The inflammasome: a danger sensing complex triggerin

Current Opinion in Immunology 19, 615-622

DOI: 10.1016/j.coi.2007.09.002

Citation Report

#	Article	IF	CITATIONS
1	Alum adjuvanticity: Unraveling a century old mystery. European Journal of Immunology, 2008, 38, 2068-2071.	1.6	204
2	Innate immunity meets with cellular stress at the IKK complex: Regulation of the IKK complex by HSP70 and HSP90. Immunology Letters, 2008, 117, 9-15.	1.1	88
3	The DEAD-box helicase DDX3X is a critical component of the TANK-binding kinase 1-dependent innate immune response. EMBO Journal, 2008, 27, 2135-2146.	3.5	276
4	NLRX1: friend or foe?. EMBO Reports, 2008, 9, 243-245.	2.0	9
5	The inflammasome recognizes cytosolic microbial and host DNA and triggers an innate immune response. Nature, 2008, 452, 103-107.	13.7	838
6	Loss of the autophagy protein Atg16L1 enhances endotoxin-induced IL- $1\hat{l}^2$ production. Nature, 2008, 456, 264-268.	13.7	1,837
7	Silica crystals and aluminum salts activate the NALP3 inflammasome through phagosomal destabilization. Nature Immunology, 2008, 9, 847-856.	7.0	2,568
8	Superoxide dismutase 1 regulates caspase-1 and endotoxic shock. Nature Immunology, 2008, 9, 866-872.	7.0	273
9	Expansion and evolution of cell death programmes. Nature Reviews Molecular Cell Biology, 2008, 9, 378-390.	16.1	490
10	Heat shock inhibits caspase-1 activity while also preventing its inflammasome-mediated activation by anthrax lethal toxin. Cellular Microbiology, 2008, 10, 2434-2446.	1.1	30
11	Amyloidâ€Î² oligomers set fire to inflammasomes and induce Alzheimer's pathology. Journal of Cellular and Molecular Medicine, 2008, 12, 2255-2262.	1.6	149
12	Immune system in renal injury and repair: Burning the candle from both ends?. Pharmacological Research, 2008, 58, 122-128.	3.1	15
13	New tricks for old NODs. Genome Biology, 2008, 9, 217.	13.9	1
14	Developments in the scientific and clinical understanding of gout. Arthritis Research and Therapy, 2008, 10, 221.	1.6	83
16	Fish immunity and parasite infections: from innate immunity to immunoprophylactic prospects. Veterinary Immunology and Immunopathology, 2008, 126, 171-198.	0.5	324
17	Transcriptomic analysis of responses to infectious salmon anemia virus infection in macrophage-like cells. Virus Research, 2008, 136, 65-74.	1.1	49
18	The Caspase-1 Inflammasome: A Pilot of Innate Immune Responses. Cell Host and Microbe, 2008, 4, 198-208.	5.1	195
19	Molecular regulation of inflammation and cell death. Cytokine, 2008, 43, 380-390.	1.4	46

#	Article	IF	Citations
20	Critical function for Naip5 in inflammasome activation by a conserved carboxy-terminal domain of flagellin. Nature Immunology, 2008, 9, 1171-1178.	7.0	428
22	Cutting Edge: Alum Adjuvant Stimulates Inflammatory Dendritic Cells through Activation of the NALP3 Inflammasome. Journal of Immunology, 2008, 181, 3755-3759.	0.4	548
23	The Nalp3 inflammasome is essential for the development of silicosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9035-9040.	3.3	765
24	Yellow fever vaccine induces integrated multilineage and polyfunctional immune responses. Journal of Experimental Medicine, 2008, 205, 3119-3131.	4.2	531
25	CD40L+ CD4+ memory T cells migrate in a CD62P-dependent fashion into reactive lymph nodes and license dendritic cells for T cell priming. Journal of Experimental Medicine, 2008, 205, 2561-2574.	4.2	64
26	Inflammation and Cardiovascular Disease. Circulation, 2008, 117, 2577-2579.	1.6	143
27	Nod2-Dependent Th2 Polarization of Antigen-Specific Immunity. Journal of Immunology, 2008, 181, 7925-7935.	0.4	166
28	Evidence of the involvement of caspase-1 under physiologic and pathologic cellular stress during human pregnancy: A link between the inflammasome and parturition. Journal of Maternal-Fetal and Neonatal Medicine, 2008, 21, 605-616.	0.7	98
29	Type IV Secretion-Dependent Activation of Host MAP Kinases Induces an Increased Proinflammatory Cytokine Response to Legionella pneumophila. PLoS Pathogens, 2008, 4, e1000220.	2.1	114
30	Active Caspase-1-Mediated Secretion of Retinoic Acid Inducible Gene-I. Journal of Immunology, 2008, 181, 7324-7331.	0.4	17
31	Macrophage Proinflammatory Response to <i>Francisella tularensis</i> Live Vaccine Strain Requires Coordination of Multiple Signaling Pathways. Journal of Immunology, 2008, 180, 6885-6891.	0.4	78
33	Dendritic cell subtypes as primary targets of vaccines: the emerging role and cross-talk of pattern recognition receptors. Biological Chemistry, 2008, 389, 469-85.	1.2	58
34	From innate to adaptive immune responses in contact hypersensitivity. Current Opinion in Allergy and Clinical Immunology, 2008, 8, 289-293.	1.1	67
35	Multiple Nod-Like Receptors Activate Caspase 1 during <i>Listeria monocytogenes</i> Infection. Journal of Immunology, 2008, 180, 7558-7564.	0.4	162
37	Editorial: T cell effector responses to drugs. Current Opinion in Allergy and Clinical Immunology, 2008, 8, 287-288.	1.1	0
38	DNA sensors in innate immune system. Uirusu, 2008, 58, 37-46.	0.1	13
40	Endothelial Injury, Alarmins, and Allog raft Rejection. Critical Reviews in Immunology, 2008, 28, 229-248.	1.0	41
41	Leukocyte Motility and Human Disease. Translational Research in Biomedicine, 2009, , 28-39.	0.4	0

#	Article	IF	Citations
43	Gout. Deutsches A& #x0308; rzteblatt International, 2009, 106, 549-55.	0.6	71
44	Neuroimmune mechanisms in postoperative ileus. Gut, 2009, 58, 1300-1311.	6.1	276
45	Inflammatory Role of ASC in Antigen-Induced Arthritis Is Independent of Caspase-1, NALP-3, and IPAF. Journal of Immunology, 2009, 183, 4003-4012.	0.4	73
46	Glut9 is a major regulator of urate homeostasis and its genetic inactivation induces hyperuricosuria and urate nephropathy. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15501-15506.	3.3	214
47	Alum Induces Innate Immune Responses through Macrophage and Mast Cell Sensors, But These Sensors Are Not Required for Alum to Act As an Adjuvant for Specific Immunity. Journal of Immunology, 2009, 183, 4403-4414.	0.4	359
48	The RD1 Locus in the <i>Mycobacterium tuberculosis</i> Genome Contributes to Activation of Caspase-1 via Induction of Potassium Ion Efflux in Infected Macrophages. Infection and Immunity, 2009, 77, 3992-4001.	1.0	56
49	Trichothecene Mycotoxins Activate Inflammatory Response in Human Macrophages. Journal of Immunology, 2009, 182, 6418-6425.	0.4	75
50	Pathogen-Induced Interleukin- $\hat{\Pi}^2$ Processing and Secretion Is Regulated by a Biphasic Redox Response. Journal of Immunology, 2009, 183, 1456-1462.	0.4	93
51	Cutting Edge: TNF-α Mediates Sensitization to ATP and Silica via the NLRP3 Inflammasome in the Absence of Microbial Stimulation. Journal of Immunology, 2009, 183, 792-796.	0.4	480
52	Tumor Progression Locus 2 (Map3k8) Is Critical for Host Defense against <i>Listeria monocytogenes</i> and IL-11² Production. Journal of Immunology, 2009, 183, 7984-7993.	0.4	94
53	Crystal Structure of Procaspase-1 Zymogen Domain Reveals Insight into Inflammatory Caspase Autoactivation. Journal of Biological Chemistry, 2009, 284, 6546-6553.	1.6	74
54	Actin and RIG-I/MAVS Signaling Components Translocate to Mitochondria upon Influenza A Virus Infection of Human Primary Macrophages. Journal of Immunology, 2009, 182, 5682-5692.	0.4	81
55	Pure Hemozoin Is Inflammatory In Vivo and Activates the NALP3 Inflammasome via Release of Uric Acid. Journal of Immunology, 2009, 183, 5208-5220.	0.4	157
56	Mitochondrial Antiviral Signaling Protein Plays a Major Role in Induction of the Fish Innate Immune Response against RNA and DNA Viruses. Journal of Virology, 2009, 83, 7815-7827.	1.5	233
57	Using in vivo zebrafish models to understand the biochemical basis of neutrophilic respiratory disease. Biochemical Society Transactions, 2009, 37, 830-837.	1.6	39
58	Protective immunity to influenza: lessons from the virus for successful vaccine design. Expert Review of Vaccines, 2009, 8, 689-693.	2.0	5
59	Structure of the Fas/FADD complex: A conditional death domain complex mediating signaling by receptor clustering. Cell Cycle, 2009, 8, 2723-2727.	1.3	31
60	The Role of Interleukin-1β in Murine Cigarette Smoke–Induced Emphysema and Small Airway Remodeling. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 482-490.	1.4	176

#	ARTICLE	IF	CITATIONS
61	A Rapid Crosstalk of Human $\hat{l}^3\hat{l}$ T Cells and Monocytes Drives the Acute Inflammation in Bacterial Infections. PLoS Pathogens, 2009, 5, e1000308.	2.1	114
62	Co-Regulation of NF-κB and Inflammasome-Mediated Inflammatory Responses by Myxoma Virus Pyrin Domain-Containing Protein M013. PLoS Pathogens, 2009, 5, e1000635.	2.1	60
63	Innate Immune Sensing of Modified Vaccinia Virus Ankara (MVA) Is Mediated by TLR2-TLR6, MDA-5 and the NALP3 Inflammasome. PLoS Pathogens, 2009, 5, e1000480.	2.1	285
64	Gender differences in expression of the human caspase-12 long variant determines susceptibility to <i>Listeria monocytogenes</i> infection. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9016-9020.	3.3	53
65	Salmonella Typhimurium Type III Secretion Effectors Stimulate Innate Immune Responses in Cultured Epithelial Cells. PLoS Pathogens, 2009, 5, e1000538.	2.1	177
66	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
67	NOD1 Expression in the Eye and Functional Contribution to IL- $1\hat{l}^2\hat{a}$ © Dependent Ocular Inflammation in Mice. , 2009, 50, 1746.		33
68	Association of Novel Genetic Loci With Circulating Fibrinogen Levels. Circulation: Cardiovascular Genetics, 2009, 2, 125-133.	5.1	86
69	Anthrax Lethal Toxin Triggers the Formation of a Membrane-Associated Inflammasome Complex in Murine Macrophages. Infection and Immunity, 2009, 77, 1262-1271.	1.0	75
70	Pro-interleukin (IL)- $1\hat{l}^2$ Shares a Core Region of Stability as Compared with Mature IL- $1\hat{l}^2$ While Maintaining a Distinctly Different Configurational Landscape. Journal of Biological Chemistry, 2009, 284, 26137-26148.	1.6	24
71	The NALP1 inflammasome controls cytokine production and nociception in a rat fracture model of complex regional pain syndrome. Pain, 2009, 147, 277-286.	2.0	65
72	Molecular mechanisms involved in inflammasome activation. Trends in Cell Biology, 2009, 19, 455-464.	3.6	310
73	The path to a successful vaccine adjuvant – †The long and winding road'. Drug Discovery Today, 2009, 14, 541-551.	3.2	234
74	Autophagy, antiviral immunity, and viral countermeasures. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1478-1484.	1.9	106
75	Transcriptional and inflammasomeâ€mediated pathways for the induction of ILâ€1β production by <i>Mycobacterium tuberculosis</i> European Journal of Immunology, 2009, 39, 1914-1922.	1.6	75
76	Kinetic properties of ASC protein aggregation in epithelial cells. Journal of Cellular Physiology, 2010, 222, 738-747.	2.0	45
77	Soluble and particulate Coâ€Crâ€Mo alloy implant metals activate the inflammasome danger signaling pathway in human macrophages: A novel mechanism for implant debris reactivity. Journal of Orthopaedic Research, 2009, 27, 847-854.	1.2	220
78	Cell death during sepsis: integration of disintegration in the inflammatory response to overwhelming infection. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 509-521.	2.2	92

