-8099.	1.0	44
166	Streptomycin-Dependent Exhibition of Cytokine-Inducing Activity in Streptomycin-Dependent Mycobacterium tuberculosis Strain 18b. Infection and Immunity, 2005, 73, 7051-7055.	1.0	4

#	Article	IF	CITATIONS
167	Single gene effects in mouse models of host: pathogen interactions. Journal of Leukocyte Biology, 2005, 77, 868-877.	1.5	59
168	BACTERIAL INTERACTIONS WITH CELLS OF THE INTESTINAL MUCOSA: TOLL-LIKE RECEPTORS AND NOD2. Gut, 2005, 54, 1182-1193.	6.1	278
169	RIN13 Is a Positive Regulator of the Plant Disease Resistance Protein RPM1. Plant Cell, 2005, 17, 1016-1028.	3.1	32
170	Innate Immunity in the Lungs. Proceedings of the American Thoracic Society, 2005, 2, 403-411.	3.5	276
171	The CATERPILLER Protein Monarch-1 Is an Antagonist of Toll-like Receptor-, Tumor Necrosis Factor α-, and Mycobacterium tuberculosis-induced Pro-inflammatory Signals. Journal of Biological Chemistry, 2005, 280, 39914-39924.	1.6	191
172	Selective Recognition of Synthetic Lysine and meso-Diaminopimelic Acid-type Peptidoglycan Fragments by Human Peptidoglycan Recognition Proteins Iα and S. Journal of Biological Chemistry, 2005, 280, 37005-37012.	1.6	53
173	Identification of the Ankyrin Repeat Proteins ANKRA and RFXANK as Novel Partners of Class IIa Histone Deacetylases. Journal of Biological Chemistry, 2005, 280, 29117-29127.	1.6	33
174	A Role for Erbin in the Regulation of Nod2-dependent NF-κB Signaling. Journal of Biological Chemistry, 2005, 280, 40301-40309.	1.6	160
175	Dendritic Cell Maturation Induced by Muramyl Dipeptide (MDP) Derivatives: Monoacylated MDP Confers TLR2/TLR4 Activation. Journal of Immunology, 2005, 174, 7096-7103.	0.4	96
176	ASC-mediated NF-κB Activation Leading to Interleukin-8 Production Requires Caspase-8 and Is Inhibited by CLARP. Journal of Biological Chemistry, 2005, 280, 15122-15130.	1.6	56
177	The TLR7 Agonist Imiquimod Enhances the Anti-Melanoma Effects of a RecombinantListeria monocytogenesVaccine. Journal of Immunology, 2005, 175, 1983-1990.	0.4	110
178	CATERPILLER 16.2 (CLR16.2), a Novel NBD/LRR Family Member That Negatively Regulates T Cell Function. Journal of Biological Chemistry, 2005, 280, 18375-18385.	1.6	114
179	Immune Activation of Type I IFNs by <i>Listeria monocytogenes</i> Occurs Independently of TLR4, TLR2, and Receptor Interacting Protein 2 but Involves TANK-Binding Kinase 1. Journal of Immunology, 2005, 174, 1602-1607.	0.4	83
180	PYPAF3, a PYRIN-containing APAF-1-like Protein, Is a Feedback Regulator of Caspase-1-dependent Interleukin-1β Secretion. Journal of Biological Chemistry, 2005, 280, 21720-21725.	1.6	131
181	A Novel Caspase-1/Toll-like Receptor 4-independent Pathway of Cell Death Induced by Cytosolic Shigella in Infected Macrophages. Journal of Biological Chemistry, 2005, 280, 14042-14050.	1.6	51
182	TRIP6 is a RIP2-associated common signaling component of multiple NF-κB activation pathways. Journal of Cell Science, 2005, 118, 555-563.	1.2	51
183	NOD2 regulation of Toll-like receptor responses and the pathogenesis of Crohn's disease. Gut, 2005, 54, 1515-1518.	6.1	58
184	Natural Killer Cells and Helicobacter pylori Infection: Bacterial Antigens and Interleukin-12 Act Synergistically To Induce Gamma Interferon Production. Infection and Immunity, 2005, 73, 1482-1490.	1.0	61

#	Article	IF	CITATIONS
185	Nod1-Mediated Endothelial Cell Activation byChlamydophila pneumoniae. Circulation Research, 2005, 96, 319-326.	2.0	173
186	Mortality from cirrhosis: lack of progress over the last 35 years. Gut, 2005, 54, 1523-1526.	6.1	12
187	MyD88-Dependent Signaling Contributes to Protection following Bacillus anthracis Spore Challenge of Mice: Implications for Toll-Like Receptor Signaling. Infection and Immunity, 2005, 73, 7535-7540.	1.0	49
188	TLRs and NODs mRNA expression pattern in healthy mouse eye. British Journal of Ophthalmology, 2005, 89, 904-910.	2.1	58
189	Induction of Nod1 and Nod2 Intracellular Pattern Recognition Receptors in Murine Osteoblasts following Bacterial Challenge. Infection and Immunity, 2005, 73, 2967-2973.	1.0	61
190	The Pyrin Family of Fever Genes. Archives of Dermatology, 2005, 141, 242-7.	1.7	30
191	Environment as a Critical Factor for the Pathogenesis and Outcome of Gastrointestinal Disease: Experimental and Human Inflammatory Bowel Disease and <i>Helicobacter</i> -Induced Gastritis. Pathobiology, 2005, 72, 293-307.	1.9	28
192	Animal models of rheumatoid arthritis and their relevance to human disease. Pathophysiology, 2005, 12, 167-181.	1.0	208
193	Dendritic Cell Biology. Advances in Immunology, 2005, 88, 193-233.	1.1	65
195	The Nuclear IκB Protein IκBNS Selectively Inhibits Lipopolysaccharide-Induced IL-6 Production in Macrophages of the Colonic Lamina Propria. Journal of Immunology, 2005, 174, 3650-3657.	0.4	172
196	Domain Graph ofArabidopsisProteome by Comparative Analysis. Journal of Proteome Research, 2005, 4, 435-444.	1.8	10
197	Immunity, Inflammation, and Allergy in the Gut. Science, 2005, 307, 1920-1925.	6.0	977
198	RIG-I: an essential regulator of virus-induced interferon production. Journal of Hepatology, 2005, 42, 431-433.	1.8	19
199	Crystal Structure of Human Peptidoglycan Recognition Protein S (PCRP-S) at 1.70Ã Resolution. Journal of Molecular Biology, 2005, 347, 683-691.	2.0	74
200	Immune control of phagosomal bacteria by p47 GTPases. Current Opinion in Microbiology, 2005, 8, 74-82.	2.3	86
201	Innate immune recognition of the extracellular mucosal pathogen, Helicobacter pylori. Molecular Immunology, 2005, 42, 879-885.	1.0	83
202	Bacterial modulation of mucosal innate immunity. Molecular Immunology, 2005, 42, 895-901.	1.0	85
203	Pathogenicity island-dependent effects of on intracellular signal transduction in epithelial cells. International Journal of Medical Microbiology, 2005, 295, 335-341.	1.5	36

#	Article	IF	CITATIONS
204	Interplay of bacterial toxins with host defence: Molecular mechanisms of immunomodulatory signalling. International Journal of Medical Microbiology, 2005, 295, 519-530.	1.5	19
205	NLRs join TLRs as innate sensors of pathogens. Trends in Immunology, 2005, 26, 447-454.	2.9	579
206	Nod1 signaling to extracellular mucosal bacteria in epithelial cells. International Congress Series, 2005, 1285, 68-77.	0.2	2
207	The HIN domain of IFI-200 proteins consists of two OB folds. Biochemical and Biophysical Research Communications, 2005, 327, 679-687.	1.0	71
208	Triggering of TLR3 by polyI:C in human corneal epithelial cells to induce inflammatory cytokines. Biochemical and Biophysical Research Communications, 2005, 331, 285-294.	1.0	138
209	Nucleotide binding to CARD12 and its role in CARD12-mediated caspase-1 activation. Biochemical and Biophysical Research Communications, 2005, 331, 1114-1119.	1.0	34
210	Two Pseudomonas syringae Type III Effectors Inhibit RIN4-Regulated Basal Defense in Arabidopsis. Cell, 2005, 121, 749-759.	13.5	416
211	Mammalian CHORD-containing protein 1 is a novel heat shock protein 90-interacting protein. FEBS Letters, 2005, 579, 421-426.	1.3	36
212	Regulation of Nod1 by Hsp90 chaperone complex. FEBS Letters, 2005, 579, 4513-4519.	1.3	70
213	Naip5/Birc1e and susceptibility to Legionella pneumophila. Trends in Microbiology, 2005, 13, 328-335.	3.5	53
214	Comparative immunomodulatory properties of a chitosan-MDP adjuvant combination following intranasal or intramuscular immunisation. Vaccine, 2005, 23, 1923-1930.	1.7	27
215	Characterization of anti-self CD8 T-cell responses stimulated by recombinant expressing the melanoma antigen TRP-2. Vaccine, 2005, 23, 4263-4272.	1.7	33
216	MACROPHAGE RECEPTORS AND IMMUNE RECOGNITION. Annual Review of Immunology, 2005, 23, 901-944.	9.5	1,137
217	Commensal flora: Wolf in sheep's clothing. Gastroenterology, 2005, 128, 1122-1126.	0.6	18
218	Association of NOD1 polymorphisms with atopic eczema and related phenotypes. Journal of Allergy and Clinical Immunology, 2005, 116, 177-184.	1.5	174
219	The cytosolic pattern-recognition receptor Nod2 and inflammatory granulomatous disorders. Journal of Dermatological Science, 2005, 39, 71-80.	1.0	34
221	NOD-LRR PROTEINS: Role in Host-Microbial Interactions and Inflammatory Disease. Annual Review of Biochemistry, 2005, 74, 355-383.	5.0	871
222	CATERPILLER: A Novel Gene Family Important in Immunity, Cell Death, and Diseases. Annual Review of Immunology, 2005, 23, 387-414.	9.5	321

#	Article	IF	CITATIONS
224	Plant NBS-LRR proteins: adaptable guards. Genome Biology, 2006, 7, 212.	13.9	804
226	Homozygosity for theCARD15frameshift mutation 1007fs is predictive of early onset of Crohn's disease with ileal stenosis, entero-enteral fistulas, and frequent need for surgical intervention with high risk of re-stenosis. Scandinavian Journal of Gastroenterology, 2006, 41, 1421-1432.	0.6	70
227	Lung epithelium as a sentinel and effector system in pneumonia – molecular mechanisms of pathogen recognition and signal transduction. Respiratory Research, 2006, 7, 97.	1.4	128
228	Pattern recognition receptors: an update. Expert Review of Clinical Immunology, 2006, 2, 569-583.	1.3	7
229	Toll-like receptor function and signaling. Journal of Allergy and Clinical Immunology, 2006, 117, 979-987.	1.5	766
230	Human corneal epithelial cells respond to ocular-pathogenic, but not to nonpathogenic-flagellin. Biochemical and Biophysical Research Communications, 2006, 347, 238-247.	1.0	23
231	From willow bark to peptides: the ever widening spectrum of NF-κB inhibitors. Current Opinion in Pharmacology, 2006, 6, 387-392.	1.7	35
232	Three-dimensional Structure of a Double Apoptosome Formed by the Drosophila Apaf-1 Related Killer. Journal of Molecular Biology, 2006, 355, 577-589.	2.0	120
233	Bacterial evasion of the autophagic defense system. Current Opinion in Microbiology, 2006, 9, 62-68.	2.3	52
234	Intracellular replication of Edwardsiella tarda in murine macrophage is dependent on the type III secretion system and induces an up-regulation of anti-apoptotic NF-κB target genes protecting the macrophage from staurosporine-induced apoptosis. Microbial Pathogenesis, 2006, 41, 226-240.	1.3	69
235	Divergence from a Dedicated Cellular Suicide Mechanism: Exploring the Evolution of Cell Death. Molecular Cell, 2006, 23, 1-12.	4.5	67
236	Complement and Toll-like receptors: Key regulators of adaptive immune responses. Molecular Immunology, 2006, 43, 13-21.	1.0	154
237	Therapeutic targeting of pattern-recognition receptors. International Immunopharmacology, 2006, 6, 863-869.	1.7	50
238	Modulating the adjuvanticity of alum by co-administration of muramyl di-peptide (MDP) or Quil-A. Vaccine, 2006, 24, 1081-1086.	1.7	20
239	Microbial molecular patterns and host defense. , 0, , 99-130.		0
241	Dendritic Cells as Arbiters of Peritoneal Immune Responses. Peritoneal Dialysis International, 2006, 26, 8-25.	1.1	12
242	Up-Regulation of NOD1 and NOD2 through TLR4 and TNFALPHA. in LPS-treated Murine Macrophages. Journal of Veterinary Medical Science, 2006, 68, 471-478.	0.3	76
243	Shigella Invasion of Host Cells and Escape from Autophagy. , 2006, , 151-160.		0

#	Article	IF	CITATIONS
244	Dendritic-cell-associated C-type lectin 2 (DCAL-2) alters dendritic-cell maturation and cytokine production. Blood, 2006, 107, 1459-1467.	0.6	98
245	The NOD2 3020insC Mutation in Women with Breast Cancer from the Bydgoszcz Region in Poland. First Results. Hereditary Cancer in Clinical Practice, 2006, 4, 15.	0.6	7
246	Distinct Roles of TLR2 and the Adaptor ASC in IL-1β/IL-18 Secretion in Response to <i>Listeria monocytogenes</i> . Journal of Immunology, 2006, 176, 4337-4342.	0.4	165
247	Overview of Signal Transduction Pathways. Inflammatory Bowel Diseases, 2006, 12, S8-S9.	0.9	0
249	Regulation of MHC class II expression, a unique regulatory system identified by the study of a primary immunodeficiency disease. Tissue Antigens, 2006, 67, 183-197.	1.0	57
250	Intracellular survival of Shigella. Cellular Microbiology, 2006, 8, 177-184.	1.1	83
251	Influence of polymorphisms in the NOD1/CARD4 and NOD2/CARD15 genes on the clinical outcome of Helicobacter pylori infection. Cellular Microbiology, 2006, 8, 1188-1198.	1.1	108
252	CARD15 gene variants in aggressive periodontitis. Journal of Clinical Periodontology, 2006, 33, 779-783.	2.3	9
253	Fundamental mechanisms of host immune responses to infection. Journal of Periodontal Research, 2006, 41, 361-373.	1.4	54
254	The Birc1e cytosolic pattern-recognition receptor contributes to the detection and control of Legionella pneumophila infection. Nature Immunology, 2006, 7, 318-325.	7.0	468
255	The innate signaling of dangers and the dangers of innate signaling. Nature Immunology, 2006, 7, 1237-1242.	7.0	155
256	Signalling pathways and molecular interactions of NOD1 and NOD2. Nature Reviews Immunology, 2006, 6, 9-20.	10.6	730
257	Chemokines: more than just road signs. Nature Reviews Immunology, 2006, 6, 159-164.	10.6	133
258	CATERPILLERs, pyrin and hereditary immunological disorders. Nature Reviews Immunology, 2006, 6, 183-195.	10.6	323
259	The oligopeptide transporter hPepT1: gateway to the innate immune response. Laboratory Investigation, 2006, 86, 538-546.	1.7	64
260	Card9 controls a non-TLR signalling pathway for innate anti-fungal immunity. Nature, 2006, 442, 651-656.	13.7	780
261	Role of SGT1 in resistance protein accumulation in plant immunity. EMBO Journal, 2006, 25, 2007-2016.	3.5	226
262	NF-κB and the immune response. Oncogene, 2006, 25, 6758-6780.	2.6	1,050

