

Mechanisms of inflammasome activation: recent advances

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Monosodium Urate Crystal-Induced Chondrocyte Death via Autophagic Process. <i>International Journal of Molecular Sciences</i> , 2015, 16, 29265-29277.	1.8	31
2	Are Microglial Cells the Regulators of Lymphocyte Responses in the CNS?. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 440.	1.8	23
3	Differential inflammatory response to <i>Helicobacter pylori</i> infection: etiology and clinical outcomes. <i>Journal of Inflammation Research</i> , 2015, 8, 137.	1.6	82
4	Commensal Bacteria-induced Interleukin 1 β (IL-1 β) Secreted by Macrophages Up-regulates Hepcidin Expression in Hepatocytes by Activating the Bone Morphogenetic Protein Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2015, 290, 30637-30647.	1.6	37
5	IL-1 in Colon Inflammation, Colon Carcinogenesis and Invasiveness of Colon Cancer. <i>Cancer Microenvironment</i> , 2015, 8, 187-200.	3.1	97
6	Current Knowledge on Procaspase-1 Variants with Reduced or Abrogated Enzymatic Activity in Autoinflammatory Disease. <i>Current Rheumatology Reports</i> , 2015, 17, 45.	2.1	9
7	Cutting Edge: Caspase-11 Limits the Response of CD8 $^+$ T Cells to Low-Abundance and Low-Affinity Antigen. <i>Journal of Immunology</i> , 2015, 195, 41-45.	0.4	6
8	Inflammasomes: mechanism of action, role in disease, and therapeutics. <i>Nature Medicine</i> , 2015, 21, 677-687.	15.2	2,476
9	Early IFN type I response: Learning from microbial evasion strategies. <i>Seminars in Immunology</i> , 2015, 27, 85-101.	2.7	42
10	Structure and assembly of the mouse ASC inflammasome by combined NMR spectroscopy and cryo-electron microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13237-13242.	3.3	133
11	The Decoy Substrate of a Pathogen Effector and a Pseudokinase Specify Pathogen-Induced Modified-Self Recognition and Immunity in Plants. <i>Cell Host and Microbe</i> , 2015, 18, 285-295.	5.1	212
12	Transcriptional regulation of myeloid-derived suppressor cells. <i>Journal of Leukocyte Biology</i> , 2015, 98, 913-922.	1.5	276
13	Mitophagy: a balance regulator of NLRP3 inflammasome activation. <i>BMB Reports</i> , 2016, 49, 529-535.	1.1	128
14	The Duality of AIM2 Inflammasome: A Focus on its Role in Autoimmunity and Skin Diseases. <i>American Journal of Pharmacology and Toxicology</i> , 2016, 11, 8-19.	0.7	0
15	An Overview of the Innate Immune Response to Infectious and Noninfectious Stressors. , 2016, , 1-24.		2
16	Recent Advances of the NLRP3 Inflammasome in Central Nervous System Disorders. <i>Journal of Immunology Research</i> , 2016, 2016, 1-9.	0.9	132
17	Modulation of the Inflammasome Signaling Pathway by Enteropathogenic and Enterohemorrhagic <i>Escherichia coli</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 89.	1.8	20
18	A Compendium for <i>Mycoplasma pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 513.	1.5	93

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19	Interplay between Inflammation and Cellular Stress Triggered by Flaviviridae Viruses. <i>Frontiers in Microbiology</i> , 2016, 7, 1233.	1.5	50
20	Association of EGF Receptor and NLRs signaling with Cardiac Inflammation and Fibrosis in Mice Exposed to Fine Particulate Matter. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 429-437.	1.4	16
21	Pathogen perception by NLRs in plants and animals: Parallel worlds. <i>BioEssays</i> , 2016, 38, 769-781.	1.2	81
22	Inflammationâ€”a Critical Appreciation of the Role of Myeloid Cells. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	14
23	AIM 2 inflammasomes regulate neuronal morphology and influence anxiety and memory in mice. <i>Scientific Reports</i> , 2016, 6, 32405.	1.6	39
24	Blocking triggering receptor expressed on myeloid cells-1 attenuates lipopolysaccharide-induced acute lung injury via inhibiting NLRP3 inflammasome activation. <i>Scientific Reports</i> , 2016, 6, 39473.	1.6	67
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28	Beneficial impact of intracerebroventricular fractalkine administration on behavioral and biochemical changes induced by prenatal stress in adult rats: Possible role of NLRP3 inflammasome pathway. <i>Biochemical Pharmacology</i> , 2016, 113, 45-56.	2.0	31
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31	Nicotinic acid inhibits NLRP3 inflammasome activation via SIRT1 in vascular endothelial cells. <i>International Immunopharmacology</i> , 2016, 40, 211-218.	1.7	20
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33	AIM2 inflammasome is activated by pharmacological disruption of nuclear envelope integrity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4671-80.	3.3	106
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39	Intermediate filaments enable pathogen docking to trigger type 3 effector translocation. Nature Microbiology, 2016, 1, 16025.	5.9	58
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55	Susceptibility to chronic inflammation: an update. Archives of Toxicology, 2017, 91, 1131-1141.	1.9	56