#	Article	IF	CITATIONS
79	Can't live without them, can live with them: roles of caspases during vital cellular processes. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 980-995.	2.2	112
80	A Mutation in the Nlrp3 Gene Causing Inflammasome Hyperactivation Potentiates Th17 Cell-Dominant Immune Responses. Immunity, 2009, 30, 860-874.	6.6	331
81	Innate immune recognition of nucleic acids. Immunologic Research, 2009, 43, 98-108.	1.3	21
83	Age-related macular degeneration: activation of innate immunity system via pattern recognition receptors. Journal of Molecular Medicine, 2009, 87, 117-123.	1.7	70
84	Endosomal processing for antigen presentation mediated by CD1 and Class I major histocompatibility complex: roads to display or destruction. Immunology, 2009, 127, 163-170.	2.0	18
85	The danger within: endogenous danger signals, atopy and asthma. Clinical and Experimental Allergy, 2009, 39, 12-19.	1.4	140
86	Expression and regulation of the NALP3 inflammasome complex in periodontal diseases. Clinical and Experimental Immunology, 2009, 157, 415-422.	1.1	138
87	The Fas–FADD death domain complex structure unravels signalling by receptor clustering. Nature, 2009, 457, 1019-1022.	13.7	316
88	AIM2 activates the inflammasome and cell death in response to cytoplasmic DNA. Nature, 2009, 458, 509-513.	13.7	1,548
89	Common variants in the NLRP3 region contribute to Crohn's disease susceptibility. Nature Genetics, 2009, 41, 71-76.	9.4	448
90	An orthogonal proteomic-genomic screen identifies AIM2 as a cytoplasmic DNA sensor for the inflammasome. Nature Immunology, 2009, 10, 266-272.	7.0	935
91	Autophagy genes in immunity. Nature Immunology, 2009, 10, 461-470.	7.0	401
92	Activation of the NLRP3 inflammasome in dendritic cells induces IL-1β–dependent adaptive immunity against tumors. Nature Medicine, 2009, 15, 1170-1178.	15.2	1,614
93	Unleashing the therapeutic potential of NOD-like receptors. Nature Reviews Drug Discovery, 2009, 8, 465-479.	21.5	184
94	Targeting innate immunity protein kinase signalling in inflammation. Nature Reviews Drug Discovery, 2009, 8, 480-499.	21.5	307
95	Scaffold proteins and immune-cell signalling. Nature Reviews Immunology, 2009, 9, 47-56.	10.6	185
96	Mechanisms of regulated unconventional protein secretion. Nature Reviews Molecular Cell Biology, 2009, 10, 148-155.	16.1	591
97	Function of Nodâ€like receptors in microbial recognition and host defense. Immunological Reviews, 2009, 227, 106-128.	2.8	727

#	Article	IF	Citations
98	Structure and regulation of cytoplasmic adapter proteins involved in innate immune signaling. Immunological Reviews, 2009, 227, 161-175.	2.8	31
99	Crosstalk between components of the innate immune system: promoting antiâ€microbial defenses and avoiding immunopathologies. Immunological Reviews, 2009, 227, 129-149.	2.8	64
100	Innate immunity to virus infection. Immunological Reviews, 2009, 227, 75-86.	2.8	1,053
101	PEST family phosphatases in immunity, autoimmunity, and autoinflammatory disorders. Immunological Reviews, 2009, 228, 312-324.	2.8	104
102	Mannoseâ€binding lectin and innate immunity. Immunological Reviews, 2009, 230, 9-21.	2.8	368
103	Innate recognition of intracellular pathogens: detection and activation of the first line of defense. Apmis, 2009, 117, 323-337.	0.9	83
104	Blocking Interleukinâ€1 in Rheumatic Diseases. Annals of the New York Academy of Sciences, 2009, 1182, 111-123.	1.8	89
105	Human Th17 cells in infection and autoimmunity. Microbes and Infection, 2009, 11, 620-624.	1.0	81
106	Immunology of TLR-independent vaccine adjuvants. Current Opinion in Immunology, 2009, 21, 339-345.	2.4	107
107	Biglycan, a Danger Signal That Activates the NLRP3 Inflammasome via Toll-like and P2X Receptors. Journal of Biological Chemistry, 2009, 284, 24035-24048.	1.6	407
108	DAMPs and inflammatory processes: the role of redox in the different outcomes. Journal of Leukocyte Biology, 2009, 86, 549-555.	1.5	96
109	TLRs and innate immunity. Blood, 2009, 113, 1399-1407.	0.6	715
110	Learning Tolerance while Fighting Ignorance. Cell, 2009, 138, 416-420.	13.5	125
111	Patterns of Pathogenesis: Discrimination of Pathogenic and Nonpathogenic Microbes by the Innate Immune System. Cell Host and Microbe, 2009, 6, 10-21.	5.1	445
112	The Transcellular Spread of Cytosolic Amyloids, Prions, and Prionoids. Neuron, 2009, 64, 783-790.	3.8	414
113	The innate immune response to DNA. Seminars in Immunology, 2009, 21, 208-214.	2.7	68
114	Toll-like receptors (TLRs) and Nod-like receptors (NLRs) in inflammatory disorders. Seminars in Immunology, 2009, 21, 242-253.	2.7	266
115	Inflammation in Alzheimer's disease: Amyloid- \hat{l}^2 oligomers trigger innate immunity defence via pattern recognition receptors. Progress in Neurobiology, 2009, 87, 181-194.	2.8	310

#	Article	IF	CITATIONS
116	Mechanisms of interleukin-1Î ² release. Immunobiology, 2009, 214, 543-553.	0.8	248
117	Interleukin-33 – cytokine of dual function or novel alarmin?. Trends in Immunology, 2009, 30, 227-233.	2.9	273
118	Associations of functional NLRP3 polymorphisms with susceptibility to food-induced anaphylaxis and aspirin-induced asthma. Journal of Allergy and Clinical Immunology, 2009, 124, 779-785.e6.	1.5	167
119	Autoinflammation: The prominent role of IL-1 in monogenic autoinflammatory diseases and implications for common illnesses. Journal of Allergy and Clinical Immunology, 2009, 124, 1141-1149.	1.5	129
120	Asbestos-induced lung diseases: an update. Translational Research, 2009, 153, 143-152.	2.2	205
121	Signaling at Purinergic P2X Receptors. Annual Review of Physiology, 2009, 71, 333-359.	5.6	498
122	An Autoinflammatory Disease with Deficiency of the Interleukin-1–Receptor Antagonist. New England Journal of Medicine, 2009, 360, 2426-2437.	13.9	892
123	Regulatory mechanisms of immune responses to intestinal bacteria. Mucosal Immunology, 2009, 2, 187-196.	2.7	93
124	Pathogen recognition in the innate immune response. Biochemical Journal, 2009, 420, 1-16.	1.7	497
125	Intracellular Innate Immune Cascades and Interferon Defenses That Control Hepatitis C Virus. Journal of Interferon and Cytokine Research, 2009, 29, 489-498.	0.5	87
126	Sensors of the innate immune system: their mode of action. Nature Reviews Rheumatology, 2009, 5, 448-456.	3.5	105
127	Genome-wide association analysis of susceptibility and clinical phenotype in multiple sclerosis. Human Molecular Genetics, 2009, 18, 767-778.	1.4	419
128	Targeting caspases in intracellular protozoan infections. Immunopharmacology and Immunotoxicology, 2009, 31, 159-173.	1.1	15
129	Activation of the Nlrp3 Inflammasome by <i>Streptococcus pyogenes</i> Requires Streptolysin O and NF-κB Activation but Proceeds Independently of TLR Signaling and P2X7 Receptor. Journal of Immunology, 2009, 183, 5823-5829.	0.4	201
130	The Interferon System and Vaccinia Virus Evasion Mechanisms. Journal of Interferon and Cytokine Research, 2009, 29, 581-598.	0.5	141
131	The P2X7 receptor and intracellular pathogens: a continuing struggle. Purinergic Signalling, 2009, 5, 197-204.	1.1	52
132	Dendritic cell altered states: what role for calcium?. Immunological Reviews, 2009, 231, 278-288.	2.8	42
133	Two-state selection of conformation-specific antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3071-3076.	3.3	82

#	ARTICLE	IF	Citations
134	Immunomodulatory Effect of Cytosine-Phosphate-Guanosine (CPG)-Oligonucleotides in Nonasthmatic Chronic Rhinosinusitis: An Explant Model. American Journal of Rhinology and Allergy, 2009, 23, 123-129.	1.0	18
135	Role of the Innate Immune System in the Pathogenesis of Inflammatory Bowel Disease. Journal of Pediatric Gastroenterology and Nutrition, 2009, 48, 142-151.	0.9	37
136	A New Approach to the Inflammatory/Autoimmune Diseases. Recent Patents on Anti-infective Drug Discovery, 2009, 4, 108-113.	0.5	15
137	Two Key Challenges for Effective Adenovirus-Mediated Liver Gene Therapy:Innate Immune Responses and Hepatocyte-Specific Transduction. Current Gene Therapy, 2009, 9, 115-127.	0.9	47
138	Interleukin-18, From Neuroinflammation to Alzheimers Disease. Current Pharmaceutical Design, 2010, 16, 4213-4224.	0.9	80
139	Memory and Effector CD8 T-cell Responses After Nanoparticle Vaccination of Melanoma Patients. Journal of Immunotherapy, 2010, 33, 848-858.	1.2	131
140	Interleukin-1, inflammasomes and the skin. European Journal of Cell Biology, 2010, 89, 638-644.	1.6	128
141	ATP and the pathogenesis of COPD. European Journal of Pharmacology, 2010, 638, 1-4.	1.7	62
142	Inflammasome signaling at the heart of central nervous system pathology. Journal of Neuroscience Research, 2010, 88, 1615-1631.	1.3	163
143	The effect of surface modification of amorphous silica particles on NLRP3 inflammasome mediated IL- $1\hat{l}^2$ production, ROS production and endosomal rupture. Biomaterials, 2010, 31, 6833-6842.	5.7	136
144	The expression and function of Nodâ€like receptors in neutrophils. Immunology, 2010, 130, 55-63.	2.0	77
145	Studies of the molecular mechanism of caspase-8 activation by solution NMR. Cell Death and Differentiation, 2010, 17, 710-718.	5.0	39
146	CD36 ligands promote sterile inflammation through assembly of a Toll-like receptor 4 and 6 heterodimer. Nature Immunology, 2010, 11, 155-161.	7.0	1,255
147	NOD2 stimulation induces autophagy in dendritic cells influencing bacterial handling and antigen presentation. Nature Medicine, 2010, 16, 90-97.	15.2	926
148	ATP-dependent activation of an inflammasome in primary gingival epithelial cells infected by <i>Porphyromonas gingivalis </i> . Cellular Microbiology, 2010, 12, 188-198.	1.1	136
149	Rilonacept in the management of cryopyrin-associated periodic syndromes (CAPS). Journal of Inflammation Research, 2010, 3, 1.	1.6	35
150	Thymic Alterations in GM2 Gangliosidoses Model Mice. PLoS ONE, 2010, 5, e12105.	1.1	11
151	Telling apart friend from foe: discriminating between commensals and pathogens at mucosal sites. Innate Immunity, 2010, 16, 391-404.	1.1	27

#	ARTICLE	IF	Citations
152	Conidia but Not Yeast Cells of the Fungal Pathogen <i>Histoplasma capsulatum</i> Trigger a Type I Interferon Innate Immune Response in Murine Macrophages. Infection and Immunity, 2010, 78, 3871-3882.	1.0	40
153	Novel insights into molecular mechanisms of abruption-induced preterm birth. Expert Reviews in Molecular Medicine, 2010, 12, e35.	1.6	43
154	Inflammation in Peritoneal Dialysis. Nephron Clinical Practice, 2010, 116, c11-c18.	2.3	56
155	CARD8 p.C10X polymorphism is associated with inflammatory activity in early rheumatoid arthritis. Annals of the Rheumatic Diseases, 2010, 69, 723-726.	0.5	66
156	Three-dimensional Structure of the NLRP7 Pyrin Domain. Journal of Biological Chemistry, 2010, 285, 27402-27410.	1.6	53
157	Pathogenic and Epiphenomenal Anti-DNA Antibodies in SLE. Autoimmune Diseases, 2010, 2010, 1-18.	2.7	25
158	P2X7 Receptor-Mediated Release of Cathepsins from Macrophages Is a Cytokine-Independent Mechanism Potentially Involved in Joint Diseases. Journal of Immunology, 2010, 185, 2611-2619.	0.4	99
159	An Inflammasome-Independent Role for Epithelial-Expressed Nlrp3 in Renal Ischemia-Reperfusion Injury. Journal of Immunology, 2010, 185, 6277-6285.	0.4	212
160	A Novel Effect of Growth Hormone on Macrophage Modulates Macrophage-Dependent Adipocyte Differentiation. Endocrinology, 2010, 151, 2189-2199.	1.4	58
161	Airborne Asian sand dust enhances murine lung eosinophilia. Inhalation Toxicology, 2010, 22, 1012-1025.	0.8	40
162	Inflammatory Stimuli Regulate Caspase Substrate Profiles. Molecular and Cellular Proteomics, 2010, 9, 880-893.	2.5	172
163	Anti-inflammatory Compounds Parthenolide and Bay 11-7082 Are Direct Inhibitors of the Inflammasome. Journal of Biological Chemistry, 2010, 285, 9792-9802.	1.6	493
164	IL-1-induced inflammation promotes development of leishmaniasis in susceptible BALB/c mice. International Immunology, 2010, 22, 245-257.	1.8	58
165	Phagosomal retention of <i>Francisella tularensis</i> results in TIRAP/Mal-independent TLR2 signaling. Journal of Leukocyte Biology, 2009, 87, 275-281.	1.5	35
166	Caspase-1 Activation via Rho GTPases: A Common Theme in Mucosal Infections?. PLoS Pathogens, 2010, 6, e1000795.	2.1	12
167	The Inflammasome, an Innate Immunity Guardian, Participates in Skin Urticarial Reactions and Contact Hypersensitivity. Allergology International, 2010, 59, 105-113.	1.4	22
168	Buying Timeâ€"The Immune System Determinants of the Incubation Period to Respiratory Viruses. Viruses, 2010, 2, 2541-2558.	1.5	26
169	TLR4 Ligands Augment Antigen-Specific CD8 + T Lymphocyte Responses Elicited by a Viral Vaccine Vector. Journal of Virology, 2010, 84, 10413-10419.	1.5	29