#	Article	IF	CITATIONS
263	Transgressive segregation reveals two Arabidopsis TIR-NB-LRR resistance genes effective againstLeptosphaeria maculans, causal agent of blackleg disease. Plant Journal, 2006, 46, 218-230.	2.8	85
264	Innate immunity in plants: a continuum of layered defenses. Microbes and Infection, 2006, 8, 1372-1381.	1.0	50
265	Neurocysticercal antigens stimulate chemokine secretion from human monocytes via an NF-κB-dependent pathway. Microbes and Infection, 2006, 8, 1732-1740.	1.0	13
266	Probiotic Lactobacillus casei activates innate immunity via NF-κB and p38 MAP kinase signaling pathways. Microbes and Infection, 2006, 8, 994-1005.	1.0	103
267	Innate Immune Responses to Environmental Allergens. Clinical Reviews in Allergy and Immunology, 2006, 30, 129-140.	2.9	37
268	Aspects of Genetic Susceptibility to Human Infectious Diseases. Annual Review of Genetics, 2006, 40, 469-486.	3.2	244
269	Genetic disorders are complex in inflammatory bowel disease. Journal of Gastroenterology, 2006, 41, 393-394.	2.3	0
270	Juvenile sarcoidosis presenting as Crohn's Disease. European Journal of Pediatrics, 2006, 165, 398-401.	1.3	21
271	Peptidoglycan recognition proteins Pglyrp3 and Pglyrp4 are encoded from the epidermal differentiation complex and are candidate genes for the Psors4 locus on chromosome 1q21. Human Genetics, 2006, 119, 113-125.	1.8	45
272	Evolutionary relationships of vertebrate NACHT domain-containing proteins. Immunogenetics, 2006, 58, 785-791.	1.2	32
273	Altered host:pathogen interactions conferred by the Blau syndrome mutation of NOD2. Rheumatology International, 2006, 27, 257-262.	1.5	13
274	Innate immune responses: Crosstalk of signaling and regulation of gene transcription. Virology, 2006, 352, 14-21.	1.1	46
275	TNF-857 polymorphism in Israeli Jewish patients with inflammatory bowel disease. International Journal of Immunogenetics, 2006, 33, 81-85.	0.8	14
276	A functional variant in the CARD4 gene and risk of premature coronary heart disease. International Journal of Immunogenetics, 2006, 33, 307-311.	0.8	9
277	PYPAF1 nonsense mutation in a patient with an unusual autoinflammatory syndrome: Role of PYPAF1 in inflammation. Arthritis and Rheumatism, 2006, 54, 508-514.	6.7	28
278	Functional expression of NOD2, a novel pattern recognition receptor for bacterial motifs, in primary murine astrocytes. Clia, 2006, 53, 322-330.	2.5	78
279	Mutation, selection, and evolution of the Crohn disease susceptibility geneCARD15. Human Mutation, 2006, 27, 44-54.	1.1	33
281	Chemokine Production by Buccal Epithelium as a Distinctive Feature of Pediatric Crohn Disease. Journal of Pediatric Gastroenterology and Nutrition, 2006, 42, 142-149.	0.9	20

#	Article	IF	CITATIONS
282	Epithelial Cell Signaling in Helicobacter pylori Infection. Current Signal Transduction Therapy, 2006, 1, 53-65.	0.3	16
283	Nephrocan, a Novel Member of the Small Leucine-rich Repeat Protein Family, Is an Inhibitor of Transforming Growth Factor-β Signaling. Journal of Biological Chemistry, 2006, 281, 36044-36051.	1.6	26
284	Mutations in the testis-specific NALP14 gene in men suffering from spermatogenic failure. Human Reproduction, 2006, 21, 3178-3184.	0.4	54
285	Recent advances in the etiology and treatment of inflammatory bowel disease. Expert Review of Clinical Immunology, 2006, 2, 245-256.	1.3	0
286	Mutations in the NB-ARC Domain of I-2 That Impair ATP Hydrolysis Cause Autoactivation. Plant Physiology, 2006, 140, 1233-1245.	2.3	276
287	Marker-Exchange Mutagenesis and Complementation Strategies for the Gram-Negative Bacteria <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . , 2007, 354, 11-18.		6
288	Elicitor-Mediated Oligomerization of the Tobacco N Disease Resistance Protein. Plant Cell, 2006, 18, 491-501.	3.1	224
289	Peculiarities of PAPA syndrome. Rheumatology, 2006, 45, 1140-1143.	0.9	105
290	<i>Listeria monocytogenes</i> Activated p38 MAPK and Induced IL-8 Secretion in a Nucleotide-Binding Oligomerization Domain 1-Dependent Manner in Endothelial Cells. Journal of Immunology, 2006, 176, 484-490.	0.4	182
291	Dual strategies for peptidoglycan discrimination by peptidoglycan recognition proteins (PGRPs). Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 684-689.	3.3	96
292	Chlamydia trachomatis-associated tubal factor subfertility: immunogenetic aspects and serological screening. Human Reproduction Update, 2006, 12, 719-730.	5.2	77
293	Innate Immunity in the Mucosal Immune System. Current Pharmaceutical Design, 2006, 12, 4203-4213.	0.9	55
294	The Front Line of Enteric Host Defense against Unwelcome Intrusion of Harmful Microorganisms: Mucins, Antimicrobial Peptides, and Microbiota. Clinical Microbiology Reviews, 2006, 19, 315-337.	5.7	441
295	Immunogenetics of Autoimmune Disease. , 2006, , .		0
296	Protective and Destructive Immunity in the Periodontium: Part 1—Innate and Humoral Immunity and the Periodontium. Journal of Dental Research, 2006, 85, 198-208.	2.5	86
297	Fas-associated factor 1 is a negative regulator of PYRIN-containing Apaf-1-like protein 1. International Immunology, 2006, 18, 1701-1706.	1.8	20
298	Internalization and phagosome escape required for Francisella to induce human monocyte IL-1Â processing and release. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 141-146.	3.3	181
299	The interaction of macrophage receptors with bacterial ligands. Expert Reviews in Molecular Medicine, 2006, 8, 1-25.	1.6	101

		CITATION REPORT		
#	Article		IF	CITATIONS
300	A Missed Proteome in Living Organisms: A Hyppo System. Current Proteomics, 2006, 3	3, 129-246.	0.1	5
301	NF-κB-Inducing Kinase Regulates Selected Gene Expression in the Nod2 Signaling Path Immunity, 2006, 74, 2121-2127.	way. Infection and	1.0	48
302	Platelet-Activating Factor Receptor and Innate Immunity: Uptake of Gram-Positive Bact into Host Cells and Cell-Specific Pathophysiology. Journal of Immunology, 2006, 177, 6	terial Cell Wall 5182-6191.	0.4	85
303	A Novel 40-kDa Protein Containing Six Repeats of an Epidermal Growth Factor-Like Do as a Pattern Recognition Protein for Lipopolysaccharide. Journal of Immunology, 2006,	main Functions 177, 1838-1845.	0.4	31
304	Unique characteristics of Xanthomonas oryzae pv. oryzae AvrXa21 and implications fo immunity. Proceedings of the National Academy of Sciences of the United States of Ar 18395-18400.	r plant innate nerica, 2006, 103,	3.3	110
306	The Streptococcal Blr and Slr Proteins Define a Family of Surface Proteins with Leucine Camouflaging by Other Surface Structures. Journal of Bacteriology, 2006, 188, 378-38	-Rich Repeats: 88.	1.0	25
307	Centaurin β1 Down-regulates Nucleotide-binding Oligomerization Domains 1- and 2-d Activation. Journal of Biological Chemistry, 2006, 281, 36060-36070.	ependent NF-Î⁰B	1.6	69
308	Heat Shock Protein 90 Associates with Monarch-1 and Regulates Its Ability to Promote NF-κB-Inducing Kinase. Journal of Immunology, 2007, 179, 6291-6296.	Degradation of	0.4	62
309	The Type I IFN Response to Infection with <i>Mycobacterium tuberculosis</i> Requires Secretion and Contributes to Pathogenesis. Journal of Immunology, 2007, 178, 3143-3	ESX-1-Mediated 3152.	0.4	381
310	Cryopyrin/NALP3 binds ATP/dATP, is an ATPase, and requires ATP binding to mediate in signaling. Proceedings of the National Academy of Sciences of the United States of An 8041-8046.	flammatory 1erica, 2007, 104,	3.3	404
311	A Novel Role of the Interferon-inducible Protein IFI16 as Inducer of Proinflammatory Me Endothelial Cells. Journal of Biological Chemistry, 2007, 282, 33515-33529.	olecules in	1.6	62
312	MDP-induced interleukin-1Â processing requires Nod2 and CIAS1/NALP3. Journal of Leg 2007, 82, 177-183.	ukocyte Biology,	1.5	127
313	TLR2 Mediates Neuroinflammation and Neuronal Damage. Journal of Immunology, 200	)7, 178, 6476-6481.	0.4	129
314	Pyrin Levels in Human Monocytes and Monocyte-Derived Macrophages Regulate IL-1Î <sup>2</sup> Release. Journal of Immunology, 2007, 179, 1274-1281.	Processing and	0.4	125
315	Bacteria-derived Peptidoglycans Constitute Pathogen-associated Molecular Patterns Ti Immunity in Arabidopsis. Journal of Biological Chemistry, 2007, 282, 32338-32348.	riggering Innate	1.6	270
316	Differential Modulation of Nods Signaling Pathways by Fatty Acids in Human Colonic E Cells. Journal of Biological Chemistry, 2007, 282, 11618-11628.	pithelial HCT116	1.6	104
317	Cutting Edge: Monarch-1 Suppresses Non-Canonical NF-ήB Activation and p52-Depend Expression in Monocytes. Journal of Immunology, 2007, 178, 1256-1260.	lent Chemokine	0.4	180
318	Cytolysin-Dependent Escape of the Bacterium from the Phagosome Is Required but No Induction of the Th1 Immune Response against Listeria monocytogenes Infection: Dist Listeriolysin O Determined by Cytolysin Gene Replacement. Infection and Immunity, 20	t Sufficient for inct Role of 007, 75, 3791-3801.	1.0	35

	CITATION N	LEPORT	
# 319	ARTICLE The PYRIN Domain in Signal Transduction. Current Protein and Peptide Science, 2007, 8, 293-310.	IF 0.7	Citations 22
320	Genetics of Sarcoidosis. Seminars in Respiratory and Critical Care Medicine, 2007, 28, 015-021.	0.8	44
321	Innate recognition of bacteria. Expert Review of Clinical Immunology, 2007, 3, 443-445.	1.3	0
322	The NOD2-RICK Complex Signals from the Plasma Membrane. Journal of Biological Chemistry, 2007, 282, 15197-15207.	1.6	101
323	Nucleotide-Binding Oligomerization Domain Protein 2-Deficient Mice Control Infection with <i>Mycobacterium tuberculosis</i> . Infection and Immunity, 2007, 75, 5127-5134.	1.0	94
324	CATERPILLER (NLR) Family Members as Positive and Negative Regulators of Inflammatory Responses. Proceedings of the American Thoracic Society, 2007, 4, 263-266.	3.5	18
325	Cellular Pyrin Domain-Only Protein 2 Is a Candidate Regulator of Inflammasome Activation. Infection and Immunity, 2007, 75, 1484-1492.	1.0	83
326	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
327	Modification of the Structure of Peptidoglycan Is a Strategy To Avoid Detection by Nucleotide-Binding Oligomerization Domain Protein 1. Infection and Immunity, 2007, 75, 706-713.	1.0	41
328	A Novel Role of the Lumican Core Protein in Bacterial Lipopolysaccharide-induced Innate Immune Response. Journal of Biological Chemistry, 2007, 282, 26409-26417.	1.6	111
329	Chapter 15 Childhood Sarcoidosis. Handbook of Systemic Autoimmune Diseases, 2007, , 189-288.	0.1	0
330	Pattern Recognition Receptors: From the Cell Surface to Intracellular Dynamics. Molecular Plant-Microbe Interactions, 2007, 20, 1031-1039.	1.4	102
331	Protection of Human Keratinocytes from UVB-Induced Inflammation Using Root Extract of Lithospermum erythrorhizon. Biological and Pharmaceutical Bulletin, 2007, 30, 928-934.	0.6	67
332	Disease-associated mutations in CIAS1 induce cathepsin B–dependent rapid cell death of human THP-1 monocytic cells. Blood, 2007, 109, 2903-2911.	0.6	97
333	Mechanisms of Adjuvant Action. , 0, , 53-79.		10
334	Molecular and Cellular Basis of Microflora-Host Interactions1,. Journal of Nutrition, 2007, 137, 756S-772S.	1.3	119
335	Downregulation of Immune Signaling Genes in Patients With Large Surface Burn Injury. Journal of Burn Care and Research, 2007, 28, 879-887.	0.2	14
336	Tracing the ancient origins of plant innate immunity. Trends in Plant Science, 2007, 12, 334-342.	4.3	34

ARTICLE IF CITATIONS Adaptations of intestinal macrophages to an antigen-rich environment. Seminars in Immunology, 2007, 2.7 61 19, 84-93. Use of axenic animals in studying the adaptation of mammals to their commensal intestinal 2.7 microbiota. Seminars in Immunology, 2007, 19, 59-69. Neuroinflammatory mechanisms in Parkinson's disease: Potential environmental triggers, pathways, 339 2.0 491 and targets for early therapeutic intervention. Experimental Neurology, 2007, 208, 1-25. Viral Evasion of Autophagy. Cell Host and Microbe, 2007, 1, 9-11. 340 5.1 Rebuilding Host-Pathogen Interaction from the Ground Up: In Vitro Reconstitution of the 5.1 1 Inflammasome. Cell Host and Microbe, 2007, 1, 7-9. Microbial Pathogen-Induced Necrotic Cell Death Mediated by the Inflammasome Components CIAS1/Cryopyrin/NLRP3 and ASC. Cell Host and Microbe, 2007, 2, 147-159. 5.1 RIG-I family RNA helicases: Cytoplasmic sensor for antiviral innate immunity. Cytokine and Growth 343 3.2 126 Factor Reviews, 2007, 18, 545-551. Solution Structure of NOD1 CARD and Mutational Analysis of its Interaction with the CARD of 2.0 Downstream Kinase RICK. Journal of Molecular Biology, 2007, 365, 160-174. 345 Intracellular NOD-like Receptors in Host Defense and Disease. Immunity, 2007, 27, 549-559. 893 6.6 346 Splicing of NOD2 (CARD15) RNA transcripts. Molecular Immunology, 2007, 44, 284-294. 1.0 24 CARD15 variants in patients with sporadic Parkinson's disease. Neuroscience Research, 2007, 57, 473-476. 1.0 67 TLR $\hat{\epsilon}$ -and NOD2 $\hat{\epsilon}$ dependent regulation of human phagocyte $\hat{\epsilon}$ specific chitotriosidase. FEBS Letters, 2007, 1.3 34 581, 5389-5395. Inflammatory bowel disease: cause and immunobiology. Lancet, The, 2007, 369, 1627-1640. 349 6.3 1,656 <i>NOD2</i> gene–associated pediatric granulomatous arthritis: Clinical diversity, novel and recurrent mutations, and evidence of clinical improvement with interleukinâ€1 blockade in a Spanish cohort. Arthritis and Rheumatism, 2007, 56, 3805-3813. 6.7 Invited review: Priming, induction and modulation of plant defence responses by bacterial 2.5138 lipopolysaccharides. Journal of Endotoxin Research, 2007, 13, 69-84. Improving vaccines by incorporating immunological coadjuvants. Expert Review of Vaccines, 2007, 6, 2.0 559-578. <i>Mycobacterium paratuberculosis</i>is recognized by Toll-like receptors and NOD2. Journal of 1.5133 Leukocyte Biology, 2007, 82, 1011-1018. Immune Regulation by Microvascular Endothelial Cells: Directing Innate and Adaptive Immunity,

Coagulation, and Inflammation. Journal of Immunology, 2007, 178, 6017-6022.

CITATION REPORT

0.4

337

338

341

344

347

351

ARTICLE IF CITATIONS # Tollâ€Like Receptors. Current Protocols in Immunology, 2007, 77, Unit 14.12. 183 356 3.6 NOD2 Transgenic Mice Exhibit Enhanced MDP-Mediated Down-Regulation of TLR2 Responses and 0.6 Resistance to Colitis Induction. Gastroenterology, 2007, 133, 1510-1521. 358 A NOD to the Dodgers. Gastroenterology, 2007, 133, 1721-1723. 0.6 0 The effects of NOD2/CARD15 mutations on the function of the intestinal barrier. Journal of Crohn's and Colitis, 2007, 1, 53-60. NOD1 gene E266K polymorphism is associated with disease susceptibility but not with disease phenotype or NOD2/CARD15 in Hungarian patients with Crohn's disease. Digestive and Liver Disease, 360 0.4 34 2007, 39, 1064-1070. The fundamental basis of inflammatory bowel disease. Journal of Clinical Investigation, 2007, 117, 1,136 514-521. Genetics of the innate immune response in inflammatory bowel disease. Inflammatory Bowel Diseases, 363 0.9 71 2007, 13, 338-355. Late-breaking news from the "4th International Meeting on Inflammatory Bowel Diseases―Capri, 2006. 364 Inflammatory Bowel Diseases, 2007, 13, 1031-1050. Critical role for Ipaf in <i>Pseudomonas aeruginosa</i>à€induced caspaseâ€1 activation. European Journal 365 1.6 251 of Immunology, 2007, 37, 3030-3039. Bacterial peptidoglycan breaks down intestinal tolerance via mast cell activation: The role of TLR2 1.0 49 and NOD2. Immunology and Cell Biology, 2007, 85, 538-545. Mammalian NLR proteins; discriminating foe from friend. Immunology and Cell Biology, 2007, 85, 367 1.0 58 495-502. Inflammatory bowel disease: Progress and current concepts of etiopathogenesis. Journal of Digestive 368 130 Diseases, 2007, 8, 171-178. A major role for intestinal epithelial nucleotide oligomerization domain 1 (NOD1) in eliciting host 369 1.1 95 bactericidal immune responses to Campylobacter jejuni. Cellular Microbiology, 2007, 9, 2404-2416. Shigella chromosomal IpaH proteins are secreted via the type III secretion system and act as effectors. 370 1.2 Molecular Microbiology, 2007, 63, 680-93. A sporadic case of early-onset sarcoidosis resembling Blau syndrome due to the recurrent R334W 371 1.4 13 missense mutation on the NOD2 gene. British Journal of Dermatology, 2007, 157, 1257-1259. Collaboration between the innate immune receptors dectinâ€1, TLRs, and Nods. Immunological Reviews, 163 2007, 219, 75-87. 373 Dendritic cell subsets in health and disease. Immunological Reviews, 2007, 219, 118-142. 370 2.8 Innate immunity, macrophage activation, and atherosclerosis. Immunological Reviews, 2007, 219, 374 2.8 187-203.