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56	A Role for the Inflammasome in Spontaneous Preterm Labor With Acute Histologic Chorioamnionitis. <i>Reproductive Sciences</i> , 2017, 24, 1382-1401.	1.1	93
57	A bioluminescent caspase-1 activity assay rapidly monitors inflammasome activation in cells. <i>Journal of Immunological Methods</i> , 2017, 447, 1-13.	0.6	66
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64	Ocular Immunopathology. <i>Molecular and Integrative Toxicology</i> , 2017, , 695-762.	0.5	5
65	Negative regulators and their mechanisms in NLRP3 inflammasome activation and signaling. <i>Immunology and Cell Biology</i> , 2017, 95, 584-592.	1.0	41
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69	Trimethylamine Oxide Induces Vascular Inflammation by Activating the NLRP3 Inflammasome Through the SIRT3-SOD2-mtROS Signaling Pathway. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	365
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74	NF- κ B signaling in inflammation. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, .	7.1	4,812
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77	A Role for the Inflammasome in Spontaneous Labor at Term with Acute Histologic Chorioamnionitis. <i>Reproductive Sciences</i> , 2017, 24, 934-953.	1.1	42
78	How Reactive Metabolites Induce an Immune Response That Sometimes Leads to an Idiosyncratic Drug Reaction. <i>Chemical Research in Toxicology</i> , 2017, 30, 295-314.	1.7	109
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84	Inflammation-a Critical Appreciation of the Role of Myeloid Cells. , 2017, , 325-342.		3
85	Strategies Used by Bacteria to Grow in Macrophages. , 2017, , 701-725.		7
86	Canonical and Non-Canonical Activation of NLRP3 Inflammasome at the Crossroad between Immune Tolerance and Intestinal Inflammation. <i>Frontiers in Immunology</i> , 2017, 8, 36.	2.2	151
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88	The Role of Interferons in Inflammation and Inflammasome Activation. <i>Frontiers in Immunology</i> , 2017, 8, 873.	2.2	178
89	Epac1 Blocks NLRP3 Inflammasome to Reduce IL-1 β in Retinal Endothelial Cells and Mouse Retinal Vasculature. <i>Mediators of Inflammation</i> , 2017, 2017, 1-7.	1.4	37
90	Inflammasome and Autophagy Regulation: A Two-way Street. <i>Molecular Medicine</i> , 2017, 23, 188-195.	1.9	155
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97	Inflammation as a Possible Link Between Dyslipidemia and Alzheimer's Disease. <i>Neuroscience</i> , 2018, 376, 127-141.	1.1	25
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106	Cell Death Pathways: a Novel Therapeutic Approach for Neuroscientists. <i>Molecular Neurobiology</i> , 2018, 55, 5767-5786.	1.9	114
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109	COPs and POPs Patrol Inflammasome Activation. <i>Journal of Molecular Biology</i> , 2018, 430, 153-173.	2.0	37

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111	Role of NLRP3 inflammasome in the pathogenesis of cardiovascular diseases. <i>Basic Research in Cardiology</i> , 2018, 113, 5.	2.5	202
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121	The fungal peptide toxin Candidalysin activates the NLRP3 inflammasome and causes cytolysis in mononuclear phagocytes. <i>Nature Communications</i> , 2018, 9, 4260.	5.8	181
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123	Inflammasome activation during spontaneous preterm labor with intra \amniotic infection or sterile intra \amniotic inflammation. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e13049.	1.2	73
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126	Sera from Septic Patients Contain the Inhibiting Activity of the Extracellular ATP-Dependent Inflammasome Pathway. <i>Tohoku Journal of Experimental Medicine</i> , 2018, 245, 193-204.	0.5	4
127	Origin and Consequences of Necroinflammation. <i>Physiological Reviews</i> , 2018, 98, 727-780.	13.1	147

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130	Cathepsin B regulates non-canonical NLRP3 inflammasome pathway by modulating activation of caspase-1 in Kupffer cells. <i>Cell Proliferation</i> , 2018, 51, e12487.	2.4	38
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132	Pathogen-Associated Molecular Patterns, Damage-Associated Molecular Patterns, and Their Receptors in Acute Kidney Injury. , 2019, , 121-127.e3.		2
133	Microglia in Neurodegenerative Disorders. <i>Methods in Molecular Biology</i> , 2019, 2034, 57-67.	0.4	39
134	Decoding inflammation, its causes, genomic responses, and emerging countermeasures. <i>Scandinavian Journal of Immunology</i> , 2019, 90, e12812.	1.3	39
135	Microglia. <i>Methods in Molecular Biology</i> , 2019, , .	0.4	1
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144	A Caspase-1 Biosensor to Monitor the Progression of Inflammation In Vivo. <i>Journal of Immunology</i> , 2019, 203, 2497-2507.	0.4	18
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147	Dual Role of Triptolide in Interrupting the NLRP3 Inflammasome Pathway to Attenuate Cardiac Fibrosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 360.	1.8	52
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149	3D chitosan scaffolds impair NLRP3 inflammasome response in macrophages. <i>Acta Biomaterialia</i> , 2019, 91, 123-134.	4.1	26
150	NOD-like receptors: major players (and targets) in the interface between innate immunity and cancer. <i>Bioscience Reports</i> , 2019, 39, .	1.1	81
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152	Endogenous double-stranded Alu RNA elements stimulate IFN-responses in relapsing remitting multiple sclerosis. <i>Journal of Autoimmunity</i> , 2019, 100, 40-51.	3.0	25
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154	Tinkering with targeting nucleotide signaling for control of intracellular Leishmania parasites. <i>Cytokine</i> , 2019, 119, 129-143.	1.4	4
155	Astragaloside IV protects against cisplatin-induced liver and kidney injury via autophagy-mediated inhibition of NLRP3 in rats. <i>Journal of Toxicological Sciences</i> , 2019, 44, 167-175.	0.7	55
156	Engulfment, persistence and fate of Bdellovibrio bacteriovorus predators inside human phagocytic cells informs their future therapeutic potential. <i>Scientific Reports</i> , 2019, 9, 4293.	1.6	24
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162	Targeting Autophagy to Overcome Human Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 725.	1.8	83
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