#	Article	IF	CITATIONS
170	Enfermedades Autoinflamatorias. Revista Colombiana De ReumatologÃa, 2010, 17, 86-95.	0.0	0
171	The Role of Proteomics in the Diagnosis of Chorioamnionitis and Early-Onset Neonatal Sepsis. Clinics in Perinatology, 2010, 37, 355-374.	0.8	35
172	Genetic predisposition (NLRP3 V198M mutation) for IL-1–mediated inflammation in a patient with Schnitzler syndrome. Journal of Allergy and Clinical Immunology, 2010, 125, 500-502.	1.5	64
173	Clavulanic acid can be the component in amoxicillin-clavulanic acid responsible for immediate hypersensitivity reactions. Journal of Allergy and Clinical Immunology, 2010, 125, 502-505.e2.	1.5	127
174	Uric acid transport and disease. Journal of Clinical Investigation, 2010, 120, 1791-1799.	3.9	601
175	Hepatitis C virus infection: A "liaison a trois―amongst the virus, the host, and chronic low-level inflammation for human survival. Journal of Hepatology, 2010, 53, 752-761.	1.8	26
176	Crystal Structure of the Caenorhabditis elegans Apoptosome Reveals an Octameric Assembly of CED-4. Cell, 2010, 141, 446-457.	13.5	154
177	Staphylococcus aureus Evades Lysozyme-Based Peptidoglycan Digestion that Links Phagocytosis, Inflammasome Activation, and IL- $1\hat{l}^2$ Secretion. Cell Host and Microbe, 2010, 7, 38-49.	5.1	239
178	The Inflammasome-Mediated Caspase-1 Activation Controls Adipocyte Differentiation and Insulin Sensitivity. Cell Metabolism, 2010, 12, 593-605.	7.2	558
179	How Tolerogenic Dendritic Cells Induce Regulatory T Cells. Advances in Immunology, 2010, 108, 111-165.	1.1	468
180	Interferon-Inducible p200-Family Proteins as Novel Sensors of Cytoplasmic DNA: Role in Inflammation and Autoimmunity. Journal of Interferon and Cytokine Research, 2010, 30, 371-380.	0.5	98
181	Meta-Analysis of Genome-Wide Association Studies in >80 000 Subjects Identifies Multiple Loci for C-Reactive Protein Levels. Circulation, 2011, 123, 731-738.	1.6	461
182	Regulation of Caspases in the Nervous System. Progress in Molecular Biology and Translational Science, 2011, 99, 265-305.	0.9	50
183	Inhibition of caspase-1 activation in gram-negative sepsis and experimental endotoxemia. Critical Care, 2011, 15, R27.	2.5	61
184	Gene Silencing of NALP3 Protects Against Liver Ischemia–Reperfusion Injury in Mice. Human Gene Therapy, 2011, 22, 853-864.	1.4	117
185	Uric acid and HMGB1 are involved in the induction of autoantibodies elicited in mice infected with mouse hepatitis virus A59. Autoimmunity, 2011, 44, 631-640.	1.2	8
186	The Innate Response to Biomaterials. , 2011, , 27-36.		0
187	Homeostatic defects in interleukin 18â€deficient mice contribute to protection against the lethal effects of endotoxin. Immunology and Cell Biology, 2011, 89, 739-746.	1.0	17

#	Article	IF	CITATIONS
188	Transcriptomic profile of host response in Japanese encephalitis virus infection. Virology Journal, 2011, 8, 92.	1.4	50
189	Implant Debris: Clinical Data and Relevance. , 2011, , 97-107.		3
190	Structural and Functional Analysis of a Plant Resistance Protein TIR Domain Reveals Interfaces for Self-Association, Signaling, and Autoregulation. Cell Host and Microbe, 2011, 9, 200-211.	5.1	301
191	Cigarette smoke induces the release of CXCL-8 from human bronchial epithelial cells via TLRs and induction of the inflammasome. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1104-1110.	1.8	75
192	Orchestrating house dust mite-associated allergy in the lung. Trends in Immunology, 2011, 32, 402-411.	2.9	354
193	The NLRP12 Pyrin Domain: Structure, Dynamics, and Functional Insights. Journal of Molecular Biology, 2011, 413, 790-803.	2.0	57
194	Natural products and the search for novel vaccine adjuvants. Vaccine, 2011, 29, 6464-6471.	1.7	48
195	Progress in understanding adjuvant immunotoxicity mechanisms. Toxicology Letters, 2011, 203, 97-105.	0.4	125
196	Host–Pathogen Interactions. , 0, , 372-388.		0
197	Th17 Cells and Activated Dendritic Cells Are Increased in Vitiligo Lesions. PLoS ONE, 2011, 6, e18907.	1.1	127
198	Toll-Like Receptors (TLRs) in Innate Immune Defense Against <i>Staphylococcus Aureus</i> International Journal of Artificial Organs, 2011, 34, 799-810.	0.7	64
199	Interactions Between Microbes and the Gut Epithelium. Journal of Clinical Gastroenterology, 2011, 45, S111-S114.	1.1	14
200	Basic Science for the Clinician 51. Journal of Clinical Rheumatology, 2011, 17, 338-342.	0.5	0
202	Autophagy modulates the Mycobacterium tuberculosis-induced cytokine response. Immunology, 2011, 134, 341-348.	2.0	7 3
203	Colchicine inhibits cationic dye uptake induced by ATP in P2X2 and P2X7 receptorâ€expressing cells: implications for its therapeutic action. British Journal of Pharmacology, 2011, 163, 912-926.	2.7	107
204	Streptococcus sanguinis induces foam cell formation and cell death of macrophages in association with production of reactive oxygen species. FEMS Microbiology Letters, 2011, 323, 164-170.	0.7	24
205	Innate immune mechanisms of colitis and colitis-associated colorectal cancer. Nature Reviews Immunology, 2011, 11, 9-20.	10.6	345
206	Macrophage-mediated inflammation in metabolic disease. Nature Reviews Immunology, 2011, 11, 738-749.	10.6	1,102

#	Article	IF	CITATIONS
208	RAGE against the self. Clinical Immunology, 2011, 141, 1-2.	1.4	0
209	NLRP3 inflammasome plays a key role in the regulation of intestinal homeostasis. Inflammatory Bowel Diseases, 2011, 17, 1359-1372.	0.9	366
210	Discovery and Characterization of 2-Aminobenzimidazole Derivatives as Selective NOD1 Inhibitors. Chemistry and Biology, 2011, 18, 825-832.	6.2	50
211	Innate immune DNA sensing pathways: STING, AIMII and the regulation of interferon production and inflammatory responses. Current Opinion in Immunology, 2011, 23, 10-20.	2.4	222
212	Sodium Overload and Water Influx Activate the NALP3 Inflammasome. Journal of Biological Chemistry, 2011, 286, 35-41.	1.6	162
213	Adenovirus Membrane Penetration Activates the NLRP3 Inflammasome. Journal of Virology, 2011, 85, 146-155.	1.5	151
214	Role of IL-1Â and the Nlrp3/caspase-1/IL-1Â axis in cigarette smoke-induced pulmonary inflammation and COPD. European Respiratory Journal, 2011, 38, 1019-1028.	3.1	221
215	Role of interleukin-18 in intrahepatic inflammatory cell recruitment in acute liver injury. Journal of Leukocyte Biology, 2010, 89, 433-442.	1.5	12
216	IL-23-dependent and -independent enhancement pathways of IL-17A production by lactic acid. International Immunology, 2011, 23, 29-41.	1.8	82
217	Decreased CXCR3 Expression in CD4+T Cells Exposed to Asbestos or Derived from Asbestos-Exposed Patients. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 795-803.	1.4	47
218	Caspase-1–Processed Cytokines IL-1β and IL-18 Promote IL-17 Production by γÎ′ and CD4 T Cells That Mediate Autoimmunity. Journal of Immunology, 2011, 186, 5738-5748.	0.4	304
219	The dectin-1/inflammasome pathway is responsible for the induction of protective T-helper 17 responses that discriminate between yeasts and hyphae of <i>Candida albicans </i> Leukocyte Biology, 2011, 90, 357-366.	1.5	169
220	Caspase-1 Activation of Interleukin- $1\hat{1}^2$ (IL- $1\hat{1}^2$) and IL-18 Is Dispensable for Induction of Experimental Cerebral Malaria. Infection and Immunity, 2011, 79, 3633-3641.	1.0	57
221	Protein kinase A regulates caspase-1 via Ets-1 in bone stromal cell-derived lesions: a link between cyclic AMP and pro-inflammatory pathways in osteoblast progenitors. Human Molecular Genetics, 2011, 20, 165-175.	1.4	31
222	Role of Mutagenicity in Asbestos Fiber-Induced Carcinogenicity and Other Diseases. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2011, 14, 179-245.	2.9	132
223	Caspase-2: the orphan caspase. Cell Death and Differentiation, 2012, 19, 51-57.	5.0	104
224	Roles of NOD1 (NLRC1) and NOD2 (NLRC2) in innate immunity and inflammatory diseases. Bioscience Reports, 2012, 32, 597-608.	1,1	138
225	Disease Severity in Patients Infected with Leishmania mexicana Relates to IL- $1\hat{l}^2$. PLoS Neglected Tropical Diseases, 2012, 6, e1533.	1.3	57

#	ARTICLE	IF	CITATIONS
226	Cryopyrin-associated Periodic Syndrome: A Case Report and Review of the Japanese Literature. Acta Dermato-Venereologica, 2012, 92, 395-398.	0.6	13
227	The ATP-P2X7 Signaling Axis Is Dispensable for Obesity-Associated Inflammasome Activation in Adipose Tissue. Diabetes, 2012, 61, 1471-1478.	0.3	62
228	Activation of innate immune defense mechanisms contributes to polyomavirus BK-associated nephropathy. Kidney International, 2012, 81, 100-111.	2.6	32
229	Immunotherapeutic applications of IL-18. Immunotherapy, 2012, 4, 1883-1894.	1.0	21
230	Connecting Type 1 and Type 2 Diabetes through Innate Immunity. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a007724-a007724.	2.9	151
231	Transient P2X7 Receptor Activation Triggers Macrophage Death Independent of Toll-like Receptors 2 and 4, Caspase-1, and Pannexin-1 Proteins. Journal of Biological Chemistry, 2012, 287, 10650-10663.	1.6	62
232	Inflammasome Signaling in Pathogenesis of Lung Diseases. Current Pharmaceutical Design, 2012, 18, 2320-2328.	0.9	17
233	PTU-117â€Analysis of the incidental diagnosis of inflammatory bowel disease made during the Scottish Bowel Cancer Screening Programme: Abstract PTU-117 Table 1. Gut, 2012, 61, A233.1-A233.	6.1	0
234	PTU-116â€Expression of NLRP3 inflammasome proteins in normal and Crohn's disease colon: Abstract PTU-116 Table 1. Gut, 2012, 61, A232.3-A233.	6.1	0
235	The Mechanism of Adjuvanticity of Aluminium-Containing Formulas. Current Pharmaceutical Design, 2012, 18, 2305-2313.	0.9	9
236	PTU-118â€A diagnostic accuracy meta-analysis of endoanal ultrasound and MRI for perianal fistula assessment. Gut, 2012, 61, A233.2-A234.	6.1	2
237	Inflammation links excess fat to insulin resistance: the role of the interleukinâ€1 family. Immunological Reviews, 2012, 249, 239-252.	2.8	158
238	Autoinflammation and autoimmunity: Bridging the divide. Autoimmunity Reviews, 2012, 12, 22-30.	2.5	178
239	How not to miss autoinflammatory diseases masquerading as urticaria. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 1465-1474.	2.7	74
240	Oncolytic Adenoviruses for Cancer Immunotherapy. Advances in Cancer Research, 2012, 115, 265-318.	1.9	61
241	Identification of Specific Tethered Inhibitors for Caspaseâ€5. Chemical Biology and Drug Design, 2012, 79, 209-215.	1.5	15
242	Sensing Adenovirus Infection: Activation of Interferon Regulatory Factor 3 in RAW 264.7 Cells. Journal of Virology, 2012, 86, 4527-4537.	1.5	55
243	Structural and Functional Analysis of the NLRP4 Pyrin Domain. Biochemistry, 2012, 51, 7330-7341.	1.2	42