#	Article	IF	CITATIONS
375	Lipoteichoic acid fromLactobacillus plantarumelicits both the production of Interleukin-23p19 and suppression of pathogen-mediated Interleukin-10 in THP-1 cells. FEMS Immunology and Medical Microbiology, 2007, 49, 205-214.	2.7	29
376	Prevotella bivia can invade human cervix epithelial (HeLa) cells. Apmis, 2007, 115, 241-251.	0.9	22
377	Functional characterization of two novel 5' untranslated exons reveals a complex regulation of NOD2 protein expression. BMC Genomics, 2007, 8, 472.	1.2	28
378	Inflammatory bowel disease: Current insights into pathogenesis and new therapeutic options; probiotics, prebiotics and synbiotics. International Journal of Food Microbiology, 2007, 115, 1-11.	2.1	141
379	Osteoblasts Express NLRP3, a Nucleotide-Binding Domain and Leucine-Rich Repeat Region Containing Receptor Implicated in Bacterially Induced Cell Death. Journal of Bone and Mineral Research, 2008, 23, 30-40.	3.1	72
380	Mouse models of inflammatory bowel diseaseâ~†. Advanced Drug Delivery Reviews, 2007, 59, 1073-1083.	6.6	400
381	Genetic Polymorphisms of NOD1 and IL-8, but not Polymorphisms of TLR4 Genes, Are Associated with Helicobacter pylori-Induced Duodenal Ulcer and Gastritis. Helicobacter, 2007, 12, 124-131.	1.6	67
382	Inflammatory bowel diseases: the paediatric gastroenterologist's perspective. Pediatric Radiology, 2007, 37, 1065-1070.	1.1	15
383	Regulatory molecules involved in inflammasome formation with special reference to a key mediator protein, ASC. Seminars in Immunopathology, 2007, 29, 231-238.	2.8	71
384	A Shope Fibroma virus PYRIN-only protein modulates the host immune response. Virus Genes, 2007, 33, 271-8.	0.7	5
385	A Shope Fibroma virus PYRIN-only protein modulates the host immune response. Virus Genes, 2007, 35, 685-694.	0.7	85
386	CARD15 Genotype-Phenotype Relationships in a Small Inflammatory Bowel Disease Population with Severe Disease Affection Status. Digestive Diseases and Sciences, 2007, 52, 2716-2724.	1.1	12
387	NOD2 allele variants in patients with rheumatoid arthritis. Clinical Rheumatology, 2007, 26, 868-871.	1.0	5
388	Hereditary immunologic disorders caused by pyrin and cryopyrin. Current Allergy and Asthma Reports, 2007, 7, 323-330.	2.4	8
389	The inflammatory and immune response to Helicobacter pylori infection. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2007, 21, 237-259.	1.0	150
390	Monarch-1/PYPAF7 and other CATERPILLER (CLR, NOD, NLR) proteins with negative regulatory functions. Microbes and Infection, 2007, 9, 672-676.	1.0	44
391	Modulation of Rat Intestinal Nuclear Factor NF-κB by Gum Arabic. Digestive Diseases and Sciences, 2008, 53, 80-87.	1.1	30
392	Chemical conjugation of muramyl dipeptide and paclitaxel to explore the combination of immunotherapy and chemotherapy for cancer. Glycoconjugate Journal, 2008, 25, 415-425.	1.4	23

#	Article	IF	CITATIONS
393	NOD-like receptors: Ancient sentinels of the innate immune system. Cellular and Molecular Life Sciences, 2008, 65, 1361-1377.	2.4	57
394	Chemical mutagenesis: a new strategy against the global threat of infectious diseases. Mammalian Genome, 2008, 19, 309-317.	1.0	7
395	New concepts in the immunopathogenesis of chronic hepatitis B: the importance of the innate immune response. Hepatology International, 2008, 2, 12-18.	1.9	23
396	Lymphocyte homing and its role in the pathogenesis of IBD. Inflammatory Bowel Diseases, 2008, 14, 1298-1312.	0.9	58
397	Clinical and molecular characteristics of isolated colonic Crohn's disease. Inflammatory Bowel Diseases, 2008, 14, 1667-1677.	0.9	38
398	Engagement of NOD2 has a dual effect on proILâ€1β mRNA transcription and secretion of bioactive ILâ€1β. European Journal of Immunology, 2008, 38, 184-191.	1.6	69
399	Differential interaction of bacterial species from the Burkholderia cepacia complex with human airway epithelial cells. Microbes and Infection, 2008, 10, 52-59.	1.0	12
400	NLR, the nucleotide-binding domain leucine-rich repeat containing gene family. Current Opinion in Immunology, 2008, 20, 3-9.	2.4	198
401	Elevated production of Legionella-specific immunoglobulin A in A/J mice is accompanied by T-helper 1-type polarization. Immunology Letters, 2008, 121, 123-126.	1.1	2
402	Reengineering dendritic cell-based anti-cancer vaccines. Immunological Reviews, 2008, 222, 256-276.	2.8	55
403	Toll-like receptors and fungal infections: the role of TLR2, TLR4 and MyD88 in paracoccidioidomycosis. FEMS Immunology and Medical Microbiology, 2008, 53, 1-7.	2.7	68
404	NLRX1 is a regulator of mitochondrial antiviral immunity. Nature, 2008, 451, 573-577.	13.7	501
405	The role of human $\hat{l}^2 \hat{a} \in d$ efensin $\hat{a} \in 2$ in bone. Journal of Anatomy, 2008, 213, 749-757.	0.9	41
406	Muramylpeptide shedding modulates cell sensing of Shigella flexneri. Cellular Microbiology, 2008, 10, 682-695.	1.1	67
407	The TLR2-MyD88-NOD2-RIPK2 signalling axis regulates a balanced pro-inflammatory and IL-10-mediated anti-inflammatory cytokine response to Gram-positive cell walls. Cellular Microbiology, 2008, 10, 2067-2077.	1.1	82
408	Angiotensin-converting enzyme limits inflammation elicited by Trypanosoma cruzi cysteine proteases: a peripheral mechanism regulating adaptive immunity via the innate kinin pathway. Biological Chemistry, 2008, 389, 1015-24.	1.2	21
410	Genomic analysis of the immune gene repertoire of amphioxus reveals extraordinary innate complexity and diversity. Genome Research, 2008, 18, 1112-1126.	2.4	359
411	Polymorphisms of cytokine and innate immunity genes and GVHD. Best Practice and Research in Clinical Haematology, 2008, 21, 149-164.	0.7	56

#	Article	IF	CITATIONS
412	Innate microbial sensors and their relevance to allergy. Journal of Allergy and Clinical Immunology, 2008, 122, 846-858.	1.5	17
413	Innate Immunity of Plants, Animals, and Humans. Nucleic Acids and Molecular Biology, 2008, , .	0.2	3
414	Primary Immunodeficiency Diseases. , 2008, , .		23
416	Molecular cloning and functional characterization of porcine nucleotide-binding oligomerization domain-2 (NOD2). Molecular Immunology, 2008, 45, 194-203.	1.0	51
417	Molecular cloning and functional characterization of porcine nucleotide-binding oligomerization domain-1 (NOD1) recognizing minimum agonists, meso-diaminopimelic acid and meso-lanthionine. Molecular Immunology, 2008, 45, 1807-1817.	1.0	42
418	The role of viral nucleic acid recognition in dendritic cells for innate and adaptive antiviral immunity. Immunobiology, 2008, 212, 701-714.	0.8	43
419	Crosstalk of signalling processes of innate immunity with Yersinia Yop effector functions. Immunobiology, 2008, 213, 261-269.	0.8	11
420	The NLR Gene Family: A Standard Nomenclature. Immunity, 2008, 28, 285-287.	6.6	761
421	The role of complement in the success of vaccination with conjugated vs. unconjugated	1.7	22
422	Shared Principles in NF-ήB Signaling. Cell, 2008, 132, 344-362.	13.5	4,027
422 423	Shared Principles in NF-Î <sup>®</sup> B Signaling. Cell, 2008, 132, 344-362. Bacterial Peptidoglycan Triggers Candida albicans Hyphal Growth by Directly Activating the Adenylyl Cyclase Cyr1p. Cell Host and Microbe, 2008, 4, 28-39.	13.5 5.1	4,027 223
422 423 424	Shared Principles in NF-ήB Signaling. Cell, 2008, 132, 344-362.         Bacterial Peptidoglycan Triggers Candida albicans Hyphal Growth by Directly Activating the Adenylyl Cyclase Cyr1p. Cell Host and Microbe, 2008, 4, 28-39.         Recent Advances in Acne Vulgaris Research: Insights and Clinical Implications. Advances in Dermatology, 2008, 24, 197-209.	13.5 5.1 2.0	4,027 223 6
422 423 424 425	Shared Principles in NF-ήB Signaling. Cell, 2008, 132, 344-362.         Bacterial Peptidoglycan Triggers Candida albicans Hyphal Growth by Directly Activating the Adenylyl Cyclase Cyr1p. Cell Host and Microbe, 2008, 4, 28-39.         Recent Advances in Acne Vulgaris Research: Insights and Clinical Implications. Advances in Dermatology, 2008, 24, 197-209.         Monomer/Dimer Transition of the Caspase-Recruitment Domain of Human Nod1 <sup>,</sup> .         Biochemistry, 2008, 47, 1319-1325.	13.5 5.1 2.0 1.2	4,027 223 6 39
422 423 424 425 425	Shared Principles in NF-ήB Signaling. Cell, 2008, 132, 344-362.         Bacterial Peptidoglycan Triggers Candida albicans Hyphal Growth by Directly Activating the Adenylyl Cyclase Cyr1p. Cell Host and Microbe, 2008, 4, 28-39.         Recent Advances in Acne Vulgaris Research: Insights and Clinical Implications. Advances in Dermatology, 2008, 24, 197-209.         Monomer/Dimer Transition of the Caspase-Recruitment Domain of Human Nod1 <sup>,</sup> . Biochemistry, 2008, 47, 1319-1325.         NLR proteins: integral members of innate immunity and mediators of inflammatory diseases. Journal of Leukocyte Biology, 2008, 83, 13-30.	13.5 5.1 2.0 1.2 1.5	4,027 223 6 39 179
422 423 424 425 425 426	Shared Principles in NF-ήB Signaling. Cell, 2008, 132, 344-362.         Bacterial Peptidoglycan Triggers Candida albicans Hyphal Growth by Directly Activating the Adenylyl Cyclase Cyr1p. Cell Host and Microbe, 2008, 4, 28-39.         Recent Advances in Acne Vulgaris Research: Insights and Clinical Implications. Advances in Dermatology, 2008, 24, 197-209.         Monomer/Dimer Transition of the Caspase-Recruitment Domain of Human Nod1 <sup>,</sup> . Biochemistry, 2008, 47, 1319-1325.         NLR proteins: integral members of innate immunity and mediators of inflammatory diseases. Journal of Leukocyte Biology, 2008, 83, 13-30.         Gut microflora: a new target for therapeutic approaches in inflammatory bowel disease. Expert Opinion on Therapeutic Targets, 2008, 12, 301-312.	<ul> <li>13.5</li> <li>5.1</li> <li>2.0</li> <li>1.2</li> <li>1.5</li> </ul>	<ul> <li>4,027</li> <li>223</li> <li>6</li> <li>39</li> <li>179</li> <li>18</li> </ul>
<ul> <li>422</li> <li>423</li> <li>424</li> <li>425</li> <li>426</li> <li>427</li> <li>428</li> </ul>	Shared Principles in NF-ήB Signaling. Cell, 2008, 132, 344-362.         Bacterial Peptidoglycan Triggers Candida albicans Hyphal Growth by Directly Activating the Adenylyl Cyclase Cyr1p. Cell Host and Microbe, 2008, 4, 28-39.         Recent Advances in Acne Vulgaris Research: Insights and Clinical Implications. Advances in Dermatology, 2008, 24, 197-209.         Monomer/Dimer Transition of the Caspase-Recruitment Domain of Human Nod1 <sup>, </sup> . Biochemistry, 2008, 47, 1319-1325.         NLR proteins: integral members of innate immunity and mediators of inflammatory diseases. Journal of Leukocyte Biology, 2008, 83, 13-30.         Gut microflora: a new target for therapeutic approaches in inflammatory bowel disease. Expert Opinion on Therapeutic Targets, 2008, 12, 301-312.         Nucleotide Oligomerization Domains 1 and 2: Regulation of Expression and Function in Preadipocytes. Journal of Immunology, 2008, 181, 3620-3627.	<ol> <li>13.5</li> <li>5.1</li> <li>2.0</li> <li>1.2</li> <li>1.5</li> <li>0.4</li> </ol>	4,027 223 6 39 179 18
<ul> <li>422</li> <li>423</li> <li>424</li> <li>425</li> <li>426</li> <li>427</li> <li>428</li> <li>429</li> </ul>	Shared Principles in NF-IPB Signaling. Cell, 2008, 132, 344-362.         Bacterial Peptidoglycan Triggers Candida albicans Hyphal Growth by Directly Activating the Adenylyl Cyclase Cyr1p. Cell Host and Microbe, 2008, 4, 28-39.         Recent Advances in Acne Vulgaris Research: Insights and Clinical Implications. Advances in Dermatology, 2008, 24, 197-209.         Monomer/Dimer Transition of the Caspase-Recruitment Domain of Human Nod1 < sup >, . Biochemistry, 2008, 47, 1319-1325.         NLR proteins: Integral members of innate immunity and mediators of inflammatory diseases. Journal of Leukocyte Biology, 2008, 83, 13-30.         Gut microflora: a new target for therapeutic approaches in inflammatory bowel disease. Expert Opinion on Therapeutic Targets, 2008, 12, 301-312.         Nucleotide Oligomerization Domains 1 and 2: Regulation of Expression and Function in Preadipocytes. Journal of Immunology, 2008, 181, 3620-3627.         Genetic Resistance of Crops to Diseases. , 2008, , 23-170.	<ol> <li>13.5</li> <li>5.1</li> <li>2.0</li> <li>1.2</li> <li>1.5</li> <li>0.4</li> </ol>	<ul> <li>4,027</li> <li>223</li> <li>6</li> <li>39</li> <li>179</li> <li>18</li> <li>47</li> <li>5</li> </ul>

#	Article	IF	CITATIONS
431	Critical Involvement of Pneumolysin in Production of Interleukin-1α and Caspase-1-Dependent Cytokines in Infection with <i>Streptococcus pneumoniae</i> In Vitro: a Novel Function of Pneumolysin in Caspase-1 Activation. Infection and Immunity, 2008, 76, 1547-1557.	1.0	73
432	Protective cancer immunotherapy: what can the innate immune system contribute?. Expert Opinion on Biological Therapy, 2008, 8, 31-43.	1.4	2
434	PFAPA and Autoinflammatory Diseases. Practica Otologica, 2008, 101, 395-407.	0.0	2
435	Role of Sp1 and HNF1 transcription factors in SGLT1 regulation during chronic intestinal inflammation. American Journal of Physiology - Renal Physiology, 2008, 294, G1354-G1361.	1.6	24
436	Sepsis: Links between Pathogen Sensing and Organ Damage. Current Pharmaceutical Design, 2008, 14, 1840-1852.	0.9	42
437	Toll-like Receptor Responses in Neonatal Dendritic Cells. , 2008, , 106-134.		Ο
438	The Nod-Like Receptor (NLR) Family: A Tale of Similarities and Differences. PLoS ONE, 2008, 3, e2119.	1.1	308
439	Nod2 Mediates Susceptibility to Yersinia pseudotuberculosis in Mice. PLoS ONE, 2008, 3, e2769.	1.1	42
440	Analysis of Crohn's Disease-Related CARD15 Polymorphisms in Spanish Patients with Idiopathic Uveitis. Disease Markers, 2008, 24, 111-117.	0.6	6
441	The N-terminal Domain of Drosophila Gram-negative Binding Protein 3 (GNBP3) Defines a Novel Family of Fungal Pattern Recognition Receptors. Journal of Biological Chemistry, 2009, 284, 28687-28697.	1.6	51
442	Nod1/Nod2-Mediated Recognition Plays a Critical Role in Induction of Adaptive Immunity to Anthrax after Aerosol Exposure. Infection and Immunity, 2009, 77, 4529-4537.	1.0	30
443	Binding and Cellular Activation Studies Reveal That Toll-like Receptor 2 Can Differentially Recognize Peptidoglycan from Gram-positive and Gram-negative Bacteria. Journal of Biological Chemistry, 2009, 284, 8643-8653.	1.6	82
444	NOD2 Ligation Subverts IFN-α Production by Liver Plasmacytoid Dendritic Cells and Inhibits Their T Cell Allostimulatory Activity via B7-H1 Up-Regulation. Journal of Immunology, 2009, 183, 6922-6932.	0.4	75
445	Role of Nod1 in Mucosal Dendritic Cells during Salmonella Pathogenicity Island 1-Independent Salmonella enterica Serovar Typhimurium Infection. Infection and Immunity, 2009, 77, 4480-4486.	1.0	46
446	Teleost B7 Expressed on Monocytes Regulates T Cell Responses. Journal of Immunology, 2009, 182, 6799-6806.	0.4	49
448	The Therapeutic Impact of Manipulating Microbiota in Inflammatory Bowel Disease. Current Pharmaceutical Design, 2009, 15, 2074-2086.	0.9	28
449	Proteolysis of a Negative Regulator of Innate Immunity Is Dependent on Resistance Genes in Tomato and <i>Nicotiana benthamiana</i> and Induced by Multiple Bacterial Effectors Â. Plant Cell, 2009, 21, 2458-2472.	3.1	74
450	Selective Inhibition of Type III Secretion Activated Signaling by the Salmonella Effector AvrA. PLoS Pathogens, 2009, 5, e1000595.	2.1	96

	CITATION I	Report	
#	Article	IF	CITATIONS
451	Atg5-Independent Sequestration of Ubiquitinated Mycobacteria. PLoS Pathogens, 2009, 5, e1000430.	2.1	109
452	The Intestinal Immune Barrier. NeoReviews, 2009, 10, e180-e190.	0.4	15
453	Programmed Cell Death. , 2009, , 455-473.		2
454	Filarial Lymphedema Is Characterized by Antigen-Specific Th1 and Th17 Proinflammatory Responses and a Lack of Regulatory T Cells. PLoS Neglected Tropical Diseases, 2009, 3, e420.	1.3	115
455	Negative Regulation of MAVS-Mediated Innate Immune Response by PSMA7. Journal of Immunology, 2009, 183, 4241-4248.	0.4	85
456	Salmonella Typhimurium Type III Secretion Effectors Stimulate Innate Immune Responses in Cultured Epithelial Cells. PLoS Pathogens, 2009, 5, e1000538.	2.1	177
457	Activation of nucleotide oligomerization domain 2 exacerbates a murine model of proteoglycan-induced arthritis. Journal of Leukocyte Biology, 2009, 85, 711-718.	1.5	18
458	Blimp-1/PRDM1 Mediates Transcriptional Suppression of the NLR Gene <i>NLRP12/Monarch-1</i> . Journal of Immunology, 2009, 182, 2948-2958.	0.4	35
459	NOD2 regulates hematopoietic cell function during graft-versus-host disease. Journal of Experimental Medicine, 2009, 206, 2101-2110.	4.2	105
460	Nonhematopoietic Cells Control the Outcome of Infection with <i>Listeria monocytogenes</i> in a Nucleotide Oligomerization Domain 1-Dependent Manner. Infection and Immunity, 2009, 77, 2908-2918.	1.0	35
461	Role of Nod1 in Mucosal Dendritic Cells during <i>Salmonella</i> Pathogenicity Island 1-Independent <i>Salmonella enterica</i> Serovar Typhimurium Infection. Infection and Immunity, 2009, 77, 5203-5203.	1.0	15
462	Combined TLR2 and TLR4 ligation in the context of bacterial or helminth extracts in human monocyte derived dendritic cells: molecular correlates for Th1/Th2 polarization. BMC Immunology, 2009, 10, 9.	0.9	79
463	Manifestaciones cutáneas en las enfermedades autoinflamatorias sistémicas. Piel, 2009, 24, 139-145.	0.0	1
464	Clinical and genetic aspects of Blau syndrome: A 25-year follow-up of one family and a literature review. Autoimmunity Reviews, 2009, 8, 228-232.	2.5	56
465	Role of the interferon-inducible IFI16 gene in the induction of ICAM-1 by TNF-α. Cellular Immunology, 2009, 257, 55-60.	1.4	15
466	MDP-Induced selective tolerance to TLR4 ligands: Impairment in NOD2 mutant Crohn's disease patients. Inflammatory Bowel Diseases, 2009, 15, 1686-1696.	0.9	16
467	Innate signaling regulates crossâ€priming at the level of DC licensing and not antigen presentation. European Journal of Immunology, 2010, 40, 103-112.	1.6	31
468	A 2.7-kb Deletion in the Human NLRP10 Gene Exon 2 Occurred After the Human–Chimpanzee Divergence. Biochemical Genetics, 2009, 47, 665-670.	0.8	4

#	Article	IF	CITATIONS
469	Intestinal macrophages: differentiation and involvement in intestinal immunopathologies. Seminars in Immunopathology, 2009, 31, 171-184.	2.8	58
470	Advances in the understanding of familial Mediterranean fever and possibilities for targeted therapy. British Journal of Haematology, 2009, 146, 467-478.	1.2	187
471	The inflammasome: a caspase-1-activation platform that regulates immune responses and disease pathogenesis. Nature Immunology, 2009, 10, 241-247.	7.0	1,568
472	A Crohn's disease–associated NOD2 mutation suppresses transcription of human IL10 by inhibiting activity of the nuclear ribonucleoprotein hnRNP-A1. Nature Immunology, 2009, 10, 471-479.	7.0	173
473	Function of Nodâ€like receptors in microbial recognition and host defense. Immunological Reviews, 2009, 227, 106-128.	2.8	727
474	Innate recognition of intracellular pathogens: detection and activation of the first line of defense. Apmis, 2009, 117, 323-337.	0.9	83
475	Immunohistochemical detection of NOD1 and NOD2 in the healthy murine and canine eye. Veterinary Ophthalmology, 2009, 12, 269-275.	0.6	20
476	Relevance of the genetic polymorphism of NOD1 in <i>Chlamydia pneumoniae</i> seropositive stroke patients. European Journal of Neurology, 2009, 16, 1224-1229.	1.7	16
477	Role of Nod2 in the development of Crohn's disease. Microbes and Infection, 2009, 11, 912-918.	1.0	67
478	The Inflammasomes: Guardians of the Body. Annual Review of Immunology, 2009, 27, 229-265.	9.5	2,082
479	Molecular Mechanisms of Bacterial Infection via the Gut. Current Topics in Microbiology and Immunology, 2009, , .	0.7	4
480	The Role of Innate Immunity in Graft-Versus-Host Disease and Complications following Allogeneic Stem Cell Transplant. Biology of Blood and Marrow Transplantation, 2009, 15, 59-61.	2.0	8
481	Toll-like receptors (TLRs) and Nod-like receptors (NLRs) in inflammatory disorders. Seminars in Immunology, 2009, 21, 242-253.	2.7	266
482	Shigella Infection of Intestinal Epithelium and Circumvention of the Host Innate Defense System. Current Topics in Microbiology and Immunology, 2009, 337, 231-255.	0.7	31
483	Immune Response Genes in Uveitis. Ocular Immunology and Inflammation, 2009, 17, 249-256.	1.0	57
485	Intestinal microbiota and its functions. Digestive and Liver Disease Supplements, 2009, 3, 30-34.	0.2	54
486	Gram-positive bacteria enhance HIV-1 susceptibility in Langerhans cells, but not in dendritic cells, via Toll-like receptor activation. Blood, 2009, 113, 5157-5166.	0.6	60
487	Erbin, a Negative Regulator in Diverse Signal Pathways. Current Protein and Peptide Science, 2010, 11, 759-764.	0.7	24

#	Article	IF	CITATIONS
488	Expression of NOD2 in a Rat Model of Acute Pancreatitis. Pancreas, 2010, 39, 1034-1040.	0.5	5
489	Clinical Efficacy of Etanercept for Treatment of PAPA Syndrome. Journal of Clinical Rheumatology, 2010, 16, 244-245.	0.5	56
490	Activation ofÂinnate host defense mechanisms byÂBorrelia. European Cytokine Network, 2010, 21, 7-18.	1.1	49
492	Structure of an Apoptosome-Procaspase-9 CARD Complex. Structure, 2010, 18, 571-583.	1.6	118
493	Comprehensive study of baicalin down-regulating NOD2 receptor expression of neurons with oxygen–glucose deprivation in vitro and cerebral ischemia-reperfusion in vivo. European Journal of Pharmacology, 2010, 649, 92-99.	1.7	43
494	BDCA-2 signaling inhibits TLR-9-agonist-induced plasmacytoid dendritic cell activation and antigen presentation. Cellular Immunology, 2010, 265, 15-22.	1.4	44
495	NOD2-associated diseases: Bridging innate immunity and autoinflammation. Clinical Immunology, 2010, 134, 251-261.	1.4	76
496	câ€Abl tyrosine kinase interacts with MAVS and regulates innate immune response. FEBS Letters, 2010, 584, 33-38.	1.3	32
497	Association of the NOD2 genotype with bacterial translocation via altered cell–cell contacts in Crohn's disease patients. Inflammatory Bowel Diseases, 2010, 16, 1311-1321.	0.9	38
498	Functional consequences of a germline mutation in the leucineâ€rich repeat domain of NLRP3 identified in an atypical autoinflammatory disorder. Arthritis and Rheumatism, 2010, 62, 1176-1185.	6.7	27
499	Synthesis of biologically active biotinylated muramyl dipeptides. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6061-6063.	1.0	24
500	Intragenic allele pyramiding combines different specificities of wheat Pm3 resistance alleles. Plant Journal, 2010, 64, 433-445.	2.8	76
501	Receptor-interacting protein (RIP) kinase family. Cellular and Molecular Immunology, 2010, 7, 243-249.	4.8	162
502	Functional characterization of the NF-κB binding site in the human NOD2 promoter. Cellular and Molecular Immunology, 2010, 7, 288-295.	4.8	23
503	New perspectives on the biology of acute GVHD. Bone Marrow Transplantation, 2010, 45, 1-11.	1.3	158
504	Modulation of pattern recognition receptor-mediated inflammation and risk of chronic diseases by dietary fatty acids. Nutrition Reviews, 2010, 68, 38-61.	2.6	144
505	Peroxisome proliferatorâ€activated receptor γ 2 mutation may cause a subset of ulcerative colitis. Pediatrics International, 2010, 52, 729-734.	0.2	26
506	Recognition of <i>Borrelia burgdorferi</i> by NOD2 Is Central for the Induction of an Inflammatory Reaction. Journal of Infectious Diseases, 2010, 201, 1849-1858.	1.9	64

#	Article	IF	CITATIONS
507	Identification of Drosophila Yin and PEPT2 as Evolutionarily Conserved Phagosome-associated Muramyl Dipeptide Transporters. Journal of Biological Chemistry, 2010, 285, 20147-20154.	1.6	35
508	The Nucleotide-Binding Oligomerization Domain-Like Receptor NLRC5 Is Involved in IFN-Dependent Antiviral Immune Responses. Journal of Immunology, 2010, 184, 1990-2000.	0.4	167
509	Anti-Inflammatory Activity of PYNOD and Its Mechanism in Humans and Mice. Journal of Immunology, 2010, 184, 5874-5884.	0.4	80
510	Cooperation between Multiple Microbial Pattern Recognition Systems Is Important for Host Protection against the Intracellular Pathogen <i>Legionella pneumophila</i> . Infection and Immunity, 2010, 78, 2477-2487.	1.0	53
511	Nucleotide Oligomerization Binding Domain-Like Receptor Signaling Enhances Dendritic Cell-Mediated Cross-Priming In Vivo. Journal of Immunology, 2010, 184, 736-745.	0.4	37
512	Caspase Recruitment Domain-containing Protein 8 (CARD8) Negatively Regulates NOD2-mediated Signaling. Journal of Biological Chemistry, 2010, 285, 19921-19926.	1.6	37
513	The Battle between Virus and Host: Modulation of Toll-Like Receptor Signaling Pathways by Virus Infection. Mediators of Inflammation, 2010, 2010, 1-12.	1.4	46
514	<i>Klebsiella pneumoniae</i> Capsule Polysaccharide Impedes the Expression of β-Defensins by Airway Epithelial Cells. Infection and Immunity, 2010, 78, 1135-1146.	1.0	97
515	The <i>Staphylococcus aureus</i> Lipoprotein SitC Colocalizes with Toll-Like Receptor 2 (TLR2) in Murine Keratinocytes and Elicits Intracellular TLR2 Accumulation. Infection and Immunity, 2010, 78, 4243-4250.	1.0	39
516	Orientia tsutsugamushi induced endothelial cell activation via the NOD1-IL-32 pathway. Microbial Pathogenesis, 2010, 49, 95-104.	1.3	40
517	Host pathways for recognition: Establishing gastrointestinal microbiota as relevant in animal health and nutrition. Livestock Science, 2010, 133, 82-91.	0.6	36
518	In vivo growth inhibition of head and neck squamous cell carcinoma by the Interferon-inducible gene IFI16. Cancer Letters, 2010, 287, 33-43.	3.2	19
519	Muramyl Dipeptide Synergizes with <i>Staphylococcus aureus</i> Lipoteichoic Acid To Recruit Neutrophils in the Mammary Gland and To Stimulate Mammary Epithelial Cells. Vaccine Journal, 2010, 17, 1797-1809.	3.2	53
520	Genomics in the Evaluation and Management of Sepsis. , 2010, , 760-773.		0
521	<i>Nod2</i> regulates the host response towards microflora by modulating T cell function and epithelial permeability in mouse Peyer's patches. Gut, 2010, 59, 207-217.	6.1	93
522	Identification of Inhibitors of NOD1-Induced Nuclear Factor-κB Activation. ACS Medicinal Chemistry Letters, 2011, 2, 780-785.	1.3	52
523	Innate Immunity and Leishmania Vaccination Strategies. Dermatologic Clinics, 2011, 29, 89-102.	1.0	25
524	Hereditary systemic autoinflammatory diseases. ReumatologÃa ClÃnica (English Edition), 2011, 7, 45-50.	0.2	2

#	Article	IF	CITATIONS
526	Characterization and immune function of two intracellular sensors, HmTLR1 and HmNLR, in the injured CNS of an invertebrate. Developmental and Comparative Immunology, 2011, 35, 214-226.	1.0	26
527	Cloning of two rainbow trout nucleotide-binding oligomerization domain containing 2 (NOD2) splice variants and functional characterization of the NOD2 effector domains. Fish and Shellfish Immunology, 2011, 30, 118-127.	1.6	73
528	Polypeptide Modulators of Caspase Recruitment Domain (CARD)-CARD-mediated Protein-Protein Interactions. Journal of Biological Chemistry, 2011, 286, 44457-44466.	1.6	15
529	Cytosolic DNA sensors regulating type I interferon induction. Trends in Immunology, 2011, 32, 574-581.	2.9	182
530	The NLRP12 Pyrin Domain: Structure, Dynamics, and Functional Insights. Journal of Molecular Biology, 2011, 413, 790-803.	2.0	57
532	HDAC Inhibition and Graft Versus Host Disease. Molecular Medicine, 2011, 17, 404-416.	1.9	71
533	The Innate Immune System. , 2011, , 1267-1273.		0
534	High fat diet-induced obesity leads to proinflammatory response associated with higher expression of NOD2 protein. Nutrition Research and Practice, 2011, 5, 219.	0.7	26
535	Mycobacterium Tuberculosis Infection and Inflammation: what is Beneficial for the Host and for the Bacterium?. Frontiers in Microbiology, 2011, 2, 2.	1.5	187
536	Role of Inflammasomes in Salmonella Infection. Frontiers in Microbiology, 2011, 2, 8.	1.5	23
538	Regulation of dectin-1–mediated dendritic cell activation by peroxisome proliferator–activated receptor-gamma ligand troglitazone. Blood, 2011, 117, 3569-3574.	0.6	30
539	Klebsiella pneumoniae subverts the activation of inflammatory responses in a NOD1-dependent manner. Cellular Microbiology, 2011, 13, 135-153.	1.1	61
540	NOD2 controls the nature of the inflammatory response and subsequent fate of Mycobacterium tuberculosis and M. bovis BCG in human macrophages. Cellular Microbiology, 2011, 13, 402-418.	1.1	118
541	What can we learn about biofilm/host interactions from the study of inflammatory bowel disease. Journal of Clinical Periodontology, 2011, 38, 36-43.	2.3	33
542	Structure of the Drosophila Apoptosome at 6.9ÂÃ Resolution. Structure, 2011, 19, 128-140.	1.6	73
543	Crystal Structure of Full-Length Apaf-1: How the Death Signal Is Relayed in the Mitochondrial Pathway of Apoptosis. Structure, 2011, 19, 1074-1083.	1.6	97
544	The Holo-Apoptosome: Activation of Procaspase-9 and Interactions with Caspase-3. Structure, 2011, 19, 1084-1096.	1.6	83
545	Lactobacillus plantarum lipoteichoic acid down-regulated Shigella flexneri peptidoglycan-induced inflammation. Molecular Immunology, 2011, 48, 382-391.	1.0	75