#	Article	IF	Citations
246	The cationic lipid, diC14 amidine, extends the adjuvant properties of aluminum salts through a TLR-4-and caspase-1-independent mechanism. Vaccine, 2012, 30, 414-424.	1.7	21
247	Overview of the mechanisms regulating chemokine activity and availability. Immunology Letters, 2012, 145, 2-9.	1.1	83
248	Oxidative stress activates NLRP3 inflammasomes in ARPE-19 cellsâ€"Implications for age-related macular degeneration (AMD). Immunology Letters, 2012, 147, 29-33.	1.1	193
249	atBioNet– an integrated network analysis tool for genomics and biomarker discovery. BMC Genomics, 2012, 13, 325.	1.2	33
250	Interleukin-1 beta: a potential link between stress and the development of visceral obesity. BMC Physiology, 2012, 12, 8.	3.6	45
251	The discovery of how gender influences age immunological mechanisms in health and disease, and the identification of ageing gender-specific biomarkers, could lead to specifically tailored treatment and ultimately improve therapeutic success rates. Immunity and Ageing, 2012, 9, 24.	1.8	17
252	Biochemical regulation of the inflammasome. Critical Reviews in Biochemistry and Molecular Biology, 2012, 47, 424-443.	2.3	114
253	NLRP3 promotes inflammationâ€induced skin cancer but is dispensable for asbestosâ€induced mesothelioma. Immunology and Cell Biology, 2012, 90, 983-986.	1.0	74
254	Extracellular ATP induces cell death in human intestinal epithelial cells. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1867-1878.	1.1	60
255	NLRP3 inflammasome activation in macrophage cell lines by prion protein fibrils as the source of IL- $1\hat{l}^2$ and neuronal toxicity. Cellular and Molecular Life Sciences, 2012, 69, 4215-4228.	2.4	83
256	NLRP3 Inflammasome: Key Mediator of Neuroinflammation in Murine Japanese Encephalitis. PLoS ONE, 2012, 7, e32270.	1.1	126
257	The Anti-Tumorigenic Mushroom Agaricus blazei Murill Enhances IL- $1\hat{1}^2$ Production and Activates the NLRP3 Inflammasome in Human Macrophages. PLoS ONE, 2012, 7, e41383.	1.1	14
258	The Ambiguity in Immunology. Frontiers in Immunology, 2012, 3, 18.	2.2	12
259	How Mycobacterium tuberculosis Manipulates Innate and Adaptive Immunity – New Views of an Old Topic. , 0, , .		5
260	Molecular Bases for Lung Development, Injury, and Repair., 2012, , 3-27.		2
261	Signaling Pathways that Regulate Life and Cell Death: Evolution of Apoptosis in the Context of Self-Defense. Advances in Experimental Medicine and Biology, 2012, 738, 124-143.	0.8	85
262	Targeting pattern recognition receptors in cancer immunotherapy. Targeted Oncology, 2012, 7, 29-54.	1.7	117
263	Effector functions of NLRs in the intestine: innate sensing, cell death, and disease. Immunologic Research, 2012, 54, 25-36.	1.3	30

#	Article	IF	CITATIONS
264	Orthopedic implant cobaltâ€alloy particles produce greater toxicity and inflammatory cytokines than titanium alloy and zirconium alloyâ€based particles ⟨i⟩in vitro⟨ i⟩, in human osteoblasts, fibroblasts, and macrophages. Journal of Biomedical Materials Research - Part A, 2012, 100A, 2147-2158.	2.1	99
265	Bone marrow–derived and synoviumâ€derived mesenchymal cells promote Th17 cell expansion and activation through caspase 1 activation: Contribution to the chronicity of rheumatoid arthritis. Arthritis and Rheumatism, 2012, 64, 2147-2157.	6.7	74
266	NLRP6 negatively regulates innate immunity and host defence against bacterial pathogens. Nature, 2012, 488, 389-393.	13.7	328
269	Explants of Intact Endometrium to Model Bovine Innate Immunity and Inflammation <i>Ex Vivo</i> American Journal of Reproductive Immunology, 2012, 67, 526-539.	1.2	69
270	Molecular mechanisms of retinal pigment epithelium damage and development of ageâ€related macular degeneration. Acta Ophthalmologica, 2012, 90, 299-309.	0.6	168
271	Receptor interacting protein-2 contributes to host defense against <i>Anaplasma phagocytophilum</i> i>infection. FEMS Immunology and Medical Microbiology, 2012, 66, 211-219.	2.7	24
272	Expression of NLRP3 inflammasome and T cell population markers in adipose tissue are associated with insulin resistance and impaired glucose metabolism in humans. Molecular Immunology, 2012, 50, 142-149.	1.0	98
273	Asian sand dust enhances murine lung inflammation caused by Klebsiella pneumoniae. Toxicology and Applied Pharmacology, 2012, 258, 237-247.	1.3	29
274	Efficacy and safety of the interleukinâ€1 antagonist rilonacept in <scp>S</scp> chnitzler syndrome: an openâ€label study. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 943-950.	2.7	110
275	Proteomic analysis of apoptotic and oncotic pancreatic acinar AR42J cells treated with caerulein. Molecular and Cellular Biochemistry, 2013, 382, 1-17.	1.4	16
276	The Inflammasome. Methods in Molecular Biology, 2013, , .	0.4	5
277	Mouse Models of Allergic Disease. Methods in Molecular Biology, 2013, , .	0.4	4
278	COX-2 expression in stromal fibroblasts self-limits their numbers in lymph node inflammatory responses. Prostaglandins and Other Lipid Mediators, 2013, 106, 79-90.	1.0	2
279	Correlation of AIM2 expression in peripheral blood mononuclear cells from humans with acute and chronic hepatitis B. Human Immunology, 2013, 74, 514-521.	1.2	30
280	Pathogenesis of acute stroke and the role of inflammasomes. Ageing Research Reviews, 2013, 12, 941-966.	5.0	275
281	Innate sensing of viruses by pattern recognition receptors in birds. Veterinary Research, 2013, 44, 82.	1.1	128
282	PAMPs and DAMPs in Allergy Exacerbation Models. Methods in Molecular Biology, 2013, 1032, 185-204.	0.4	3
283	Mitochondrial Reactive Oxygen Species Induces NLRP3-Dependent Lysosomal Damage and Inflammasome Activation. Journal of Immunology, 2013, 191, 5230-5238.	0.4	439

#	Article	IF	Citations
284	Chemotherapy-triggered cathepsin B release in myeloid-derived suppressor cells activates the Nlrp3 inflammasome and promotes tumor growth. Nature Medicine, 2013, 19, 57-64.	15.2	634
285	Advances in integrative nanomedicine for improving infectious disease treatment in public health. European Journal of Integrative Medicine, 2013, 5, 126-140.	0.8	53
286	Ultraviolet B induces high mobility group box 1 release from mouse peritoneal macrophages in vitro via caspase-1 mediated secretion pathway. Immunobiology, 2013, 218, 135-144.	0.8	9
287	Nalp3 inflammasome is activated and required for vascular smooth muscle cell calcification. International Journal of Cardiology, 2013, 168, 2242-2247.	0.8	88
288	The Nlrp3 inflammasome promotes myocardial dysfunction in structural cardiomyopathy through interleukinâ€1β. Experimental Physiology, 2013, 98, 462-472.	0.9	150
289	Orthopedic Applications., 2013,, 841-882.		11
290	Innate immune responses to DNA viruses. Protein and Cell, 2013, 4, 1-7.	4.8	30
291	Inhalation exposure of nano-scaled titanium dioxide (TiO ₂) particles alters the inflammatory responses in asthmatic mice. Inhalation Toxicology, 2013, 25, 179-191.	0.8	48
292	Efficient RNA virus control in <i>Drosophila</i> requires the RNA methyltransferase Dnmt2. EMBO Reports, 2013, 14, 269-275.	2.0	89
293	Clinical Guidelines and Definitions of Autoinflammatory Diseases: Contrasts and Comparisons with Autoimmunity—a Comprehensive Review. Clinical Reviews in Allergy and Immunology, 2013, 45, 227-235.	2.9	27
294	Novel paradigms of innate immune sensing of viral infections. Cytokine, 2013, 63, 219-224.	1.4	18
295	IL- \hat{l}^2 , RAGE and FABP4: targeting the dynamic trio in metabolic inflammation and related pathologies. Future Medicinal Chemistry, 2013, 5, 1089-1108.	1.1	37
296	Canakinumab in patients with cryopyrin-associated periodic syndrome: an update for clinicians. Therapeutic Advances in Musculoskeletal Disease, 2013, 5, 315-329.	1.2	46
297	Characterization of IL-18 Expression and Release in the Pathogenesis of Chronic Rhinosinusitis. International Archives of Allergy and Immunology, 2013, 160, 275-286.	0.9	13
298	Inflammation-Related Effects of Diesel Engine Exhaust Particles: Studies on Lung Cells <i>In Vitro</i> BioMed Research International, 2013, 2013, 1-13.	0.9	83
299	The P2X ₇ receptor–inflammasome complex has a role in modulating the inflammatory response in primary <scp>S</scp> j¶gren's syndrome. Journal of Internal Medicine, 2013, 274, 480-489.	2.7	74
300	Hirsutella sinensis mycelium suppresses interleukin- 1^2 and interleukin-18 secretion by inhibiting both canonical and non-canonical inflammasomes. Scientific Reports, 2013, 3, 1374.	1.6	36
301	Oligomeric amyloid β induces IL-1β processing via production of ROS: implication in Alzheimer's disease. Cell Death and Disease, 2013, 4, e975-e975.	2.7	186

#	Article	IF	CITATIONS
302	Host Innate Immune Responses to Microbial Pathogens. Current Vascular Pharmacology, 2013, 11, 123-132.	0.8	1
303	Particle platforms for cancer immunotherapy. International Journal of Nanomedicine, 2013, 8, 1683.	3.3	48
304	Adaptive network nanomedicine an integrated model for homeopathic medicine. Frontiers in Bioscience - Scholar, 2013, S5, 685-708.	0.8	48
305	Non-Apoptotic Toxicity of Pseudomonas aeruginosa toward Murine Cells. PLoS ONE, 2013, 8, e54245.	1.1	23
306	The Second Transmembrane Domain of P2X7 Contributes to Dilated Pore Formation. PLoS ONE, 2013, 8, e61886.	1.1	29
307	Potential Capacity of Aptamers to Trigger Immune Activation in Human Blood. PLoS ONE, 2013, 8, e68810.	1.1	42
308	Initial Immunopathogenesis of Multiple Sclerosis: Innate Immune Response. Clinical and Developmental Immunology, 2013, 2013, 1-15.	3.3	73
309	Neuroinflammation and Copper in Alzheimer's Disease. International Journal of Alzheimer's Disease, 2013, 2013, 1-12.	1.1	47
310	Inflammation in Peritoneal Dialysis. , 2013, , .		0
311	Role of mitochondria ROS generation in ethanol-induced NLRP3 inflammasome activation and cell death in astroglial cells. Frontiers in Cellular Neuroscience, 2014, 8, 216.	1.8	209
312	Characterization of Free and Porous Silicon-Encapsulated Superparamagnetic Iron Oxide Nanoparticles as Platforms for the Development of Theranostic Vaccines. Medical Sciences (Basel,) Tj ETQq0 0 0	rg B. B/Ove	erlogek 10 Tf 50
313	Macrophages sense and kill bacteria through carbon monoxide–dependent inflammasome activation. Journal of Clinical Investigation, 2014, 124, 4926-4940.	3.9	151
314	<scp>IL</scp> â€1β and <scp>IL</scp> â€18: inflammatory markers or mediators of hypertension?. British Journal of Pharmacology, 2014, 171, 5589-5602.	2.7	168
315	<i>cis</i> -Resveratrol produces anti-inflammatory effects by inhibiting canonical and non-canonical inflammasomes in macrophages. Innate Immunity, 2014, 20, 735-750.	1.1	43
316	Estrogen Receptor \hat{l}^2 Signaling Induces Autophagy and Downregulates Glut9 Expression. Nucleosides, Nucleotides and Nucleic Acids, 2014, 33, 455-465.	0.4	19
317	Production of IL- \hat{l}^2 by bone marrow-derived macrophages in response to chemotherapeutic drugs. Cancer Biology and Therapy, 2014, 15, 1395-1403.	1.5	45
318	Deregulation of the NLRP3 inflammasome in hepatic parenchymal cells during liver cancer progression. Laboratory Investigation, 2014, 94, 52-62.	1.7	226
319	AlM2 Mediates Inflammation-Associated Renal Damage in Hepatitis B Virus-Associated Glomerulonephritis by Regulating Caspase-1, IL-1 <i>\hat{l}^2</i> , and IL-18. Mediators of Inflammation, 2014, 2014, 1-9.	1.4	54