#	Article	IF	CITATIONS
546	The complex interplay of NOD-like receptors and the autophagy machinery in the pathophysiology of Crohn disease. European Journal of Cell Biology, 2011, 90, 593-602.	1.6	32
547	Expression of TRAF6 and pro-inflammatory cytokines through activation of TLR2, TLR4, NOD1, and NOD2 in human periodontal ligament fibroblasts. Archives of Oral Biology, 2011, 56, 1064-1072.	0.8	73
548	Small molecule tyrosine kinase inhibitors for the treatment of intestinal inflammation. Inflammatory Bowel Diseases, 2011, 17, 2416-2426.	0.9	15
549	Macrophage and dendritic cell phenotypic diversity in the context of biomaterials. Journal of Biomedical Materials Research - Part A, 2011, 96A, 239-260.	2.1	161
550	New muramyl dipeptide (MDP) mimics without the carbohydrate moiety as potential adjuvant candidates for a therapeutic hepatitis B vaccine (HBV). Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4292-4295.	1.0	13
551	Regulation of inflammatory and antiviral signaling by A20. Microbes and Infection, 2011, 13, 209-215.	1.0	31
552	Muramyl Dipeptide and its Derivatives: Peptide Adjuvant in Immunological Disorders and Cancer Therapy. Current Bioactive Compounds, 2011, 7, 180-197.	0.2	82
553	Lectin Microarray Reveals Binding Profiles of Lactobacillus casei Strains in a Comprehensive Analysis of Bacterial Cell Wall Polysaccharides. Applied and Environmental Microbiology, 2011, 77, 4539-4546.	1.4	43
554	Role of the vascular and lymphatic endothelium in the pathogenesis of inflammatory bowel disease: 'brothers in arms'. Gut, 2011, 60, 998-1008.	6.1	55
555	l-Ala-Î <sup>3</sup> -d-Glu-meso-diaminopimelic Acid (DAP) Interacts Directly with Leucine-rich Region Domain of Nucleotide-binding Oligomerization Domain 1, Increasing Phosphorylation Activity of Receptor-interacting Serine/Threonine-protein Kinase 2 and Its Interaction with Nucleotide-binding Oligomerization Domain 1, Iournal of Biological Chemistry, 2011, 286, 31003-31013.	1.6	77
556	The Evolution and Regulation of the Mucosal Immune Complexity in the Basal Chordate Amphioxus. Journal of Immunology, 2011, 186, 2042-2055.	0.4	55
557	Klebsiella pneumoniae Outer Membrane Protein A Is Required to Prevent the Activation of Airway Epithelial Cells. Journal of Biological Chemistry, 2011, 286, 9956-9967.	1.6	67
558	Caspase-2: the orphan caspase. Cell Death and Differentiation, 2012, 19, 51-57.	5.0	104
559	Novel role of NF-κB-p65 in antioxidant homeostasis in human kidney-2 cells. American Journal of Physiology - Renal Physiology, 2012, 302, F1440-F1446.	1.3	21
560	Comparative Study of the Effect of Baicalin and Its Natural Analogs on Neurons with Oxygen and Glucose Deprivation Involving Innate Immune Reaction of TLR2/TNFI±. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-9.	3.0	33
561	How complex are intracellular immune receptor signaling complexes?. Frontiers in Plant Science, 2012, 3, 237.	1.7	58
562	Association of NOD1 and NOD2 genes polymorphisms with <i>Helicobacter pylori</i> related gastric cancer in a Chinese population. World Journal of Gastroenterology, 2012, 18, 2112.	1.4	39
563	Mutated Major Histocompatibility Complex Class II Transactivator Up-regulates Interleukin-33-dependent Differentiation of Th2 Subset through Nod2 Binding for NLR (NOD-like) Tj ETQq1 1 0.7	784 <b>Bå</b> 4 rgl	BT <b>#</b> Overlock

#	ARTICLE Double-Stranded RNA Induces Biphasic STAT1 Phosphorylation by both Type I Interferon (IFN)-Dependent	IF 1.5	Citations
565	and Type I IFN-Independent Pathways. Journal of Virology, 2012, 86, 12760-12769. Enhanced TLR-induced NF-κB signaling and type I interferon responses in NLRC5 deficient mice. Cell Research, 2012, 22, 822-835.	5.7	110
566	The Developing Intestine as an Immune Organ. , 2012, , 67-89.		0
567	Absent in Melanoma 2 (AIM2) is an important mediator of interferon-dependent and -independent HLA-DRA and HLA-DRB gene expression in colorectal cancers. Oncogene, 2012, 31, 1242-1253.	2.6	47
568	CIITA promoter I CARD-deficient mice express functional MHC class II genes in myeloid and lymphoid compartments. Genes and Immunity, 2012, 13, 299-310.	2.2	11
569	The gut microbiome: scourge, sentinel or spectator?. Journal of Oral Microbiology, 2012, 4, 9367.	1.2	48
570	<i>NOD2</i> Polymorphisms and Their Impact on Haematopoietic Stem Cell Transplant Outcome. Bone Marrow Research, 2012, 2012, 1-13.	1.7	11
571	Oral Inflammatory Diseases and Systemic Inflammation: Role of the Macrophage. Frontiers in Immunology, 2012, 3, 118.	2.2	143
572	Importance of NOD2/CARD15 gene variants for susceptibility to and outcome of sepsis in Turkish children*. Pediatric Critical Care Medicine, 2012, 13, e73-e77.	0.2	15
573	αvβ3-integrin is a major sensor and activator of innate immunity to herpes simplex virus-1. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19792-19797.	3.3	54
574	NOD2 Signaling and Role in Pathogenic <b><i>Mycobacterium</i></b> Recognition, Infection and Immunity. Cellular Physiology and Biochemistry, 2012, 30, 953-963.	1.1	12
575	Role of Nuclear Factor- $\hat{I}^{ m g}$ B Pathway in Gastrointestinal Inflammation and Cancer. , 2012, , 239-257.		0
576	Innate Immune Gene Polymorphisms in Tuberculosis. Infection and Immunity, 2012, 80, 3343-3359.	1.0	258
577	Peptidoglycan recognition protein 3 (PglyRP3) has an anti-inflammatory role in intestinal epithelial cells. Immunobiology, 2012, 217, 412-419.	0.8	20
578	Structure and Functional Characterization of the RNA-Binding Element of the NLRX1 Innate Immune Modulator. Immunity, 2012, 36, 337-347.	6.6	76
579	GVHD Prevention: An Ounce Is Better Than a Pound. Biology of Blood and Marrow Transplantation, 2012, 18, S17-S26.	2.0	10
580	Salmonella Typhimurium general virulence factors: A battle of David against Goliath?. Food Research International, 2012, 45, 842-851.	2.9	24
581	A novel single nucleotide polymorphism within the NOD2 gene is associated with pulmonary tuberculosis in the Chinese Han, Uygur and Kazak populations. BMC Infectious Diseases, 2012, 12, 91.	1.3	26

	CITATION	I REPORT	
#	Article	IF	CITATIONS
583	Interleukin-32: A predominantly intracellular proinflammatory mediator that controls cell activation and cell death. Cytokine, 2012, 60, 321-327.	1.4	59
584	NLRP10 is a NOD-like receptor essential to initiate adaptive immunity by dendritic cells. Nature, 2012, 484, 510-513.	13.7	126
585	NLRP3 Is Expressed in Human Dental Pulp Cells and Tissues. Journal of Endodontics, 2012, 38, 1592-1597.	1.4	43
586	Pathogenesis of Inflammatory Bowel Diseases. , 2012, , .		2
587	Mutagenesis in Plant Breeding for Disease and Pest Resistance. , 0, , .		6
588	Interactions Between the Microbiota and the Immune System. Science, 2012, 336, 1268-1273.	6.0	3,422
589	Effects of polymorphisms in nucleotide-binding oligomerization domains 1 and 2 on biomarkers of the metabolic syndrome and type II diabetes. Genes and Nutrition, 2012, 7, 427-435.	1.2	18
590	Wholeâ€genome expression analysis reveals a role for deathâ€related genes in stress acclimation of the diatom <i>Thalassiosira pseudonana</i> . Environmental Microbiology, 2012, 14, 67-81.	1.8	80
591	Immunology in clinic review series; focus on autoinflammatory diseases: inflammasomes: mechanisms of activation. Clinical and Experimental Immunology, 2012, 167, 369-381.	1,1	47
592	Peptidoglycan and lipopolysaccharide synergistically enhance bone resorption and osteoclastogenesis. Journal of Periodontal Research, 2012, 47, 446-454.	1.4	47
593	Receptor interacting protein-2 contributes to host defense against <i>Anaplasma phagocytophilum</i> infection. FEMS Immunology and Medical Microbiology, 2012, 66, 211-219.	2.7	24
594	Regulation of NFâ€̂₽B by the CARD proteins. Immunological Reviews, 2012, 246, 141-153.	2.8	74
595	Nod2: a key regulator linking microbiota to intestinal mucosal immunity. Journal of Molecular Medicine, 2012, 90, 15-24.	1.7	57
596	P268S in NOD2 associates with susceptibility to Parkinson's disease in Chinese population. Behavioral and Brain Functions, 2013, 9, 19.	1.4	28
597	Kupffer Cells in the Liver. , 2013, 3, 785-797.		466
598	Age-of-onset-dependent influence of NOD2 gene variants on disease behaviour and treatment in Crohn's disease. BMC Gastroenterology, 2013, 13, 77.	0.8	9
599	Genome-wide association mapping for five major pest resistances in wheat. Molecular Breeding, 2013, 32, 943-960.	1.0	73
600	Activation of Nucleotide-Binding Oligomerization Domain 1 (NOD1) Receptor Signaling in Labeo rohita by iE-DAP and Identification of Ligand-Binding Key Motifs in NOD1 by Molecular Modeling and Docking. Applied Biochemistry and Biotechnology, 2013, 170, 1282-1309.	1.4	21

#	Article	IF	CITATIONS
601	NOD2 deletion promotes cardiac hypertrophy and fibrosis induced by pressure overload. Laboratory Investigation, 2013, 93, 1128-1136.	1.7	29
602	Identification of MDP (muramyl dipeptide)-binding key domains in NOD2 (nucleotide-binding and) Tj ETQq1 1 0. 1007-1023.	784314 rg 0.9	gBT /Overlock 20
604	TLR8 and NOD signaling synergistically induce the production of IL-1β and IL-23 in monocyte-derived DCs and enhance the expression of the feedback inhibitor SOCS2. Immunobiology, 2013, 218, 533-542.	0.8	41
605	Synthesis of conformationally constrained γ-d-glutamyl-meso-diaminopimelic acid derivatives as ligands of nucleotide-binding oligomerization domain protein 1 (Nod1). European Journal of Medicinal Chemistry, 2013, 69, 232-243.	2.6	27
606	Molecular Genetics of Inflammatory Bowel Disease. , 2013, , .		0
607	Convergence of innate immunity and insulin resistance as evidenced by increased nucleotide oligomerization domain (NOD) expression and signaling in monocytes from patients with type 2 diabetes. Cytokine, 2013, 64, 564-570.	1.4	27
608	NOD1 and NOD2 Regulate Proinflammatory and Prolabor Mediators in Human Fetal Membranes and Myometrium via Nuclear Factor-Kappa B1. Biology of Reproduction, 2013, 89, 14.	1.2	78
609	Tissue-resident macrophages. Nature Immunology, 2013, 14, 986-995.	7.0	1,621
610	Pathogen Recognition in the Human Female Reproductive Tract: Expression of Intracellular Cytosolic Sensors <scp>NOD</scp> 1, <scp>NOD</scp> 2, <scp>RIG</scp> â€1, and <scp>MDA</scp> 5 and response to <scp>HIV</scp> â€1 and <i><scp>N</scp>eisseria gonorrhea</i> American Journal of Reproductive Immunology, 2013, 69, 41-51.	1.2	40
611	Structure and function of the SPRY/B30.2 domain proteins involved in innate immunity. Protein Science, 2013, 22, 1-10.	3.1	109
612	RÃ1e des récepteurs de type NOD dans les maladies allergiques. Revue Francaise D'allergologie, 2013, 53, 411-418.	0.1	0
613	The Inflammatory Response to Ischemic Acute Renal Injury. , 2013, , 2985-3006.		1
614	Plant innate immunity: An updated insight into defense mechanism. Journal of Biosciences, 2013, 38, 433-449.	0.5	215
615	Apoptosome Structure, Assembly, and Procaspase Activation. Structure, 2013, 21, 501-515.	1.6	227
616	<i>Shigella flexneri</i> T3SS effector IpaH4.5 modulates the host inflammatory response via interaction with NF-κB p65 protein. Cellular Microbiology, 2013, 15, 474-485.	1.1	62
617	Functional and Molecular Expression of the Proton-Coupled Oligopeptide Transporters in Spleen and Macrophages from Mouse and Human. Molecular Pharmaceutics, 2013, 10, 1409-1416.	2.3	38
618	Linkage of bacterial colonization of skin and the urticaria-like rash of NLRP3-mediated autoinflammatory syndromes through mast cell-derived TNF-α. Journal of Dermatological Science, 2013, 71, 83-88.	1.0	14
619	Correlations between Psoriasis and Inflammatory Bowel Diseases. BioMed Research International, 2013, 2013, 1-8.	0.9	76

#	Article	IF	CITATIONS
620	Repression of Inflammasome by Francisella tularensis during Early Stages of Infection. Journal of Biological Chemistry, 2013, 288, 23844-23857.	1.6	53
621	IRAK4 turns ILâ€10 <sup>+</sup> phosphoâ€FOXO <sup>+</sup> monocytes into proâ€inflammatory cells by suppression of protein kinase B. European Journal of Immunology, 2013, 43, 1630-1642.	1.6	20
622	Dysregulated NOD2 predisposes SAMP1/YitFc mice to chronic intestinal inflammation. Proceedings of the United States of America, 2013, 110, 16999-17004.	3.3	28
623	The Role of Nod1 Signaling in Corneal Neovascularization. Cornea, 2013, 32, 674-679.	0.9	9
624	GW24-e3668â€TXNIP mediates NLRP3 inflammasome activation in cardiac microvascular endothelial cells as a novel mechanism in myocardial ischaemia/reperfusion injury. Heart, 2013, 99, A64.2-A65.	1.2	0
625	Synthesis and physicochemical characterization of novel phenotypic probes targeting the nuclear factor-kappa B signaling pathway. Beilstein Journal of Organic Chemistry, 2013, 9, 900-907.	1.3	6
627	Apoptosis-associated uncoupling of bone formation and resorption in osteomyelitis. Frontiers in Cellular and Infection Microbiology, 2013, 3, 101.	1.8	47
628	Quiescent Hepatic Stellate Cells Functionally Contribute to the Hepatic Innate Immune Response via TLR3. PLoS ONE, 2014, 9, e83391.	1.1	26
630	Functional defects in NOD2 signaling in experimental and human Crohn disease. Gut Microbes, 2014, 5, 340-344.	4.3	19
631	Cell Adhesion Molecules. Advances in Neurobiology, 2014, , .	1.3	6
631 632	Cell Adhesion Molecules. Advances in Neurobiology, 2014, , . NOD1 expression is increased in the adipose tissue of women with gestational diabetes. Journal of Endocrinology, 2014, 222, 99-112.	1.3 1.2	6 34
631 632 633	Cell Adhesion Molecules. Advances in Neurobiology, 2014, , .         NOD1 expression is increased in the adipose tissue of women with gestational diabetes. Journal of Endocrinology, 2014, 222, 99-112.         Inflammasome activation in response to dead cells and their metabolites. Current Opinion in Immunology, 2014, 30, 91-98.	1.3 1.2 2.4	6 34 50
<ul><li>631</li><li>632</li><li>633</li><li>634</li></ul>	Cell Adhesion Molecules. Advances in Neurobiology, 2014, , .         NOD1 expression is increased in the adipose tissue of women with gestational diabetes. Journal of Endocrinology, 2014, 222, 99-112.         Inflammasome activation in response to dead cells and their metabolites. Current Opinion in Immunology, 2014, 30, 91-98.         Neural Cell Adhesion Molecules Belonging to the Family of Leucine-Rich Repeat Proteins. Advances in Neurobiology, 2014, 8, 315-395.	1.3 1.2 2.4 1.3	6 34 50 13
<ul> <li>631</li> <li>632</li> <li>633</li> <li>634</li> <li>635</li> </ul>	Cell Adhesion Molecules. Advances in Neurobiology, 2014, , .         NOD1 expression is increased in the adipose tissue of women with gestational diabetes. Journal of Endocrinology, 2014, 222, 99-112.         Inflammasome activation in response to dead cells and their metabolites. Current Opinion in Immunology, 2014, 30, 91-98.         Neural Cell Adhesion Molecules Belonging to the Family of Leucine-Rich Repeat Proteins. Advances in Neurobiology, 2014, 8, 315-395.         Structural aspects of molecular recognition in the immune system. Part II: Pattern recognition receptors (IUPAC Technical Report). Pure and Applied Chemistry, 2014, 86, 1483-1538.	1.3 1.2 2.4 1.3 0.9	6 34 50 13
<ul> <li>631</li> <li>632</li> <li>633</li> <li>634</li> <li>635</li> <li>636</li> </ul>	Cell Adhesion Molecules. Advances in Neurobiology, 2014, , .         NOD1 expression is increased in the adipose tissue of women with gestational diabetes. Journal of Endocrinology, 2014, 222, 99-112.         Inflammasome activation in response to dead cells and their metabolites. Current Opinion in Immunology, 2014, 30, 91-98.         Neural Cell Adhesion Molecules Belonging to the Family of Leucine-Rich Repeat Proteins. Advances in Neurobiology, 2014, 8, 315-395.         Structural aspects of molecular recognition in the immune system. Part II: Pattern recognition receptors (IUPAC Technical Report). Pure and Applied Chemistry, 2014, 86, 1483-1538.         The Dual Role of Nod-Like Receptors in Mucosal Innate Immunity and Chronic Intestinal Inflammation. Frontiers in Immunology, 2014, 5, 317.	1.3 1.2 2.4 1.3 0.9 2.2	<ul> <li>6</li> <li>34</li> <li>50</li> <li>13</li> <li>6</li> <li>57</li> </ul>
<ul> <li>631</li> <li>632</li> <li>633</li> <li>634</li> <li>635</li> <li>636</li> <li>637</li> </ul>	Cell Adhesion Molecules. Advances in Neurobiology, 2014, , .         NOD1 expression is increased in the adipose tissue of women with gestational diabetes. Journal of Endocrinology, 2014, 222, 99-112.         Inflammasome activation in response to dead cells and their metabolites. Current Opinion in Immunology, 2014, 30, 91-98.         Neural Cell Adhesion Molecules Belonging to the Family of Leucine-Rich Repeat Proteins. Advances in Neurobiology, 2014, 8, 315-395.         Structural aspects of molecular recognition in the immune system. Part II: Pattern recognition receptors (IUPAC Technical Report). Pure and Applied Chemistry, 2014, 86, 1483-1538.         The Dual Role of Nod-Like Receptors in Mucosal Innate Immunity and Chronic Intestinal Inflammation. Frontiers in Immunology, 2014, 5, 317.         Inflammatory responses in the Japanese pufferfish (Takifugu rubripes) head kidney cells stimulated with an inflammasome-inducing agent, nigericin. Developmental and Comparative Immunology, 2014, 46, 222-230.	1.3 1.2 2.4 1.3 0.9 2.2 1.0	<ul> <li>6</li> <li>34</li> <li>50</li> <li>13</li> <li>6</li> <li>57</li> <li>29</li> </ul>
<ul> <li>631</li> <li>632</li> <li>633</li> <li>634</li> <li>635</li> <li>636</li> <li>637</li> <li>638</li> </ul>	Cell Adhesion Molecules. Advances in Neurobiology, 2014, , .         NOD1 expression is increased in the adipose tissue of women with gestational diabetes. Journal of Endocrinology, 2014, 222, 99-112.         Inflammasome activation in response to dead cells and their metabolites. Current Opinion in Immunology, 2014, 30, 91-98.         Neural Cell Adhesion Molecules Belonging to the Family of Leucine-Rich Repeat Proteins. Advances in Neurobiology, 2014, 8, 315-395.         Structural aspects of molecular recognition in the immune system. Part II: Pattern recognition receptors (IUPAC Technical Report). Pure and Applied Chemistry, 2014, 86, 1483-1538.         The Dual Role of Nod-Like Receptors in Mucosal Innate Immunity and Chronic Intestinal Inflammation. Frontiers in Immunology, 2014, 5, 317.         Inflammatory responses in the Japanese pufferfish (Takifugu rubripes) head kidney cells stimulated with an inflammasome-inducing agent, nigericin. Developmental and Comparative Immunology, 2014, 46, 222-230.         Structural insights into the MDP binding and CARD-CARD interaction in zebrafish ( <i>Danio rerio</i> ) NOD2: a molecular dynamics approach. Journal of Molecular Recognition, 2014, 27, 260-275.	1.3 1.2 2.4 1.3 0.9 2.2 1.0 1.1	<ul> <li>6</li> <li>34</li> <li>50</li> <li>13</li> <li>6</li> <li>57</li> <li>29</li> <li>38</li> </ul>

#	Article	IF	CITATIONS
640	When less becomes more: Optimization of protein expression in HEK293–EBNA1 cells using plasmid titration – A case study for NLRs. Protein Expression and Purification, 2014, 99, 27-34.	0.6	15
641	Aryl hydrocarbon receptor protects against bacterial infection by promoting macrophage survival and reactive oxygen species production. International Immunology, 2014, 26, 209-220.	1.8	58
642	Neutrophils Counteract Autophagy-Mediated Anti-Inflammatory Mechanisms in Alveolar Macrophage: Role in Posthemorrhagic Shock Acute Lung Inflammation. Journal of Immunology, 2014, 193, 4623-4633.	0.4	52
643	Structural and functional investigation of zebrafish (Danio rerio) NOD1 leucine rich repeat domain and its interaction with iE-DAP. Molecular BioSystems, 2014, 10, 2942-2953.	2.9	23
644	Immune surveillance of the central nervous system in multiple sclerosis — Relevance for therapy and experimental models. Journal of Neuroimmunology, 2014, 276, 9-17.	1.1	30
645	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
646	NOD2 Mediates Odontoblast Differentiation and RANKL Expression. Journal of Dental Research, 2014, 93, 678-684.	2.5	21
647	Birinapant, a Smac-Mimetic with Improved Tolerability for the Treatment of Solid Tumors and Hematological Malignancies. Journal of Medicinal Chemistry, 2014, 57, 3666-3677.	2.9	146
648	TXNIP mediates NLRP3 inflammasome activation in cardiac microvascular endothelial cells as a novel mechanism in myocardial ischemia/reperfusion injury. Basic Research in Cardiology, 2014, 109, 415.	2.5	251
649	IAP Family of Cell Death and Signaling Regulators. Methods in Enzymology, 2014, 545, 35-65.	0.4	103
650	New paradigms in inflammatory signaling in vascular endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H317-H325.	1.5	130
651	LRRsearch: An asynchronous server-based application for the prediction of leucine-rich repeat motifs and an integrative database of NOD-like receptors. Computers in Biology and Medicine, 2014, 53, 164-170.	3.9	34
652	Lectins. Methods in Molecular Biology, 2014, , .	0.4	7
653	Host genome polymorphisms and tuberculosis infection: What we have to say?. The Egyptian Journal of Chest Diseases and Tuberculosis, 2014, 63, 173-185.	0.1	37
654	Nucleotide-Binding Oligomerization Domain (NOD) Inhibitors: A Rational Approach toward Inhibition of NOD Signaling Pathway. Journal of Medicinal Chemistry, 2014, 57, 6897-6918.	2.9	42
655	Inflammatory and immune pathways in the pathogenesis of periodontal disease. Periodontology 2000, 2014, 64, 57-80.	6.3	864
656	Inflammatory bowel disease. Immunology Letters, 2014, 161, 231-235.	1.1	95
657	Expression and protective role of two novel NACHT-containing proteins in pathogen infection. Developmental and Comparative Immunology, 2014, 46, 323-332.	1.0	12

#	Article	IF	CITATIONS
658	A ring-like model for ASC self-association via the CARD domain. Inflammasome, 2014, 1, .	0.6	1
659	Exacerbation of symptoms in Blau syndrome/early-onset sarcoidosis following delivery. European Journal of Dermatology, 2015, 25, 620-622.	0.3	2
660	Novel insights into the role of immune cells in skin and inducible skin-associated lymphoid tissue (iSALT). Allergo Journal, 2015, 24, 18-27.	0.1	1
661	Nucleotideâ€binding oligomerization domain 1 regulates <i>Porphyromonas gingivalis</i> â€induced vascular cell adhesion molecule 1 and intercellular adhesion molecule 1 expression in endothelial cells through <scp>NF</scp> â€PB pathway. Journal of Periodontal Research, 2015, 50, 189-196.	1.4	32
662	The Role of Invariant Natural Killer T Cells in Dendritic Cell Licensing, Cross-Priming, and Memory CD8+ T Cell Generation. Frontiers in Immunology, 2015, 6, 379.	2.2	53
663	Chlorpyrifos Exposure During Perinatal Period Affects Intestinal Microbiota Associated With Delay of Maturation of Digestive Tract in Rats. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 30-40.	0.9	89
664	Bacterial Secretions of Nonpathogenic Escherichia coli Elicit Inflammatory Pathways: a Closer Investigation of Interkingdom Signaling. MBio, 2015, 6, e00025.	1.8	67
665	Novel insights into the role of immune cells in skin and inducible skin-associated lymphoid tissue (iSALT). Allergo Journal International, 2015, 24, 170-179.	0.9	29
666	Inflammatory responses to a <i>Clostridium perfringens</i> type A strain and <i>α</i> -toxin in primary intestinal epithelial cells of chicken embryos. Avian Pathology, 2015, 44, 81-91.	0.8	40
667	Activation of NOD1 by DAP contributes to myocardial ischemia/reperfusion injury via multiple signaling pathways. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 512-522.	2.2	20
668	Effect of Sulforaphane on NOD2 via NF-κB: implications for Crohn's disease. Journal of Inflammation, 2015, 12, 6.	1.5	16
669	Comparative genomic and evolution of vertebrate NOD1 and NOD2 genes and their immune response in miiuy croaker. Fish and Shellfish Immunology, 2015, 46, 387-397.	1.6	46
670	The intracellular location, mechanisms and outcomes of NOD1 signaling. Cytokine, 2015, 74, 207-212.	1.4	33
671	The multifaceted activity of insect caspases. Journal of Insect Physiology, 2015, 76, 17-23.	0.9	24
673	NOD-Like Receptors: Guardians of Intestinal Mucosal Barriers. Physiology, 2015, 30, 241-250.	1.6	45
674	Overexpressed NLRC3 Acts as an Anti-Inflammatory Cytosolic Protein. Journal of Innate Immunity, 2015, 7, 25-36.	1.8	45
675	NOD1 in contrast to NOD2 functional polymorphism influence Chlamydia trachomatis infection and the risk of tubal factor infertility. Pathogens and Disease, 2015, 73, 1-9.	0.8	16
676	<scp>CARD</scp> ―and pyrinâ€only proteins regulating inflammasome activation and immunity. Immunological Reviews, 2015, 265, 217-230.	2.8	21

		15	<u></u>
#	ARTICLE	IF	CITATIONS
677	on Programmed Cell Death, 2015, 20, 1271-1280.	2.2	19
678	Intrinsic flexibility of <scp>NLRP</scp> pyrin domains is a key factor in their conformational dynamics, fold stability, and dimerization. Protein Science, 2015, 24, 174-181.	3.1	24
679	Skin Immune System: Microanatomy. , 2016, , 443-452.		1
680	Genomic and Transcriptomic View of Amphioxus Immunity. , 2016, , 57-84.		2
681	Pattern Recognition System in Amphioxus. , 2016, , 85-119.		2
683	A near atomic structure of the active human apoptosome. ELife, 2016, 5, .	2.8	70
684	Interplay between Inflammation and Cellular Stress Triggered by Flaviviridae Viruses. Frontiers in Microbiology, 2016, 7, 1233.	1.5	50
685	The Salmonella Effector Protein SopA Modulates Innate Immune Responses by Targeting TRIM E3 Ligase Family Members. PLoS Pathogens, 2016, 12, e1005552.	2.1	79
686	Variability of innate immune system genes in Native <scp>A</scp> merican populations—relationship with history and epidemiology. American Journal of Physical Anthropology, 2016, 159, 722-728.	2.1	6
687	Cytoplasmic Sensing in Innate Immunity. , 2016, , 710-726.		0
688	Bacterial peptidoglycan with amidated <i>meso</i> -diaminopimelic acid evades NOD1 recognition: an insight into NOD1 structure–recognition. Biochemical Journal, 2016, 473, 4573-4592.	1.7	33
689	Mitogen-activated protein kinase phosphatase-1: function and regulation in bone and related tissues. Connective Tissue Research, 2016, 57, 175-189.	1.1	13
690	Application of SGT1-Hsp90 chaperone complex for soluble expression of NOD1 LRR domain in E.Âcoli. Biochemical and Biophysical Research Communications, 2016, 478, 1647-1652.	1.0	8
692	Inflammasomes and its importance in viral infections. Immunologic Research, 2016, 64, 1101-1117.	1.3	110
694	Animal NLRs provide structural insights into plant NLR function. Annals of Botany, 2017, 119, mcw171.	1.4	62
695	Impact of microâ€environmental changes on respiratory tract infections with intracellular bacteria. FEBS Letters, 2016, 590, 3887-3904.	1.3	27
696	Crystal structure of NOD2 and its implications in human disease. Nature Communications, 2016, 7, 11813.	5.8	135
697	Pediatric Sarcoidosis. , 2016, , 517-525.e2.		7

	C	ITATION REPORT	-
#	ARTICLE	IF	CITATIONS
698	protein 1 in rainbow trout, Oncorhynchus mykiss. Fish and Shellfish Immunology, 2016, 51, 53-63.	1.6	21
699	Comparative Analysis of the Flax Immune Receptors L6 and L7 Suggests an Equilibrium-Based Switch Activation Model. Plant Cell, 2016, 28, 146-159.	3.1	110
700	Are the innate and adaptive immune systems setting hypertension on fire?. Pharmacological Researc 2017, 117, 377-393.	h, 3.1	31
701	Identification of genetic variation in NOD-like receptor 2 gene and influence of polymorphism on ger structure and function in buffalo ( Bubalus bubalis ). Research in Veterinary Science, 2017, 115, 43-5	ne 0.9 50.	1
702	Mitochondrial Mechanisms of Neuronal Cell Death: Potential Therapeutics. Annual Review of Pharmacology and Toxicology, 2017, 57, 437-454.	4.2	120
703	Inductive expression of the NOD1 signalling pathway in chickens infected with Salmonella pullorum. British Poultry Science, 2017, 58, 242-250.	0.8	28
704	Inflammasomes in Myeloid Cells: Warriors Within. Microbiology Spectrum, 2017, 5, .	1.2	21
705	Microbiome and Cardiac Health. , 2017, , 67-97.		0
706	Microbiota composition and immune responses during Campylobacter jejuni infection in conventionally colonized IL-10â^'/â' mice lacking nucleotide oligomerization domain 2. European Jou of Microbiology and Immunology, 2017, 7, 1-14.	ırnal 1.5	13
707	Respiratory syncytial virus: an overview of infection biology and vaccination strategies. Future Virology, 2017, 12, 297-313.	0.9	1
708	Molecular cloning and functional characterization of duck nucleotide-binding oligomerization domain 1 (NOD1). Developmental and Comparative Immunology, 2017, 74, 82-89.	1.0	26
709	Primary Immunodeficiency Diseases. , 2017, , .		22
710	The Role of ESX-1 in <i>Mycobacterium tuberculosis</i> Pathogenesis. Microbiology Spectrum, 201	7, 5, . 1.2	54
711	A genome-wide association analysis identifies NMNAT2 and HCP5 as susceptibility loci for Kawasaki disease. Journal of Human Genetics, 2017, 62, 1023-1029.	1.1	40
712	NOD1 and NOD2: Beyond Peptidoglycan Sensing. Trends in Immunology, 2017, 38, 758-767.	2.9	103
713	NOD2 and bacterial recognition as therapeutic targets for Crohn's disease. Expert Opinion on Therapeutic Targets, 2017, 21, 1123-1139.	1.5	33
714	Small intestinal pro-inflammatory immune responses following Campylobacter jejuni infection of secondary abiotic IL-10â°′/â°' mice lacking nucleotide-oligomerization-domain-2. European Journal of Microbiology and Immunology, 2017, 7, 138-145.	1.5	13
715	Campylobacter jejuni infection of conventionally colonized mice lacking nucleotide-oligomerization-domain-2. Gut Pathogens, 2017, 9, 5.	1.6	14