#	Article	IF	CITATIONS
320	The Pathology of Orthopedic Implant Failure Is Mediated by Innate Immune System Cytokines. Mediators of Inflammation, 2014, 2014, 1-9.	1.4	128
321	Caspase-1-Like Regulation of the proPO-System and Role of ppA and Caspase-1-Like Cleaved Peptides from proPO in Innate Immunity. PLoS Pathogens, 2014, 10, e1004059.	2.1	36
322	Inflammasome activation and vitiligo/nonsegmental vitiligo progression. British Journal of Dermatology, 2014, 170, 816-823.	1.4	65
323	Radar Signal Recognition Based on Manifold Learning Method. International Journal of Control and Automation, 2014, 7, 399-406.	0.3	3
324	NLRP7 inter-domain interactions: the NACHT-associated domain is the physical mediator for oligomeric assembly. Molecular Human Reproduction, 2014, 20, 990-1001.	1.3	20
325	Protein-bound polysaccharide-K induces IL- \hat{l}^2 via TLR2 and NLRP3 inflammasome activation. Innate lmmunity, 2014, 20, 857-866.	1.1	13
326	Endothelial dysfunction. Current Opinion in Lipidology, 2014, 25, 339-349.	1.2	35
327	Systems vaccinology for cancer vaccine development. Expert Review of Vaccines, 2014, 13, 711-719.	2.0	2
328	Follistatinâ€like protein 1 enhances NLRP3 inflammasomeâ€mediated ILâ€1β secretion from monocytes and macrophages. European Journal of Immunology, 2014, 44, 1467-1479.	1.6	48
329	Ovarian steroids do not affect bovine endometrial cytokine or chemokine responses to Escherichia coli or LPS in vitro. Reproduction, 2014, 148, 593-606.	1.1	29
330	Thioredoxin-interacting protein mediates NALP3 inflammasome activation in podocytes during diabetic nephropathy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2448-2460.	1.9	64
331	TNF and TNF-receptors: From mediators of cell death and inflammation to therapeutic giants – past, present and future. Cytokine and Growth Factor Reviews, 2014, 25, 453-472.	3.2	643
332	<i>Mycobacterium tuberculosis</i> Serine Protease Rv3668c Can Manipulate the Host–Pathogen Interaction via Erk-NF-κB Axis-Mediated Cytokine Differential Expression. Journal of Interferon and Cytokine Research, 2014, 34, 686-698.	0.5	12
334	Intrinsic Disorder in Proteins Involved in the Innate Antiviral Immunity: Another Flexible Side of a Molecular Arms Race. Journal of Molecular Biology, 2014, 426, 1322-1350.	2.0	37
335	Purinergic signaling via P2X7 receptor mediates IL- $1\hat{l}^2$ production in Kupffer cells exposed to silica nanoparticle. Toxicology, 2014, 321, 13-20.	2.0	42
336	Inflammasome-Dependent and -Independent IL-18 Production Mediates Immunity to the ISCOMATRIX Adjuvant. Journal of Immunology, 2014, 192, 3259-3268.	0.4	69
337	The medicinal fungus Antrodia cinnamomea suppresses inflammation by inhibiting the NLRP3 inflammasome. Journal of Ethnopharmacology, 2014, 155, 154-164.	2.0	38
339	Danger- and pathogen-associated molecular patterns recognition by pattern-recognition receptors and ion channels of the transient receptor potential family triggers the inflammasome activation in immune cells and sensory neurons. Journal of Neuroinflammation, 2015, 12, 21.	3.1	126

#	Article	IF	CITATIONS
340	Effects of hyperbaric oxygen therapy on NACHT domain-leucine-rich-repeat- and pyrin domain-containing protein 3 inflammasome expression in rats following spinal cord injury. Molecular Medicine Reports, 2015, 11, 4650-4656.	1.1	21
341	Cofactor-independent antiphospholipid antibodies activate the NLRP3-inflammasome via endosomal NADPH-oxidase: implications for the antiphospholipid syndrome. Thrombosis and Haemostasis, 2015, 113 , $1071-1083$.	1.8	54
342	Mast cell degranulation inhibits motor patterns of human ileum and sigmoid colon <i>inÂvitro</i> : relevance for postoperative ileus. Neurogastroenterology and Motility, 2015, 27, 1098-1109.	1.6	5
343	NLRP3 Inflammasome Activation by Viroporins of Animal Viruses. Viruses, 2015, 7, 3380-3391.	1.5	39
344	The W-Shaped Mortality-Age Distribution of Novel H1N1 Influenza Virus Helps Reconstruct the Second Wave of Pandemic 1918 Spanish Flu. Journal of Pulmonary & Respiratory Medicine, 2015, 05, .	0.1	1
345	Innate Immunity and Immune Evasion by Enterovirus 71. Viruses, 2015, 7, 6613-6630.	1.5	66
346	Effect of Roux-en-Y Gastric Bypass on the NLRP3 Inflammasome in Adipose Tissue from Obese Rats. PLoS ONE, 2015, 10, e0139764.	1.1	26
347	Inflammasome Modulation by Chemotherapeutics in Malignant Mesothelioma. PLoS ONE, 2015, 10, e0145404.	1.1	37
348	Immune Homeostasis in Epithelial Cells: Evidence and Role of Inflammasome Signaling Reviewed. Journal of Immunology Research, 2015, 2015, 1-15.	0.9	34
350	Epidermal Fatty Acid Binding Protein Promotes Skin Inflammation Induced by High-Fat Diet. Immunity, 2015, 42, 953-964.	6.6	96
351	Neuron–microglia interactions in neuroinflammation. Clinical and Experimental Neuroimmunology, 2015, 6, 225-231.	0.5	14
352	Chronic spontaneous urticaria: latest developments in aetiology, diagnosis and therapy. Therapeutic Advances in Chronic Disease, 2015, 6, 304-313.	1.1	33
354	Hyperglucose Contributes to Periodontitis: Involvement of the NLRP3 Pathway by Engaging the Innate Immunity of Oral Gingival Epithelium. Journal of Periodontology, 2015, 86, 327-335.	1.7	46
355	Immune-mediated pathology in Duchenne muscular dystrophy. Science Translational Medicine, 2015, 7, 299rv4.	5.8	209
356	Advances in Sepsis Research. Clinics in Chest Medicine, 2015, 36, 521-530.	0.8	14
357	Single-cell imaging of inflammatory caspase dimerization reveals differential recruitment to inflammasomes. Cell Death and Disease, 2015, 6, e1813-e1813.	2.7	40
358	Escherichia coli \hat{l}_{\pm} -Hemolysin Counteracts the Anti-Virulence Innate Immune Response Triggered by the Rho GTPase Activating Toxin CNF1 during Bacteremia. PLoS Pathogens, 2015, 11, e1004732.	2.1	51
359	Biological Functions of Thyroid Hormone in Placenta. International Journal of Molecular Sciences, 2015, 16, 4161-4179.	1.8	35

#	ARTICLE	IF	CITATIONS
360	3,4-Dihydroxy-benzohydroxamic acid (Didox) suppresses pro-inflammatory profiles and oxidative stress in TLR4-activated RAW264.7 murine macrophages. Chemico-Biological Interactions, 2015, 233, 95-105.	1.7	27
361	The expression of NLRP3, NLRP1 and AIM2 in the gingival tissue of periodontitis patients: RT-PCR study and immunohistochemistry. Archives of Oral Biology, 2015, 60, 948-958.	0.8	75
362	CAPS $\hat{a}\in$ " pathogenesis, presentation and treatment of an autoinflammatory disease. Seminars in Immunopathology, 2015, 37, 377-385.	2.8	115
363	NLRP3 Inflammasome Mediates Chronic Mild Stress-Induced Depression in Mice via Neuroinflammation. International Journal of Neuropsychopharmacology, 2015, 18, pyv006-pyv006.	1.0	232
364	Hepatitis Delta co-infection in humanized mice leads to pronounced induction of innate immune responses in comparison to HBV mono-infection. Journal of Hepatology, 2015, 63, 346-353.	1.8	104
365	The Peptide Toxin Amylosin of Bacillus amyloliquefaciens from Moisture-Damaged Buildings Is Immunotoxic, Induces Potassium Efflux from Mammalian Cells, and Has Antimicrobial Activity. Applied and Environmental Microbiology, 2015, 81, 2939-2949.	1.4	21
366	Activation and Regulation of DNA-Driven Immune Responses. Microbiology and Molecular Biology Reviews, 2015, 79, 225-241.	2.9	100
367	Distinct cathepsins control necrotic cell death mediated by pyroptosis inducers and lysosome-destabilizing agents. Cell Cycle, 2015, 14, 964-972.	1.3	41
368	LL37 inhibits the inflammatory endothelial response induced by viral or endogenous DNA. Journal of Autoimmunity, 2015, 65, 19-29.	3.0	10
369	The NLRP3 inflammasome is critically involved in the development of bronchopulmonary dysplasia. Nature Communications, 2015, 6, 8977.	5.8	143
370	Muscovy duck reovirus infection rapidly activates host innate immune signaling and induces an effective antiviral immune response involving critical interferons. Veterinary Microbiology, 2015, 175, 232-243.	0.8	19
371	Response of host inflammasomes to viral infection. Trends in Microbiology, 2015, 23, 55-63.	3.5	167
372	Caspases: Therapeutic Targets in Neurologic Disease. Neurotherapeutics, 2015, 12, 42-48.	2.1	34
373	The Potential Protective Effects of Polyphenols in Asbestos-Mediated Inflammation and Carcinogenesis of Mesothelium. Nutrients, 2016, 8, 275.	1.7	22
374	Inflammasomes - A Mini-Review. Current Immunology Reviews, 2016, 12, 27-34.	1.2	0
375	Exaggerated IL-15 and Altered Expression of foxp3+ Cell-Derived Cytokines Contribute to Enhanced Colitis in Nlrp3â°'/â° Mice. Mediators of Inflammation, 2016, 2016, 1-12.	1.4	1
376	PAMP-DAMPs interactions mediates development and progression of multiple sclerosis. Frontiers in Bioscience - Scholar, 2016, 8, 13-28.	0.8	10
377	Cobalt Alloy Implant Debris Induces Inflammation and Bone Loss Primarily through Danger Signaling, Not TLR4 Activation: Implications for DAMP-ening Implant Related Inflammation. PLoS ONE, 2016, 11, e0160141.	1.1	39

#	ARTICLE	IF	Citations
378	Plasticizer DBP Activates NLRP3 Inflammasome through the P2X ₇ Receptor in HepG2 and LO2 Cells. Journal of Biochemical and Molecular Toxicology, 2016, 30, 178-185.	1.4	24
379	The influence of oxidative stress and autophagy cross regulation on pregnancy outcome. Cell Stress and Chaperones, 2016, 21, 755-762.	1.2	33
380	Modulation of inflammasome activity by <i>Porphyromonas gingivalis</i> in periodontitis and associated systemic diseases. Journal of Oral Microbiology, 2016, 8, 30385.	1.2	79
381	Molecular characterization of woodchuck IFI16 and AIM2 and their expression in woodchucks infected with woodchuck hepatitis virus (WHV). Scientific Reports, 2016, 6, 28776.	1.6	11
382	The inflammasome as a target for pain therapy. British Journal of Anaesthesia, 2016, 117, 693-707.	1.5	48
383	NLRP3 inflammasome has a protective effect against oxazolone-induced colitis: a possible role in ulcerative colitis. Scientific Reports, 2016, 6, 39075.	1.6	79
384	An endogenous caspase-11 ligand elicits interleukin-1 release from living dendritic cells. Science, 2016, 352, 1232-1236.	6.0	419
385	Effect of Roux-en-Y Gastric Bypass on the NLRP3 Inflammasome in Pancreatic Islets from Zucker Diabetic Fatty Rats. Obesity Surgery, 2016, 26, 3076-3081.	1.1	6
386	Efficacy and Pharmacology of the NLRP3 Inflammasome Inhibitor CP-456,773 (CRID3) in Murine Models of Dermal and Pulmonary Inflammation. Journal of Immunology, 2016, 197, 2421-2433.	0.4	138
387	The Proteasome and Oxidative Stress in Alzheimer's Disease. Antioxidants and Redox Signaling, 2016, 25, 886-901.	2.5	74
388	Modulation of Immune Responses by Particulate Materials. Advanced Materials, 2016, 28, 5525-5541.	11.1	66
389	Macrophages Play a Key Role in the Obesityâ€Induced Periodontal Innate Immune Dysfunction via Nucleotideâ€Binding Oligomerization Domainâ€Like Receptor Protein 3 Pathway. Journal of Periodontology, 2016, 87, 1195-1205.	1.7	30
390	Silica nanoparticles activate purinergic signaling via P2X 7 receptor in dendritic cells, leading to production of pro-inflammatory cytokines. Toxicology in Vitro, 2016, 35, 202-211.	1.1	28
391	Cepharanthine and Piperine ameliorate diabetic nephropathy in rats: role of NF-κB and NLRP3 inflammasome. Life Sciences, 2016, 157, 187-199.	2.0	96
392	Biological Activities of Uric Acid in Infection Due to Enteropathogenic and Shiga-Toxigenic Escherichia coli. Infection and Immunity, 2016, 84, 976-988.	1.0	12
393	The effect of surface modification of mesoporous silica micro-rod scaffold on immune cell activation and infiltration. Biomaterials, 2016, 83, 249-256.	5.7	85
394	Anti-Inflammatory Role of MicroRNA-146a in the Pathogenesis of Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2016, 27, 2277-2288.	3.0	144
395	Inflammatory networks underlying colorectal cancer. Nature Immunology, 2016, 17, 230-240.	7.0	408