#	ARTICLE	IF	CITATIONS
716	Autoinflammatory diseases in adults. Clinical characteristics and prognostic implications. Revista Clínica Espanõla, 2017, 217, 108-116.	0.3	2
717	Enfermedades autoinflamatorias en el adulto. CaracterÃsticas clÃnicas e implicaciones pronósticas. Revista Clinica Espanola, 2017, 217, 108-116.	0.2	3
718	Comparative analysis of testis transcriptomes associated with male infertility in cattleyak. Theriogenology, 2017, 88, 28-42.	0.9	56
719	Role of zebrafish NLRC5 in antiviral response and transcriptional regulation of MHC related genes. Developmental and Comparative Immunology, 2017, 68, 58-68.	1.0	20
720	The Role of ESX-1 in Mycobacterium tuberculosis Pathogenesis. , 2017, , 627-634.		1
721	Grape seed proanthocyanidin inhibits inflammatory responses in hepatic stellate cells by modulating the MAPK, Akt and NF-I®B signaling pathways. International Journal of Molecular Medicine, 2017, 40, 226-234.	1.8	19
722	Absence of Nucleotide-Oligomerization-Domain-2 Is Associated with Less Distinct Disease in Campylobacter jejuni Infected Secondary Abiotic IL-10 Deficient Mice. Frontiers in Cellular and Infection Microbiology, 2017, 7, 322.	1.8	22
723	The Effects of Baicalin and Baicalein on Cerebral Ischemia: A Review. , 2017, 8, 850.		156
724	Extending Immunological Profiling in the Gilthead Sea Bream, Sparus aurata, by Enriched cDNA Library Analysis, Microarray Design and Initial Studies upon the Inflammatory Response to PAMPs. International Journal of Molecular Sciences, 2017, 18, 317.	1.8	5
725	Muramyl Dipeptide Induces Reactive Oxygen Species Generation Through the NOD2/COX-2/NOX4 Signaling Pathway in Human Umbilical Vein Endothelial Cells. Journal of Cardiovascular Pharmacology, 2018, 71, 352-358.	0.8	8
726	The discrepancy function of NLRC5 isoforms in antiviral and antibacterial immune responses. Developmental and Comparative Immunology, 2018, 84, 153-163.	1.0	11
727	NOD-like receptor(s) and host immune responses with Pseudomonas aeruginosa infection. Inflammation Research, 2018, 67, 479-493.	1.6	13
728	A bite so sweet: the glycobiology interface of tick-host-pathogen interactions. Parasites and Vectors, 2018, 11, 594.	1.0	20
730	Recombinant Filarial, Wolbachia Antigens and their Role in the Immunopathogenesis of Human Lymphatic Filariasis. , 2018, , 81-97.		0
731	Comparison between NOD2 gene mutation carriers (3020insC) and non-carriers in breast cancer patients: aÂclinicopathological and survival analysis. Archives of Medical Science - Civilization Diseases, 2018, 3, 10-15.	0.1	3
732	Host-Derived Microvesicles Carrying Bacterial Pore-Forming Toxins Deliver Signals to Macrophages: A Novel Mechanism of Shaping Immune Responses. Frontiers in Immunology, 2018, 9, 1688.	2.2	18
733	Salmonella stimulates pro-inflammatory signalling through p21-activated kinases bypassing innate immune receptors. Nature Microbiology, 2018, 3, 1122-1130.	5.9	35
734	NOD2 Expression in Streptococcus pneumoniae Meningitis and Its Influence on the Blood-Brain Barrier. Canadian Journal of Infectious Diseases and Medical Microbiology, 2018, 2018, 1-8.	0.7	8

#	Article	IF	CITATIONS
735	Evidence and perspective for the role of the NLRP3 inflammasome signaling pathway in ischemic stroke and its therapeutic potential (Review). International Journal of Molecular Medicine, 2018, 42, 2979-2990.	1.8	27
736	Nucleotide-binding oligomerization domain-containing protein 1 (NOD1) in Asian seabass, Lates calcarifer: Cloning, ontogeny and expression analysis following bacterial infection or ligand stimulation. Fish and Shellfish Immunology, 2018, 79, 153-162.	1.6	13
737	NOD1/NF-κB signaling pathway inhibited by sodium butyrate in the mammary gland of lactating goats during sub-acute ruminal acidosis. Microbial Pathogenesis, 2018, 122, 58-62.	1.3	8
738	Genes and their single nucleotide polymorphism involved in innate immune response in central nervous system in bacterial meningitis: review of literature data. Inflammation Research, 2018, 67, 655-661.	1.6	5
739	Sodium Butyrate Mitigates iE-DAP Induced Inflammation Caused by High-Concentrate Feeding in Liver of Dairy Goats. Journal of Agricultural and Food Chemistry, 2018, 66, 8999-9009.	2.4	21
740	Protective Role of Rabbit Nucleotide-Binding Oligomerization Domain-2 (NOD2)-Mediated Signaling Pathway in Resistance to Enterohemorrhagic Escherichia coli Infection. Frontiers in Cellular and Infection Microbiology, 2018, 8, 220.	1.8	6
741	NLR-Dependent Regulation of Inflammation in Multiple Sclerosis. Frontiers in Immunology, 2017, 8, 2012.	2.2	66
742	Absence of NOD2 receptor predisposes to intestinal inflammation by a deregulation in the immune response in hosts that are unable to control gut dysbiosis. Immunobiology, 2018, 223, 577-585.	0.8	17
743	The NOD1 and NOD2 in mandarinfish (Siniperca chuatsi): molecular characterization, tissue	2.7	14
/ 10	distribution, and expression analysis. BMC Genetics, 2018, 19, 61.		
744	Innate Immunity and Inflammation. , 2018, , 74-128.		0
744 745	<ul> <li>distribution, and expression analysis. BMC Genetics, 2018, 19, 61.</li> <li>Innate Immunity and Inflammation. , 2018, , 74-128.</li> <li>Principles of inflammasome priming and inhibition: Implications for psychiatric disorders. Brain, Behavior, and Immunity, 2018, 73, 66-84.</li> </ul>	2.0	0 88
744 745 746	<ul> <li>distribution, and expression analysis. BMC Genetics, 2018, 19, 61.</li> <li>Innate Immunity and Inflammation. , 2018, , 74-128.</li> <li>Principles of inflammasome priming and inhibition: Implications for psychiatric disorders. Brain, Behavior, and Immunity, 2018, 73, 66-84.</li> <li>Cellular immune responses in amniotic fluid of women with preterm labor and intraâ€emniotic infection or intraâ€emniotic inflammation. American Journal of Reproductive Immunology, 2019, 82, e13171.</li> </ul>	2.0	0 88 43
744 745 746 747	distribution, and expression analysis. BMC Genetics, 2018, 19, 61.         Innate Immunity and Inflammation. , 2018, , 74-128.         Principles of inflammasome priming and inhibition: Implications for psychiatric disorders. Brain, Behavior, and Immunity, 2018, 73, 66-84.         Cellular immune responses in amniotic fluid of women with preterm labor and intraâ€amniotic infection or intraâ€amniotic inflammation. American Journal of Reproductive Immunology, 2019, 82, e13171.         RIPK2 polymorphisms and susceptibility to tuberculosis in a Western Chinese Han population. Infection, Genetics and Evolution, 2019, 75, 103950.	2.0 1.2 1.0	0 88 43 7
744 745 746 747 748	distribution, and expression analysis. BMC Genetics, 2018, 19, 61.         Innate Immunity and Inflammation. , 2018, , 74-128.         Principles of inflammasome priming and inhibition: Implications for psychiatric disorders. Brain, Behavior, and Immunity, 2018, 73, 66-84.         Cellular immune responses in amniotic fluid of women with preterm labor and intraâ€amniotic infection or intraâ€amniotic inflammation. American Journal of Reproductive Immunology, 2019, 82, e13171.         RIPK2 polymorphisms and susceptibility to tuberculosis in a Western Chinese Han population. Infection, Genetics and Evolution, 2019, 75, 103950.         Pathogenetic Therapy of Psoriasis by Muramyl Peptide. Frontiers in Immunology, 2019, 10, 1275.	2.0 1.2 1.0 2.2	0 888 43 7
744 745 746 747 748 749	distribution, and expression analysis. BMC Genetics, 2018, 19, 61.         Innate Immunity and Inflammation. , 2018, , 74-128.         Principles of inflammasome priming and inhibition: Implications for psychiatric disorders. Brain, Behavior, and Immunity, 2018, 73, 66-84.         Cellular immune responses in amniotic fluid of women with preterm labor and intraâ€emniotic infection or intraâ€emniotic inflammation. American Journal of Reproductive Immunology, 2019, 82, e13171.         RIPK2 polymorphisms and susceptibility to tuberculosis in a Western Chinese Han population. Infection, Genetics and Evolution, 2019, 75, 103950.         Pathogenetic Therapy of Psoriasis by Muramyl Peptide. Frontiers in Immunology, 2019, 10, 1275.         Responding to Threats Both Foreign and Domestic: NOD-Like Receptors in Corals. Integrative and Comparative Biology, 2019, 59, 819-829.	2.0 1.2 1.0 2.2 0.9	0 88 43 7 13 7
744 745 746 747 748 749 750	distribution, and expression analysis. BMC Genetics, 2018, 19, 61.         Innate Immunity and Inflammation. , 2018, , 74-128.         Principles of inflammasome priming and inhibition: Implications for psychiatric disorders. Brain, Behavior, and Immunity, 2018, 73, 66-84.         Cellular immune responses in amniotic fluid of women with preterm labor and intraâ€emniotic infection or intraâ€amniotic inflammation. American Journal of Reproductive Immunology, 2019, 82, e13171.         RIPK2 polymorphisms and susceptibility to tuberculosis in a Western Chinese Han population. Infection, Genetics and Evolution, 2019, 75, 103950.         Pathogenetic Therapy of Psoriasis by Muramyl Peptide. Frontiers in Immunology, 2019, 10, 1275.         Responding to Threats Both Foreign and Domestic: NOD-Like Receptors in Corals. Integrative and Comparative Biology, 2019, 59, 819-829.         Protein Interactions of the inflammasome adapter ASC by solution NMR. Methods in Enzymology, 2019, 625, 223-252.	2.0 1.2 1.0 2.2 0.9 0.4	0 88 43 7 13 7 8
<ul> <li>744</li> <li>745</li> <li>746</li> <li>747</li> <li>748</li> <li>749</li> <li>750</li> <li>751</li> </ul>	distribution, and expression analysis. BMC Genetics, 2018, 19, 61.         Innate Immunity and Inflammation., 2018, , 74-128.         Principles of inflammasome priming and inhibition: Implications for psychiatric disorders. Brain, Behavior, and Immunity, 2018, 73, 66-84.         Cellular immune responses in amniotic fluid of women with preterm labor and intraâ€amniotic infection or intraâ€amniotic inflammation. American Journal of Reproductive Immunology, 2019, 82, e13171.         RIPK2 polymorphisms and susceptibility to tuberculosis in a Western Chinese Han population. Infection, Genetics and Evolution, 2019, 75, 103950.         Pathogenetic Therapy of Psoriasis by Muramyl Peptide. Frontiers in Immunology, 2019, 10, 1275.         Responding to Threats Both Foreign and Domestic: NOD-Like Receptors in Corals. Integrative and Comparative Biology, 2019, 59, 819-829.         Protein interactions of the inflammasome adapter ASC by solution NMR. Methods in Enzymology, 2019, 625, 223-252.         THP-1 Cells and Pro-inflammatory Cytokine Production: An in Vitro Tool for Functional Characterization of NOD1/NOD2 Antagonists. International Journal of Molecular Sciences, 2019, 20, 4265.	2.0 1.2 1.0 2.2 0.9 0.4 1.8	0 88 43 7 13 7 8 8

#	Article	IF	CITATIONS
753	MicroRNA Post-transcriptional Regulation of the NLRP3 Inflammasome in Immunopathologies. Frontiers in Pharmacology, 2019, 10, 451.	1.6	61
754	Chikungunya Virus and Zika Virus, Two Different Viruses Examined with a Common Aim: Role of Pattern Recognition Receptors on the Inflammatory Response. Journal of Interferon and Cytokine Research, 2019, 39, 507-521.	0.5	12
755	Peptidoglycan Muropeptides: Release, Perception, and Functions as Signaling Molecules. Frontiers in Microbiology, 2019, 10, 500.	1.5	137
756	Genetic polymorphisms of long noncoding RNA <i>RP11â€37B2.1</i> associate with susceptibility of tuberculosis and adverse events of antituberculosis drugs in west China. Journal of Clinical Laboratory Analysis, 2019, 33, e22880.	0.9	15
757	Gene Variants, mRNA and NOD1/2 Protein Levels in Tunisian Childhood Asthma. Lung, 2019, 197, 377-385.	1.4	4
758	Osteopontin in the host response to Leishmania amazonensis. BMC Microbiology, 2019, 19, 32.	1.3	10
759	Extracellular peptide Kratos restricts cell death during vascular development and stress in Arabidopsis. Journal of Experimental Botany, 2019, 70, 2199-2210.	2.4	11
760	Autoinflammatory Granulomatous Disease: Blau Syndrome. , 2019, , 367-381.		0
761	Emerging Roles for NLRC5 in Immune Diseases. Frontiers in Pharmacology, 2019, 10, 1352.	1.6	19
762	Harnessing the untapped potential of nucleotideâ€binding oligomerization domain ligands for cancer immunotherapy. Medicinal Research Reviews, 2019, 39, 1447-1484.	5.0	27
763	IL-1 family cytokines in cardiovascular disease. Cytokine, 2019, 122, 154215.	1.4	52
764	Ocular Features in Chinese Patients with Blau Syndrome. Ocular Immunology and Inflammation, 2020, 28, 79-85.	1.0	10
765	Structures of plant resistosome reveal how NLR immune receptors are activated. ABIOTECH, 2020, 1, 147-150.	1.8	5
766	Molecular systems in inflammatory bowel disease. , 2020, , 367-388.		1
767	Nod2 Protects the Gut From Experimental Colitis Spreading to Small Intestine. Journal of Crohn's and Colitis, 2020, 14, 669-679.	0.6	3
768	NLRP12 in innate immunity and inflammation. Molecular Aspects of Medicine, 2020, 76, 100887.	2.7	70
770	Identification of benzofused five-membered sultams, potent dual NOD1/NOD2 antagonists inÂvitro and inÂvivo. European Journal of Medicinal Chemistry, 2020, 204, 112575.	2.6	7
771	Clinicopathological characteristics of breast cancer patients with NOD2 mutation according to age. Wspolczesna Onkologia, 2020, 24, 79-86.	0.7	2

#	Article	IF	CITATIONS
772	Synthesis of Conformationally Constrained d-Glu-meso-DAP Analogs as Innate Immune Agonists. Molecules, 2020, 25, 5228.	1.7	4
773	Innate Immune Receptors, Key Actors in Cardiovascular Diseases. JACC Basic To Translational Science, 2020, 5, 735-749.	1.9	45
774	<p>The Impact of Gut Microbiota Disorders on the Blood–Brain Barrier</p> . Infection and Drug Resistance, 2020, Volume 13, 3351-3363.	1.1	56
775	Recent advances in self-adjuvanting glycoconjugate vaccines. Drug Discovery Today: Technologies, 2020, 37, 61-71.	4.0	9
776	Gut microbiota, NLR proteins, and intestinal homeostasis. Journal of Experimental Medicine, 2020, 217, .	4.2	35
777	KCNQ1OT1 Exacerbates Ischemia–Reperfusion Injury Through Targeted Inhibition of miR-140-3P. Inflammation, 2020, 43, 1832-1845.	1.7	29
778	Host Epigenetics in Intracellular Pathogen Infections. International Journal of Molecular Sciences, 2020, 21, 4573.	1.8	14
779	Antibody-coated microstructures for selective isolation of immune cells in blood. Lab on A Chip, 2020, 20, 1072-1082.	3.1	9
780	Filtrated Adipose Tissue-Derived Mesenchymal Stem Cell Lysate Ameliorates Experimental Acute Colitis in Mice. Digestive Diseases and Sciences, 2021, 66, 1034-1044.	1.1	11
781	The expanding and function of NLRC3 or NLRC3-like in teleost fish: Recent advances and novel insights. Developmental and Comparative Immunology, 2021, 114, 103859.	1.0	35
782	Characterization and expression analysis of Nod-like receptor 3 (NLRC3) against infection with Piscirickettsia salmonis in Atlantic salmon. Developmental and Comparative Immunology, 2021, 114, 103865.	1.0	13
783	Immune modulating effects of receptor interacting protein 2 (RIP2) in autoinflammation and immunity. Clinical Immunology, 2021, 223, 108648.	1.4	17
784	Glycoconjugates for Adjuvants and Self-Adjuvanting Vaccines. , 2021, , 166-184.		0
785	NOD2 Mutation-Associated Case with Blau Syndrome Triggered by BCG Vaccination. Children, 2021, 8, 117.	0.6	6
786	NLRP6-associated host microbiota composition impacts in the intestinal barrier to systemic dissemination of Brucella abortus. PLoS Neglected Tropical Diseases, 2021, 15, e0009171.	1.3	8
787	Integrated Full-Length Transcriptome and RNA-Seq to Identify Immune System Genes from the Skin of Sperm Whale (Physeter macrocephalus). Genes, 2021, 12, 233.	1.0	4
788	Molecular and functional characterization of spotted snakehead NOD1 with an emphasis on structural insights into iE-DAP binding motifs employing advanced bioinformatic tools. Journal of Biomolecular Structure and Dynamics, 2022, 40, 7483-7495.	2.0	5
789	Sustained Surface ICAM-1 Expression and Transient PDGF-B Production by Phorbol Myristate Acetate-Activated THP-1 Cells Harboring Blau Syndrome-Associated NOD2 Mutations. Children, 2021, 8, 335.	0.6	0