#	Article	IF	Citations
396	Inflammation and its role in age-related macular degeneration. Cellular and Molecular Life Sciences, 2016, 73, 1765-1786.	2.4	489
397	Functions of omega-3 fatty acids and FFA4 (GPR120) in macrophages. European Journal of Pharmacology, 2016, 785, 36-43.	1.7	78
398	Biological Effects of Fibrous and Particulate Substances. Current Topics in Environmental Health and Preventive Medicine, 2016, , .	0.1	0
399	Use of functional genomics to understand replication deficient poxvirus-host interactions. Virus Research, 2016, 216, 1-15.	1.1	1
400	Impact of IL-1 inhibition on fatigue associated with autoinflammatory syndromes. Modern Rheumatology, 2016, 26, 3-8.	0.9	22
401	Differential cytotoxic and inflammatory potency of amorphous silicon dioxide nanoparticles of similar size in multiple cell lines. Nanotoxicology, 2017, 11, 223-235.	1.6	47
402	LincRNA-Gm4419 knockdown ameliorates NF- \hat{l}^{PB} /NLRP3 inflammasome-mediated inflammation in diabetic nephropathy. Cell Death and Disease, 2017, 8, e2583-e2583.	2.7	213
403	Microbial recognition and danger signals in sepsis and trauma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2564-2573.	1.8	100
404	Inflammasomes in the lung. Molecular Immunology, 2017, 86, 44-55.	1.0	126
405	Differential role of pannexinâ€1/ATP/ P2X ₇ axis in ILâ€1β release by human monocytes. FASEB Journal, 2017, 31, 2439-2445.	0.2	46
406	NLRP3 inflammasome activation in mesenchymal stem cells inhibits osteogenic differentiation and enhances adipogenic differentiation. Biochemical and Biophysical Research Communications, 2017, 484, 871-877.	1.0	63
407	NLRP3 inflammasome: Pathogenic role and potential therapeutic target for IgA nephropathy. Scientific Reports, 2017, 7, 41123.	1.6	52
408	High level of IL-10 expression in the blood of animal models possibly relates to resistance against leptospirosis. Cytokine, 2017, 96, 144-151.	1.4	13
409	The NLRP3 and CASP1 gene polymorphisms are associated with developing of acute coronary syndrome: a case-control study. Immunologic Research, 2017, 65, 862-868.	1.3	12
410	Silicosis and autoimmunity. Current Opinion in Allergy and Clinical Immunology, 2017, 17, 78-84.	1.1	60
411	NLRP3 is Required for Complement-Mediated Caspase-1 and IL-1beta Activation in ICH. Journal of Molecular Neuroscience, 2017, 61, 385-395.	1.1	57
412	Macrophages and Mitochondria. Advances in Immunology, 2017, 133, 1-36.	1.1	45
413	Dietary PUFAs attenuate NLRP3 inflammasome activation via enhancing macrophage autophagy. Journal of Lipid Research, 2017, 58, 1808-1821.	2.0	78

#	ARTICLE	IF	CITATIONS
414	4.3 The Innate Response to Biomaterials \hat{a}^{-} , 2017, 30-43.		1
415	Early-life lipopolysaccharide exposure potentiates forebrain expression of NLRP3 inflammasome proteins and anxiety-like behavior in adolescent rats. Brain Research, 2017, 1671, 43-54.	1.1	35
416	<scp>NLRP</scp> 3 inflammasome may regulate inflammatory response of human periodontal ligament fibroblasts in an apoptosisâ€associated speckâ€like protein containing a <scp>CARD</scp> (<scp>ASC</scp>)â€dependent manner. International Endodontic Journal, 2017, 50, 967-975.	2.3	40
417	Danger-associated molecular patterns in Alzheimer's disease. Journal of Leukocyte Biology, 2017, 101, 87-98.	1.5	158
418	Titanium ions form particles that activate and execute interleukinâ€1β release from lipopolysaccharideâ€primed macrophages. Journal of Periodontal Research, 2017, 52, 21-32.	1.4	144
419	Biological roles of glycans. Glycobiology, 2017, 27, 3-49.	1.3	1,676
420	Protein‑protein interaction analysis to identify biomarker networks for endometriosis. Experimental and Therapeutic Medicine, 2017, 14, 4647-4654.	0.8	8
421	Neonatal Pulmonary Host Defense. , 2017, , 1262-1293.e12.		5
422	Increased Neutrophil Secretion Induced by NLRP3 Mutation Links the Inflammasome to Azurophilic Granule Exocytosis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 507.	1.8	24
423	Chemokines Associated with Pathologic Responses to Orthopedic Implant Debris. Frontiers in Endocrinology, 2017, 8, 5.	1.5	69
424	NOD-Like Receptor P3 Inflammasome Controls Protective Th1/Th17 Immunity against Pulmonary Paracoccidioidomycosis. Frontiers in Immunology, 2017, 8, 786.	2.2	56
425	Inflammasomes and Cancer: The Dynamic Role of the Inflammasome in Tumor Development. Frontiers in Immunology, 2017, 8, 1132.	2.2	101
426	7.8 Implant Debris: Clinical Data and Relevance â~†., 2017, , 118-132.		1
427	Human umbilical cord-derived mesenchymal stem cells ameliorate insulin resistance by suppressing NLRP3 inflammasome-mediated inflammation in type 2 diabetes rats. Stem Cell Research and Therapy, 2017, 8, 241.	2.4	80
428	Mechanisms of inflammatory responses to radiation and normal tissues toxicity: clinical implications. International Journal of Radiation Biology, 2018, 94, 335-356.	1.0	110
429	NLRP3 inflammasome inhibition attenuates silica-induced epithelial to mesenchymal transition (EMT) in human bronchial epithelial cells. Experimental Cell Research, 2018, 362, 489-497.	1.2	48
430	Tripartite motif ontaining proteins precisely and positively affect host antiviral immune response. Scandinavian Journal of Immunology, 2018, 87, e12669.	1.3	8
431	Attenuation of mechanical pain hypersensitivity by treatment with Peptide5, a connexin-43 mimetic peptide, involves inhibition of NLRP3 inflammasome in nerve-injured mice. Experimental Neurology, 2018, 300, 1-12.	2.0	96

#	Article	IF	CITATIONS
432	Involvement of caspase-4 in IL-1 beta production and pyroptosis in human macrophages during dengue virus infection. Immunobiology, 2018, 223, 356-364.	0.8	34
433	Association of NLRP3 single nucleotide polymorphisms with ulcerative colitis: A case-control study. Clinics and Research in Hepatology and Gastroenterology, 2018, 42, 269-275.	0.7	26
434	Molecular Signature of Aluminum Hydroxide Adjuvant in Ovine PBMCs by Integrated mRNA and microRNA Transcriptome Sequencing. Frontiers in Immunology, 2018, 9, 2406.	2.2	15
435	NLRP3 Inflammasome: A Possible Link Between Obesity-Associated Low-Grade Chronic Inflammation and Colorectal Cancer Development. Frontiers in Immunology, 2018, 9, 2918.	2.2	77
436	Distinct mechanisms regulate IL1B gene transcription in lymphoid CD4 T cells and monocytes. Cytokine, 2018, 111, 373-381.	1.4	25
437	Modulators of inflammation in Bronchopulmonary Dysplasia. Seminars in Perinatology, 2018, 42, 459-470.	1.1	70
438	H1/ <scp>pAIM</scp> 2 nanoparticles exert antiâ€tumour effects that is associated with the inflammasome activation in renal carcinoma. Journal of Cellular and Molecular Medicine, 2018, 22, 5670-5681.	1.6	17
439	Toll-Like Receptors and RIG-I-Like Receptors Play Important Roles in Resisting Flavivirus. Journal of Immunology Research, 2018, 2018, 1-7.	0.9	28
440	Apocynin inhibited NLRP3/XIAP signalling to alleviate renal fibrotic injury in rat diabetic nephropathy. Biomedicine and Pharmacotherapy, 2018, 106, 1325-1331.	2.5	34
441	NLR-Dependent Regulation of Inflammation in Multiple Sclerosis. Frontiers in Immunology, 2017, 8, 2012.	2.2	66
442	Preterm Life in Sterile Conditions: A Study on Preterm, Germ-Free Piglets. Frontiers in Immunology, 2018, 9, 220.	2.2	25
443	Hypercapnia induces IL- $1^{\hat{1}^2}$ overproduction via activation of NLRP3 inflammasome: implication in cognitive impairment in hypoxemic adult rats. Journal of Neuroinflammation, 2018, 15, 4.	3.1	61
444	Microglial activation mediates chronic mild stress-induced depressive- and anxiety-like behavior in adult rats. Journal of Neuroinflammation, 2018, 15, 21.	3.1	262
445	Cancer-Targeted Oncolytic Adenoviruses for Modulation of the Immune System. Current Cancer Drug Targets, 2018, 18, 124-138.	0.8	13
446	Short-Chain Fatty Acids Manifest Stimulative and Protective Effects on Intestinal Barrier Function Through the Inhibition of NLRP3 Inflammasome and Autophagy. Cellular Physiology and Biochemistry, 2018, 49, 190-205.	1.1	272
447	Mitochondrial ROS activate interleukin‑1β expression in allergic rhinitis. Oncology Letters, 2018, 16, 3193-3200.	0.8	15
448	Pharmacological inhibition of the NLRP3 inï¬,ammasome as a potential target for cancer-induced bone pain. Pharmacological Research, 2019, 147, 104339.	3.1	46
449	Endothelial cell pyroptosis plays an important role in Kawasaki disease via HMGB1/RAGE/cathespin B signaling pathway and NLRP3 inflammasome activation. Cell Death and Disease, 2019, 10, 778.	2.7	168

#	Article	IF	Citations
450	The inflammasome NLRP3 plays a dual role on mouse corpora cavernosa relaxation. Scientific Reports, 2019, 9, 16224.	1.6	9
451	Leucocyte integrins, but neither caspases nor NLR inflammasome are associated with lipopolysaccharide recognition and response in barramundi (Lates calcarifer). Fish and Shellfish Immunology, 2019, 91, 172-179.	1.6	4
452	Antibiotics induced intestinal tight junction barrier dysfunction is associated with microbiota dysbiosis, activated NLRP3 inflammasome and autophagy. PLoS ONE, 2019, 14, e0218384.	1.1	125
453	NLRP3 inflammasome as a potential treatment in ischemic stroke concomitant with diabetes. Journal of Neuroinflammation, 2019, 16, 121.	3.1	103
454	Pulegone inhibits inflammation via suppression of NLRP3 inflammasome and reducing cytokine production in mice. Immunopharmacology and Immunotoxicology, 2019, 41, 420-427.	1.1	15
455	Role of Nephronectin in Pathophysiology of Silicosis. International Journal of Molecular Sciences, 2019, 20, 2581.	1.8	15
456	The neuroprotection of progesterone against A \hat{l}^2 -induced NLRP3-Caspase-1 inflammasome activation via enhancing autophagy in astrocytes. International Immunopharmacology, 2019, 74, 105669.	1.7	44
457	Implant Material Bio-compatibility, Sensitivity, and Allergic Reactions. , 2019, , 1-23.		1
458	Inflammasome gene expression is associated with immunopathology in human localized cutaneous leishmaniasis. Cellular Immunology, 2019, 341, 103920.	1.4	15
459	Macrophages as Key Players during Adipose Tissue–Liver Crosstalk in Nonalcoholic Fatty Liver Disease. Seminars in Liver Disease, 2019, 39, 291-300.	1.8	18
460	Regulation of interleukin†beta secretion from macrophages via modulation of potassium ion (K ⁺) channel activity. FEBS Letters, 2019, 593, 1166-1178.	1.3	1
461	NOD-like receptors: major players (and targets) in the interface between innate immunity and cancer. Bioscience Reports, 2019, 39, .	1.1	81
462	Autophagy in Zika Virus Infection: A Possible Therapeutic Target to Counteract Viral Replication. International Journal of Molecular Sciences, 2019, 20, 1048.	1.8	32
463	Cytokines: Key Determinants of Resistance or Disease Progression in Visceral Leishmaniasis: Opportunities for Novel Diagnostics and Immunotherapy. Frontiers in Immunology, 2019, 10, 670.	2.2	136
464	Mesothelium and Malignant Mesothelioma. Journal of Developmental Biology, 2019, 7, 7.	0.9	36
465	Liquid crystal delivery of ciprofloxacin to treat infections of the female reproductive tract. Biomedical Microdevices, 2019, 21, 36.	1.4	8
466	Pathogen Sensing: Toll-Like Receptors and NODs (Innate Immunity). , 2019, , .		1
467	NOD-Like Receptor Family Pyrin Domain-Containing 3 Inflammasome Activation Exacerbates 5-Fluorouracil-Induced Small Intestinal Mucositis via Interleukin-1Î ² Activation. Digestion, 2021, 102, 298-312.	1.2	6

#	Article	IF	CITATIONS
468	<p>Calcium Pyrophosphate And Monosodium Urate Activate The NLRP3 Inflammasome Within Bladder Urothelium Via Reactive Oxygen Species And TXNIP</p> . Research and Reports in Urology, 2019, Volume 11, 319-325.	0.6	6
469	Palmatine attenuated dextran sulfate sodium (DSS)-induced colitis via promoting mitophagy-mediated NLRP3 inflammasome inactivation. Molecular Immunology, 2019, 105, 76-85.	1.0	119
470	RORÎ ³ regulates the NLRP3 inflammasome. Journal of Biological Chemistry, 2019, 294, 10-19.	1.6	26
471	Rhein, An Anthraquinone Drug, Suppresses the NLRP3 Inflammasome and Macrophage Activation in Urate Crystal-Induced Gouty Inflammation. The American Journal of Chinese Medicine, 2019, 47, 135-151.	1.5	40
472	Molecular Bases for Lung Development, Injury, and Repair., 2019,, 3-29.		1
473	Comparative cytotoxicity of respirable surface-treated/untreated calcium carbonate rock dust particles in vitro. Toxicology and Applied Pharmacology, 2019, 362, 67-76.	1.3	10
474	The Role of Nucleic Acid Sensing in Controlling Microbial and Autoimmune Disorders. International Review of Cell and Molecular Biology, 2019, 345, 35-136.	1.6	26
475	Stable IL-1-Activation in an Inflammasome Signalling Model Depends on Positive and Negative Feedbacks and Tight Regulation of Protein Production. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 627-637.	1.9	1
476	Involvement of NLRC4 inflammasome through caspase-1 and IL- $1\hat{l}^2$ augments neuroinflammation and contributes to memory impairment in an experimental model of Alzheimer's like disease. Brain Research Bulletin, 2020, 154, 81-90.	1.4	28
477	NLRP3 inflammasome negatively regulates podocyte autophagy in diabetic nephropathy. Biochemical and Biophysical Research Communications, 2020, 521, 791-798.	1.0	51
478	Acrylamide induced the activation of NLRP3 inflammasome via ROS-MAPKs pathways in Kupffer cells. Food and Agricultural Immunology, 2020, 31, 45-62.	0.7	9
479	Design, synthesis, and screening of sulfonylurea-derived NLRP3 inflammasome inhibitors. Medicinal Chemistry Research, 2020, 29, 126-135.	1.1	5
480	Progesterone inhibits inflammatory response in E.coli- or LPS-Stimulated bovine endometrial epithelial cells by NF-κB and MAPK pathways. Developmental and Comparative Immunology, 2020, 105, 103568.	1.0	33
481	Host inflammatory responses to intracellular invaders: Review study. Life Sciences, 2020, 240, 117084.	2.0	18
482	C6orf120 gene deficiency may be vulnerable to carbon tetrachloride induced acute hepatic injury in rats. Archives of Medical Science, 2020, , .	0.4	0
483	Engineered Pigs Carrying a Gain-of-Function NLRP3 Homozygous Mutation Can Survive to Adulthood and Accurately Recapitulate Human Systemic Spontaneous Inflammatory Responses. Journal of Immunology, 2020, 205, 2532-2544.	0.4	8
484	Short-chain fatty acids bind to apoptosis-associated speck-like protein to activate inflammasome complex to prevent Salmonella infection. PLoS Biology, 2020, 18, e3000813.	2.6	32
485	Interplay Between NLRP3 Inflammasome and Autophagy. Frontiers in Immunology, 2020, 11, 591803.	2.2	264

#	Article	IF	CITATIONS
486	Emerging role of IL-6 and NLRP3 inflammasome as potential therapeutic targets to combat COVID-19: Role of IncRNAs in cytokine storm modulation. Life Sciences, 2020, 257, 118114.	2.0	68
487	Involvement of NLRP3 inflammasome in schizophrenia-like behaviour in young animals after maternal immune activation. Acta Neuropsychiatrica, 2020, 32, 321-327.	1.0	11
488	Electrophilic Nrf2 activators and itaconate inhibit inflammation at low dose and promote IL- $1\hat{l}^2$ production and inflammatory apoptosis at high dose. Redox Biology, 2020, 36, 101647.	3.9	37
489	Tris DBA ameliorates IgA nephropathy by blunting the activating signal of NLRP3 inflammasome through SIRT1―and SIRT3―mediated autophagy induction. Journal of Cellular and Molecular Medicine, 2020, 24, 13609-13622.	1.6	17
490	<p>Cytokine Response in SARS-CoV-2 Infection in the Elderly</p> . Journal of Inflammation Research, 2020, Volume 13, 737-747.	1.6	39
491	Sequential ubiquitination of NLRP3 by RNF125 and Cbl-b limits inflammasome activation and endotoxemia. Journal of Experimental Medicine, 2020, 217, .	4.2	90
492	eATP/P2X7R Axis: An Orchestrated Pathway Triggering Inflammasome Activation in Muscle Diseases. International Journal of Molecular Sciences, 2020, 21, 5963.	1.8	11
493	AKT Regulates NLRP3 Inflammasome Activation by Phosphorylating NLRP3 Serine 5. Journal of Immunology, 2020, 205, 2255-2264.	0.4	42
494	Molecular Biology of Atherosclerotic Ischemic Strokes. International Journal of Molecular Sciences, 2020, 21, 9372.	1.8	17
495	Contribution of the P2X4 Receptor in Rat Hippocampus to the Comorbidity of Chronic Pain and Depression. ACS Chemical Neuroscience, 2020, 11, 4387-4397.	1.7	18
496	Inflammasomes in Common Immune-Related Skin Diseases. Frontiers in Immunology, 2020, 11, 882.	2.2	50
497	Long noncoding RNA GAS5 promotes microglial inflammatory response in Parkinson's disease by regulating NLRP3 pathway through sponging miR-223-3p. International Immunopharmacology, 2020, 85, 106614.	1.7	56
498	Role of inflammasomes in innate host defense against <i>Entamoeba histolytica</i> Journal of Leukocyte Biology, 2020, 108, 801-812.	1.5	7
499	Impact of Respiratory Syncytial Virus Infection on Host Functions: Implications for Antiviral Strategies. Physiological Reviews, 2020, 100, 1527-1594.	13.1	30
500	Orthopedic Applications., 2020,, 1079-1118.		10
501	Glucose Induces IL- $\hat{\Pi}$ ±-Dependent Inflammation and Extracellular Matrix Proteins Expression and Deposition in Renal Tubular Epithelial Cells in Diabetic Kidney Disease. Frontiers in Immunology, 2020, 11, 1270.	2,2	26
502	DEF Cell-Derived Exosomal miR-148a-5p Promotes DTMUV Replication by Negative Regulating TLR3 Expression. Viruses, 2020, 12, 94.	1.5	12
503	The Inflammation Superhighway. , 2020, , 131-150.		2

#	Article	IF	CITATIONS
504	The Roles of the NLRP3 Inflammasome in Neurodegenerative and Metabolic Diseases and in Relevant Advanced Therapeutic Interventions. Genes, 2020, 11, 131.	1.0	46
505	Chronic cerebral hypoperfusion activates AIM2 and NLRP3 inflammasome. Brain Research, 2020, 1736, 146779.	1.1	24
506	Nutrients and Immunometabolism: Role of Macrophage NLRP3. Journal of Nutrition, 2020, 150, 1693-1704.	1.3	10
507	Diagnosis and Management of the Cryopyrin-Associated Periodic Syndromes (CAPS): What Do We Know Today?. Journal of Clinical Medicine, 2021, 10, 128.	1.0	44
508	Water-mediated structural rearrangement establishes active conformation of caspases for apoptosis and inflammation. Journal of Biomolecular Structure and Dynamics, 2021, , 1-14.	2.0	0
509	Implant Material Bio-compatibility, Sensitivity, and Allergic Reactions. , 2021, , 127-149.		1
510	The Role of Rilonacept in Recurrent Pericarditis. Heart International, 2021, 15, 20.	0.4	1
511	High-mobility group box protein-1 induces acute pancreatitis through activation of neutrophil extracellular trap and subsequent production of IL- $1\hat{l}^2$. Life Sciences, 2021, 286, 119231.	2.0	10
512	CCR5 signaling promotes lipopolysaccharide-induced macrophage recruitment and alveolar developmental arrest. Cell Death and Disease, 2021, 12, 184.	2.7	15
513	Innate Immune Response as a New Challenge in Periodontal Inflammation. Dentistry, 0, , .	0.0	0
514	Absent in melanoma 2-mediating M1 macrophages facilitate tumor rejection in renal carcinoma. Translational Oncology, 2021, 14, 101018.	1.7	9
515	Epigallocatechin-3-gallate prevents inflammation and diabetes -Induced glucose tolerance through inhibition of NLRP3 inflammasome activation. International Immunopharmacology, 2021, 93, 107412.	1.7	28
516	Targeting Inflammatory Pathways in Cardiovascular Disease: The Inflammasome, Interleukin-1, Interleukin-6 and Beyond. Cells, 2021, 10, 951.	1.8	63
517	Alterations in the Gut-Microbial-Inflammasome-Brain Axis in a Mouse Model of Alzheimer's Disease. Cells, 2021, 10, 779.	1.8	46
518	Targeting TFE3 Protects Against Lysosomal Malfunction-Induced Pyroptosis in Random Skin Flaps via ROS Elimination. Frontiers in Cell and Developmental Biology, 2021, 9, 643996.	1.8	11
519	Uric acid participating in female reproductive disorders: a review. Reproductive Biology and Endocrinology, 2021, 19, 65.	1.4	27
520	Protective effects of the NLRP3 inflammasome against infectious bursal disease virus replication in DF-1 cells. Archives of Virology, 2021, 166, 1943-1950.	0.9	9
521	Hepatocyte-specific deletion of Nlrp6 in mice exacerbates the development of non-alcoholic steatohepatitis. Free Radical Biology and Medicine, 2021, 169, 110-121.	1.3	19