#	Article	IF	CITATIONS
790	Genome-wide identification of NOD-like receptors and their expression profiling in mucosal tissues of turbot (Scophthalmus maximus L.) upon bacteria challenge. Molecular Immunology, 2021, 134, 48-61.	1.0	10
791	Inflammation and tumor progression: signaling pathways and targeted intervention. Signal Transduction and Targeted Therapy, 2021, 6, 263.	7.1	739
792	Association of NOD1, NOD2, PYDC1 and PYDC2 genes with Behcet's disease susceptibility and clinical manifestations. Ophthalmic Genetics, 2021, 42, 691-697.	0.5	3
793	Pattern recognition receptors in health and diseases. Signal Transduction and Targeted Therapy, 2021, 6, 291.	7.1	510
794	Pattern recognition receptors as therapeutic targets for bacterial, viral and fungal sepsis. International Immunopharmacology, 2021, 98, 107909.	1.7	11
795	Electrical stimulation in animal models of epilepsy: A review on cellular and electrophysiological aspects. Life Sciences, 2021, 285, 119972.	2.0	2
797	Multiparameter Analysis of Immunogenetic Mechanisms in Clinical Diagnosis and Management of Inflammatory Bowel Disease. Advances in Experimental Medicine and Biology, 2006, 579, 209-218.	0.8	10
798	Recent Progress in Inflammatory Bowel Disease Genetics. Advances in Experimental Medicine and Biology, 2006, 579, 24-34.	0.8	1
799	Molecular Genetics of Mosquito Resistance to Malaria Parasites. , 2005, 295, 383-415.		22
800	Alveolar Macrophages. , 2013, , 1-48.		1
801	Application of Lectin Microarray to Bacteria Including Lactobacillus casei/paracasei Strains. Methods in Molecular Biology, 2014, 1200, 295-311.	0.4	5
802	Evolution of Resistance Genes in Plants. Nucleic Acids and Molecular Biology, 2008, , 1-25.	0.2	8
803	Autoinflammatory Disorders. , 2008, , 215-233.		3
804	Autoinflammatory Disorders. , 2017, , 393-435.		1
805	Metabolic profiling by 1H NMR spectroscopy of saliva shows clear distinction between control and diseased case of periodontitis. Metabolomics, 2017, 13, 1.	1.4	21
806	Innate Immunity and Epithelial Biology: Special Considerations in the Neonatal Gut. , 2008, , 51-72.		2
807	Innate immune receptors in type 1 diabetes: the relationship to cell death-associated inflammation. Biochemical Society Transactions, 2020, 48, 1213-1225.	1.6	3
809	NOD1 contributes to mouse host defense against Helicobacter pylori via induction of type I IFN and activation of the ISGF3 signaling pathway. Journal of Clinical Investigation, 2010, 120, 1645-1662.	3.9	210

#	Article	IF	Citations
810	Genetics of Sarcoidosis. Lung Biology in Health and Disease, 2005, , 183-206.	0.1	1
811	CARD15/NOD2 Is Required for Peyer's Patches Homeostasis in Mice. PLoS ONE, 2007, 2, e523.	1.1	125
812	MyD88-Dependent Signaling Contributes to Host Defense against Ehrlichial Infection. PLoS ONE, 2010, 5, e11758.	1.1	33
813	Interaction of Crohn's Disease Susceptibility Genes in an Australian Paediatric Cohort. PLoS ONE, 2010, 5, e15376.	1.1	26
814	SECOM: A Novel Hash Seed and Community Detection Based-Approach for Genome-Scale Protein Domain Identification. PLoS ONE, 2012, 7, e39475.	1.1	15
815	Elucidation of Relevant Neuroinflammation Mechanisms Using Gene Expression Profiling in Patients with Amyotrophic Lateral Sclerosis. PLoS ONE, 2016, 11, e0165290.	1.1	25
816	Toll-like Receptor (TLR) and Nucleotide-Binding Oligomerization Domain (NOD) Signaling during Vibrio cholerae Infection. MOJ Immunology, 2015, 2, .	11.0	2
817	Targeting mantle cell lymphoma metabolism and survival through simultaneous blockade of mTOR and nuclear transporter exportin-1. Oncotarget, 2017, 8, 34552-34564.	0.8	9
818	Caspase-4 is essential for saikosaponin a-induced apoptosis acting upstream of caspase-2 and γ-H2AX in colon cancer cells. Oncotarget, 2017, 8, 100433-100448.	0.8	25
819	Rapid detection of common CARD15 variants in patients with inflammatory bowel disease. , 2004, 8, 101.		3
821	Genetics of Atopic Eczema. , 2009, , 37-67.		2
822	Potentially probiotic bacteria induce efficient maturation but differential cytokine production in human monocyte-derived dendritic cells. World Journal of Gastroenterology, 2008, 14, 5570.	1.4	62
823	Association of NOD1 (CARD4) insertion/deletion polymorphism with susceptibility to IBD: A meta-analysis. World Journal of Gastroenterology, 2010, 16, 4348.	1.4	28
824	Enfermedad inflamatoria intestinal: Una mirada inmunológica. Revista Medica De Chile, 2008, 136, .	0.1	11
825	Study of Interferonogenous Activity of the New Probiotic Formulation Del-Immune VÃ,®. Journal of Probiotics & Health, 2013, 01, .	0.6	5
826	Synergistic interaction between C5a and NOD2 signaling in the regulation of chemokine expression in RAW 264.7 macrophages. Advances in Bioscience and Biotechnology (Print), 2013, 04, 30-37.	0.3	15
827	Message in a Bottle: Chemical Biology of Induced Disease Resistance in Plants. Plant Pathology Journal, 2008, 24, 245-268.	0.7	44
828	Expression of pattern recognition receptors in liver biopsy specimens of children chronically infected with HBV and HCV. Folia Histochemica Et Cytobiologica, 2011, 49, 410-416.	0.6	9

#	Article	IF	CITATIONS
829	Kombucha microbiome as a probiotic: a view from the perspective of post-genomics and synthetic ecology. Biopolymers and Cell, 2012, 28, 103-113.	0.1	41
830	Nlrp3 Increases the Host's Susceptibility to Tularemia. Frontiers in Microbiology, 2021, 12, 725572.	1.5	4
831	Role of nucleic acid sensing in the pathogenesis of type 1 diabetes. World Journal of Diabetes, 2021, 12, 1655-1673.	1.3	2
834	Biliary cell lineage. From the viewpoint of natural immunity Acta Hepatologica Japonica, 2004, 45, 642-645.	0.0	0
835	Early-onset sarcoidosis and NOD2: Summary on genetic analysis of Japanese 10 cases. Ensho Saisei, 2005, 25, 169-172.	0.2	0
836	Defences Under Attack: the Potential Misuse of Immunology. , 2006, , 68-90.		0
837	NFB in the Innate Immune System. , 2006, , 107-129.		0
838	Endotoxemia. , 2007, , 317-331.		1
840	Functional Changes of Macrophages Induced by Dimeric Glycosaminylmuramyl Pentapeptide. Advances in Experimental Medicine and Biology, 2007, 601, 205-210.	0.8	0
841	Dendritic Cells and Their Role in Linking Innate and Adaptive Immune Responses. , 2007, , 45-84.		1
842	Heterozygous nucleotide-binding oligomerization domain-2 mutations affect monocyte maturation in Crohn's disease. World Journal of Gastroenterology, 2007, 13, 6191.	1.4	1
843	Immunologische Grundlagen der Infektabwehr. , 2008, , 39-51.		0
844	The Inflammatory Response to Ischemic Acute Renal Injury. , 2008, , 2577-2589.		0
845	Pattern Recognition Receptors in CNS Disease. , 2008, , 131-152.		0
846	Toll-Like Receptors in the Mammalian Innate Immune System. Nucleic Acids and Molecular Biology, 2008, , 135-167.	0.2	0
847	Characteristics of Dendritic Cell Responses to Nucleic Acids. , 2008, , 43-58.		0
848	Angiotensin-converting enzyme limits inflammation elicited byTrypanosoma cruzicysteine proteases: a peripheral mechanism regulating adaptive immunity via the innate kinin pathway. Biological Chemistry, 2008, .	1.2	0
849	The Macrophage in Innate and Adaptive Immunity. , 2009, , 784-788.		0

#	Article	IF	CITATIONS
851	Sepsis and the Genomic Revolution. , 2009, , 1362-1374.		0
856	PEDIATRIC SARCOIDOSIS. , 2011, , 544-551.		2
858	Broadening Our View About the Role of Mycobacterium tuberculosis Cell Envelope Components During Infection: A Battle for Survival. , 0, , .		0
859	Experimental Models for Rheumatoid Arthritis. , 2013, , 400-412.e4.		0
860	Nod1 and Nod2 and the Immune Response to Bacteria. , 2013, , 191-217.		0
861	Autophagy in Helicobacter pylori-Induced Inflammation and Disease. Immuno-gastroenterology, 2013, 2, 132.	0.4	0
862	Signal Transduction in the Intestinal Mucosa. , 0, , 265-281.		0
863	Macrophages: Microbial Recognition and Response. , 0, , 27-50.		0
864	Cytokines and Macrophages and Dendritic Cells: Key Modulators of Immune Responses. , 0, , 281-299.		0
865	Receptors in Oral Epithelial Innate Immunity. Journal of Bioanalysis & Biomedicine, 2015, 07, .	0.1	0
866	Immune Homeostasis: Activation and Downregulation of NF-Î $^{ m B}$ . Springer Theses, 2015, , 1-44.	0.0	0
867	Principles of innate immunity. , 2015, , 127-133.		0
868	Tumor-Like Granulomatous Disorders of the Hepatobiliary Tract. , 2016, , 1-25.		0
869	Tumor-Like Granulomatous Disorders of the Hepatobiliary Tract. , 2017, , 2475-2499.		0
870	Basic Immunobiology. Molecular and Integrative Toxicology, 2017, , 1-93.	0.5	0
871	Inflammasomes in Myeloid Cells: Warriors Within. , 0, , 305-324.		0
875	NOD1 and NOD2 and the Immune Response to Bacteria. , 2019, , 251-280.		0
876	The immune function of a NLR like gene, LvNLRPL1, in the Pacific whiteleg shrimp Litopenaeus vannamei. Developmental and Comparative Immunology, 2022, 128, 104311.	1.0	4

#	Article	IF	CITATIONS
877	Inflammatory bowel diseases and genetic. Anadolu Güncel TÄ $\pm p$ Dergisi, 0, , .	0.0	0
878	İnflamatuvar barsak hastalıkları ve genetik. Anadolu Güncel Tıp Dergisi, 0, , .	0.0	0
879	Role of Allergens in Airway Disease and Their Interaction with the Airway Epithelium. , 2009, , 291-309.		0
881	Gastroenterologic and Hepatic Diseases. , 2006, , 92-118.		0
882	Xanthomonas oryzae pv. oryzae AvrXA21 Activity Is Dependent on a Type One Secretion System, Is Regulated by a Two-Component Regulatory System that Responds to Cell Population Density, and Is Conserved in Other Xanthomonas spp , 2008, , 25-40.		0
883	State-of-the Art Lecture: The multifactorial pathogenesis of inflammatory bowel disease. , 0, , 3-17.		0
885	In silico modelling and characterization of eight blast resistance proteins in resistant and susceptible rice cultivars. Journal of Genetic Engineering and Biotechnology, 2020, 18, 75.	1.5	1
888	The role of immunostimulatory nucleic acids in septic shock. International Journal of Clinical and Experimental Medicine, 2012, 5, 1-23.	1.3	9
889	NOD2/CARD15 gene mutation identified in a Chinese family with Blau syndrome. Molecular Vision, 2012, 18, 617-23.	1.1	8
890	Atopic dermatitis and the stratum corneum: part 3: the immune system in atopic dermatitis. Journal of Clinical and Aesthetic Dermatology, 2013, 6, 37-44.	0.1	10
892	Tofacitinib effectiveness in Blau syndrome: a case series of Chinese paediatric patients. Pediatric Rheumatology, 2021, 19, 160.	0.9	10
893	Hematogenous Macrophages: A New Therapeutic Target for Spinal Cord Injury. Frontiers in Cell and Developmental Biology, 2021, 9, 767888.	1.8	10
894	Cytoplasmic Sensing in Innate Immunity. , 2022, , .		0
895	Oro-dental regeneration. , 2022, , 53-76.		2
896	The role of Cl <sup>â^'</sup> and K <sup>+</sup> efflux in NLRP3 inflammasome and innate immune response activation. American Journal of Physiology - Cell Physiology, 2022, 322, C645-C652.	2.1	14
900	Teleost NOD-like receptors and their downstream signaling pathways: A brief review. Fish and Shellfish Immunology Reports, 2022, 3, 100056.	0.5	13
901	Gut Microbiota-Derived Diaminopimelic Acid Promotes the NOD1/RIP2 Signaling Pathway and Plays a Key Role in the Progression of Severe Acute Pancreatitis. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	3
902	NLRC3 attenuates antiviral immunity and activates inflammasome responses in primary grouper brain cells following nervous necrosis virus infection. Fish and Shellfish Immunology, 2022, 127, 219-227.	1.6	8

#	Article	IF	CITATIONS
903	Munronoid I Ameliorates DSS-Induced Mouse Colitis by Inhibiting NLRP3 Inflammasome Activation and Pyroptosis Via Modulation of NLRP3. Frontiers in Immunology, 0, 13, .	2.2	8
904	Nucleotide-Binding Oligomerization Domain 1/Toll-Like Receptor 4 Co-Engagement Promotes Non-Specific Immune Response Against K562 Cancer Cells. Frontiers in Pharmacology, 0, 13, .	1.6	0
905	Timing is everything: impact of development, ageing and circadian rhythm on macrophage functions in urinary tract infections. Mucosal Immunology, 2022, 15, 1114-1126.	2.7	4
907	Lung injury following cardiopulmonary bypass: a clinical update. Expert Review of Cardiovascular Therapy, 2022, 20, 871-880.	0.6	3
908	Conjunctival epitheliopathy induced by topical exposure to bacterial peptidoglycan, muramyl dipeptide. Experimental Eye Research, 2023, 227, 109383.	1.2	0
909	Innovative Vaccine Strategy: Self-Adjuvanting Conjugate Vaccines. Methods in Molecular Biology, 2023, , 55-72.	0.4	1
910	Assembly and Architecture of NLR Resistosomes and Inflammasomes. Annual Review of Biophysics, 2023, 52, 207-228.	4.5	11
911	Exon shuffling potentiates a diverse repertoire of brown algal <scp>NBâ€ARCâ€TPR</scp> candidate immune receptor proteins via alternative splicing. Plant Journal, 2023, 114, 246-261.	2.8	Ο
912	Molecular Basis beyond Interrelated Bone Resorption/Regeneration in Periodontal Diseases: A Concise Review. International Journal of Molecular Sciences, 2023, 24, 4599.	1.8	9
915	Beyond DNA sensing: expanding the role of cGAS/STING in immunity and diseases. Archives of Pharmacal Research, 2023, 46, 500-534.	2.7	4
918	RIPK2—FROM "OFF-TARGET―TO CLINICAL CANDIDATE AND BEYOND. Medicinal Chemistry Reviews, 0, , 199-219.	0.1	0
928	Role of inflammasomes in HIV-1 and drug abuse-mediated neuroinflammation. , 2024, , 209-224.		0