#	ARTICLE	IF	CITATIONS
522	Luteolin inhibits NLRP3 inflammasome activation via blocking ASC oligomerization. Journal of Nutritional Biochemistry, 2021, 92, 108614.	1.9	18
523	Adjuvants: friends in vaccine formulations against infectious diseases. Human Vaccines and Immunotherapeutics, 2021, 17, 3539-3550.	1.4	7
524	hucMSC-derived exosomes attenuate colitis by regulating macrophage pyroptosis via the miR-378a-5p/NLRP3 axis. Stem Cell Research and Therapy, 2021, 12, 416.	2.4	64
525	Inflammatory mediators in various molecular pathways involved in the development of pulmonary fibrosis. International Immunopharmacology, 2021, 96, 107608.	1.7	11
526	The signal pathways and treatment of cytokine storm in COVID-19. Signal Transduction and Targeted Therapy, 2021, 6, 255.	7.1	355
527	Biotransformation of soluble-insoluble lanthanum species and its induced NLRP3 inflammasome activation and chronic fibrosis. Environmental Pollution, 2021, 284, 117438.	3.7	3
528	Associations of <i>NLRP3</i> and <i>CARD8</i> gene polymorphisms with alcohol dependence and commonly related psychiatric disorders: a preliminary study. Arhiv Za Higijenu Rada I Toksikologiju, 2021, 72, 191-197.	0.4	1
529	Emerging Therapies for Recurrent Pericarditis: Interleukinâ€1 inhibitors. Journal of the American Heart Association, 2021, 10, e021685.	1.6	13
530	Reovirus and Rotaviruses: Basic General, Molecular, Clinical, and Application Features. , 2021, , .		0
531	Dendritic Cell: T-Cell Interactions in Spondyloarthritis. Advances in Experimental Medicine and Biology, 2009, 649, 263-276.	0.8	3
532	Microbial Recognition and Pathogen-Associated Molecular Pattern Receptors in Inflammatory Bowel Disease., 2012,, 97-110.		1
533	Quantification of Adipose Tissue Leukocytosis in Obesity. Methods in Molecular Biology, 2013, 1040, 195-209.	0.4	49
534	T Cell Alteration Caused by Exposure to Asbestos. Current Topics in Environmental Health and Preventive Medicine, 2016, , 195-210.	0.1	2
539	Gene silencing below the immune radar. Journal of Clinical Investigation, 2009, 119, 438-441.	3.9	8
540	Genetic Variation in the Familial Mediterranean Fever Gene (MEFV) and Risk for Crohn's Disease and Ulcerative Colitis. PLoS ONE, 2009, 4, e7154.	1.1	53
541	The Phagocytosis and Toxicity of Amorphous Silica. PLoS ONE, 2011, 6, e14647.	1.1	78
542	Human Papillomavirus Deregulates the Response of a Cellular Network Comprising of Chemotactic and Proinflammatory Genes. PLoS ONE, 2011, 6, e17848.	1.1	145
543	Extracellular Matrix from Porcine Small Intestinal Submucosa (SIS) as Immune Adjuvants. PLoS ONE, 2011, 6, e27083.	1,1	25

#	Article	IF	CITATIONS
544	ATP Release from Dying Autophagic Cells and Their Phagocytosis Are Crucial for Inflammasome Activation in Macrophages. PLoS ONE, 2012, 7, e40069.	1.1	121
545	Multiparametric Analyses of Human PBMCs Loaded Ex Vivo with a Candidate Idiotype Vaccine for HCV-Related Lymphoproliferative Disorders. PLoS ONE, 2012, 7, e44870.	1.1	4
546	A Proteolytic Cascade Controls Lysosome Rupture and Necrotic Cell Death Mediated by Lysosome-Destabilizing Adjuvants. PLoS ONE, 2014, 9, e95032.	1.1	29
547	Serum Amyloid A Induces NLRP-3-Mediated IL- $1\hat{1}^2$ Secretion in Neutrophils. PLoS ONE, 2014, 9, e96703.	1.1	44
548	Neutrophils Directly Recognize Group B Streptococci and Contribute to Interleukin- $1\hat{l}^2$ Production during Infection. PLoS ONE, 2016, 11, e0160249.	1.1	39
549	Involvement of Nlrp9a/b/c in mouse preimplantation development. Reproduction, 2020, 160, 181-191.	1.1	10
550	Deoxynivalenol enhances IL- $1\tilde{A}\ddot{Y}$ expression in BV2 microglial cells through activation of the NF-?B pathway and the ASC/NLRP3 inflammasome. EXCLI Journal, 2019, 18, 356-369.	0.5	10
551	The NLR-related protein NWD1 is associated with prostate cancer and modulates androgen receptor signaling. Oncotarget, 2014, 5, 1666-1682.	0.8	25
552	Virome and Inflammasomes, a Finely Tuned Balance with Important Consequences for the Host Health. Current Medicinal Chemistry, 2019, 26, 1027-1044.	1.2	5
553	Association of Inflammasome Components in Background Liver with Poor Prognosis After Curatively-resected Hepatocellular Carcinoma. Anticancer Research, 2017, 37, 293-300.	0.5	18
554	Lipopolysaccharide induces and activates the Nalp3 inflammasome in the liver. World Journal of Gastroenterology, 2011, 17, 4772.	1.4	109
555	Dietary saturated fatty acid and polyunsaturated fatty acid oppositely affect hepatic NOD-like receptor protein 3 inflammasome through regulating nuclear factor-kappa B activation. World Journal of Gastroenterology, 2016, 22, 2533.	1.4	49
556	Ligustrazine ameliorates acute kidney injury through downregulation of NOD2‑mediated inflammation. International Journal of Molecular Medicine, 2020, 45, 731-742.	1.8	11
557	Lesinurad: A significant advancement or just another addition to existing therapies of gout?. Journal of Pharmacology and Pharmacotherapeutics, 2016, 7, 155-158.	0.2	11
558	Unraveling the Genetic Basis of Aspirin Hypersensitivity in Asthma Beyond Arachidonate Pathways. Allergy, Asthma and Immunology Research, 2013, 5, 258.	1.1	50
559	Polymorphism of & Polymorphism of Animal Sciences, 2013, 26, 455-462.	2.4	6
560	Transcriptome Analysis in the Head Kidney of Rainbow Trout (Oncorhynchus mykiss) Immunized with a Combined Vaccine of Formalin-Inactivated Aeromonas salmonicida and Vibrio anguillarum. Vaccines, 2021, 9, 1234.	2.1	7
562	Contribution of IL-17 to the pulmonary inflammatory response. , 2009, , 105-113.		0

#	ARTICLE	IF	Citations
563	On the Horizon From the ORS. Journal of the American Academy of Orthopaedic Surgeons, The, 2009, 17, 658-663.	1.1	0
564	Cell-Mediated Defense against Infection. , 2010, , 129-150.		1
565	Neonatal Pulmonary Host Defense. , 2011, , 1701-1744.		0
566	The Role of Inflammasomes in Viral Infection. , 2011, , 51-64.		O
567	Diesel exhaust particles and the airway epithelial cell–dendritic cell interface in the control of immune homeostasis., 2011,, 171-200.		0
569	On the Horizon From the ORS. Journal of the American Academy of Orthopaedic Surgeons, The, 2011, 19, 59-62.	1.1	1
570	Kapitel E1 Literaturverzeichnis zu Peter, Pichler, M $\tilde{A}^{1}/4$ ller-Ladner (Hrsg.): Klinische Immunologie. , 2012, , e1-e80.		0
571	Regulation of Innate Immunity and Interferon Defenses by Hepatitis C Virus., 2012,, 245-269.		0
572	Inflammasome: IL-1/IL-17 Response in Lung Inflammation. , 2013, , 157-164.		0
573	Biological Impact of Type I Interferon Induction Pathways beyond Their Antivirus Activity. , 0, , 155-175.		0
574	Principles of innate immunity., 2015, , 127-133.		0
575	Chondroarthropathien., 2016, , 1007-1035.		0
576	Immunology of Uveitis., 2016,, 39-81.		0
578	The Genetic Variations of <i>NOD2 </i> Are Associated With White Blood Cell Counts. Biomedical Science Letters, 2018, 24, 334-340.	0.0	0
579	NLRP3 and CARD8 polymorphisms influence risk for asbestos-related diseases. Journal of Medical Biochemistry, 2019, 39, 91-99.	0.7	4
580	Bone Biology of Implant Failure. , 2020, , 136-145.		1
581	Retinal Pigment Epithelium in Age-Related Macular Degeneration. , 2020, , 161-171.		0
582	Plant Compounds for the Treatment of Diabetes, a Metabolic Disorder: NF-κB as a Therapeutic Target. Current Pharmaceutical Design, 2020, 26, 4955-4969.	0.9	8

#	ARTICLE	IF	CITATIONS
583	Inflammasomes in cardiovascular diseases. American Journal of Cardiovascular Disease, 2011, 1, 244-54.	0.5	34
584	The role of immunostimulatory nucleic acids in septic shock. International Journal of Clinical and Experimental Medicine, 2012, 5, 1-23.	1.3	9
585	Regulation by reversible S-glutathionylation: molecular targets implicated in inflammatory diseases. Molecules and Cells, 2008, 25, 332-46.	1.0	100
586	New insights into Nod-like receptors (NLRs) in liver diseases. International Journal of Physiology, Pathophysiology and Pharmacology, 2018, 10, 1-16.	0.8	9
587	Rilonacept for the treatment of recurrent pericarditis. Expert Opinion on Biological Therapy, 2022, 22, 7-16.	1.4	6
588	Annular urticarial lesions. Clinics in Dermatology, 2022, 40, 480-504.	0.8	2
589	Interleukins in adipose tissue: Keeping the balance. Molecular and Cellular Endocrinology, 2022, 542, 111531.	1.6	5
591	Nrf2 in the Field of Dentistry with Special Attention to NLRP3. Antioxidants, 2022, 11, 149.	2.2	10
592	TLR9 regulates NLRP3 inflammasome activation via the NF-kB signaling pathway in diabetic nephropathy. Diabetology and Metabolic Syndrome, 2022, 14, 26.	1.2	22
593	Pathogenetic Mechanisms of Hypertension–Brain-Induced Complications: Focus on Molecular Mediators. International Journal of Molecular Sciences, 2022, 23, 2445.	1.8	3
594	Inhibition of the NLRP3 inflammasome by progesterone is attenuated by abnormal autophagy induction in endometriotic cyst stromal cells: implications for endometriosis. Molecular Human Reproduction, 2022, 28, .	1.3	9
595	Gastrodin inhibits high glucoseâ€ʻinduced inflammation, oxidative stress and apoptosis in podocytes by activating the AMPK/Nrf2 signaling pathway. Experimental and Therapeutic Medicine, 2021, 23, 168.	0.8	18
607	The Mechanism and Regulation of the NLRP3 Inflammasome during Fibrosis. Biomolecules, 2022, 12, 634.	1.8	10
608	COX-2 is required to mediate crosstalk of ROS-dependent activation of MAPK/NF-κB signaling with pro-inflammatory response and defense-related NO enhancement during challenge of macrophage-like cell line with Giardia duodenalis. PLoS Neglected Tropical Diseases, 2022, 16, e0010402.	1.3	17
609	Immune Signature of COVID-19: In-Depth Reasons and Consequences of the Cytokine Storm. International Journal of Molecular Sciences, 2022, 23, 4545.	1.8	11
610	Raman Microspectroscopy Identifies Biochemical Activation Fingerprints in THP-1- and PBMC-Derived Macrophages. Biomedicines, 2022, 10, 989.	1.4	6
611	Mitochondrial electron transport chain is necessary for NLRP3 inflammasome activation. Nature Immunology, 2022, 23, 692-704.	7.0	107
612	Microglia in the Neuroinflammatory Pathogenesis of Alzheimer's Disease and Related Therapeutic Targets. Frontiers in Immunology, 2022, 13, 856376.	2.2	38

#	ARTICLE	IF	Citations
615	Inflammatory pathways in COVIDâ€19: Mechanism and therapeutic interventions. MedComm, 2022, 3, .	3.1	17
616	Drugs to limit Zika virus infection and implication for maternal-fetal health. Frontiers in Virology, 0, 2, .	0.7	3
617	COVID-19: possible role of vitamin D supplementation in preventing infection and reducing symptom severity. , $2021, 1, 80-86$.		0
618	NLRP3 Inflammasome Simultaneously Involved in Autophagy and Phagocytosis of THP-1 Cells to Clear Aged Erythrocytes. Journal of Immunology Research, 2022, 2022, 1-24.	0.9	1
619	Dysfunctional purinergic signaling correlates with disease severity in COVID-19 patients. Frontiers in Immunology, $0,13,1$	2.2	14
620	Rilonacept and Other Interleukin-1 Inhibitors in the Treatment of Recurrent Pericarditis. Cardiology in Review, 0, Publish Ahead of Print, .	0.6	2
623	<scp>NLRP3</scp> activation contributes to endothelinâ€lâ€induced erectile dysfunction. Journal of Cellular and Molecular Medicine, 2023, 27, 1-14.	1.6	3
624	A Biomimetic, Silaffin R5-Based Antigen Delivery Platform. Pharmaceutics, 2023, 15, 121.	2.0	1
625	In Silico Structural and Functional Analyses of NLRP3 Inflammasomes to Provide Insights for Treating Neurodegenerative Diseases. BioMed Research International, 2023, 2023, 1-16.	0.9	1
627	Quantifying portable genetic effects and improving cross-ancestry genetic prediction with GWAS summary statistics. Nature Communications, 2023, 14, .	5.8	13
629	Stages, pathogenesis, clinical management and advancements in therapies of age-related macular degeneration. International Ophthalmology, 2023, 43, 3891-3909.	0.6	1
636	Nano-Adjuvants. AAPS Advances in the Pharmaceutical Sciences Series, 2023, , 297-330.	0.2	0
638	Pharmacotherapeutics for cytokine storm in COVID-19., 2024, , 101-125.		0
639	The Characteristics of EV-A71-CV-A16 Infection and Interaction with a Host., 2024,, 95-116.		0
640	Retinales Pigmentepithel bei altersbedingter Makuladegeneration. , 2024, , 179-190.		0