

Silica crystals and aluminum salts activate the NALP3 inflammasome leading to IL-1 β and IL-18 production and caspase-1 activation and processing

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Citation Report

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1733	Engineered Ovalbumin Nanoparticles for Cancer Immunotherapy. <i>Advanced Therapeutics</i> , 2020, 3, 2000100.	1.6	25
1734	Activation of the NLRP3 Inflammasome by Particles from the <i>Echinococcus granulosus</i> Laminated Layer. <i>Infection and Immunity</i> , 2020, 88, .	1.0	7
1735	A Specific Strain of Lactic Acid Bacteria, <i>Lactobacillus paracasei</i> , Inhibits Inflammasome Activation In Vitro and Prevents Inflammation-Related Disorders. <i>Journal of Immunology</i> , 2020, 205, 811-821.	0.4	13
1736	Controlling timing and location in vaccines. <i>Advanced Drug Delivery Reviews</i> , 2020, 158, 91-115.	6.6	141
1737	The possible protective effect of colchicine against liver damage induced by renal ischemiaâ€“reperfusion injury: role of Nrf2 and NLRP3 inflammasome. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 849-854.	0.7	11
1738	Combined TLR4 and TLR9 agonists induce distinct phenotypic changes in innate immunity in vitro and in vivo. <i>Cellular Immunology</i> , 2020, 355, 104149.	1.4	8
1739	IL-1 mediated autoinflammatory diseases. , 2020, , 643-684.		0
1740	Orthopedic Applications. , 2020, , 1079-1118.		10
1741	Exosomes as Drug Delivery Vehicles for Cancer Treatment. <i>Current Nanoscience</i> , 2020, 16, 15-26.	0.7	9
1742	Effect and Regulation of the NLRP3 Inflammasome During Renal Fibrosis. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 379.	1.8	51
1743	Cellular Interplay as a Consequence of Inflammatory Signals Leading to Liver Fibrosis Development. <i>Cells</i> , 2020, 9, 461.	1.8	38
1744	The role of annexin A1 in the modulation of the NLRP3 inflammasome. <i>Immunology</i> , 2020, 160, 78-89.	2.0	29
1745	Advances in the molecular mechanisms of NLRP3 inflammasome activators and inactivators. <i>Biochemical Pharmacology</i> , 2020, 175, 113863.	2.0	62
1746	Engineered immunogen binding to alum adjuvant enhances humoral immunity. <i>Nature Medicine</i> , 2020, 26, 430-440.	15.2	172
1747	NLRP3 Inflammasome and Inflammatory Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	1.9	131
1748	Pyroptosis: The missing puzzle among innate and adaptive immunity crosstalk. <i>Journal of Leukocyte Biology</i> , 2020, 108, 323-338.	1.5	44
1749	The strategies of targeting the NLRP3 inflammasome to treat inflammatory diseases. <i>Advances in Immunology</i> , 2020, 145, 55-93.	1.1	44

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1751	Quantum dot-pulsed dendritic cell vaccines plus macrophage polarization for amplified cancer immunotherapy. <i>Biomaterials</i> , 2020, 242, 119928.	5.7	43
1752	Cell-Penetrating Nanoparticles Activate the Inflammasome to Enhance Antibody Production by Targeting Microtubule-Associated Protein 1-Light Chain 3 for Degradation. <i>ACS Nano</i> , 2020, 14, 3703-3717.	7.3	55
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1754	The NLRP3 inflammasome: a therapeutic target for inflammation-associated cancers. <i>Expert Review of Clinical Immunology</i> , 2020, 16, 175-187.	1.3	20
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1760	Transcriptional analysis of THP-1 cells infected with <i>Leishmania infantum</i> indicates no activation of the inflammasome platform. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007949.	1.3	18
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1763	Crosstalk Between Acid Sphingomyelinase and Inflammasome Signaling and Their Emerging Roles in Tissue Injury and Fibrosis. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 378.	1.8	17
1764	Oxidative damage of lysosomes in regulated cell death systems: Pathophysiology and pharmacologic interventions. <i>Free Radical Biology and Medicine</i> , 2020, 157, 94-127.	1.3	18
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1766	NLRP3 Inflammasome: A Potential Alternative Therapy Target for Atherosclerosis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-15.	0.5	14
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1769	Characterization of equine inflammasomes and their regulation. <i>Veterinary Research Communications</i> , 2020, 44, 51-59.	0.6	8
1770	Intragastric administration of dahuang zhechong pill modulates TGF- β 1/smad signaling pathway in murine model of experimental silicosis. <i>Journal of King Saud University - Science</i> , 2020, 32, 3223-3229.	1.6	2
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1776	The neutrophil inflammasome. <i>Developmental and Comparative Immunology</i> , 2021, 115, 103874.	1.0	11
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1782	The role of lysosomal ion channels in lysosome dysfunction. <i>Inhalation Toxicology</i> , 2021, 33, 41-54.	0.8	13
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1792	Manipulation of Inflammasome: A Promising Approach Towards Immunotherapy of Lung Cancer. <i>International Reviews of Immunology</i> , 2021, 40, 171-182.	1.5	11
1793	ATP stabilised and sensitised calcium phosphate nanoparticles as effective adjuvants for a DNA vaccine against cancer. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7435-7446.	2.9	13
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1795	The Mitochondrial Fission Regulator DRP1 Controls Post-Transcriptional Regulation of TNF- α . <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 593805.	1.8	20
1796	Implant Material Bio-compatibility, Sensitivity, and Allergic Reactions. , 2021, , 127-149.		1
1797	Understanding Host Immunity and the Gut Microbiota Inspires the New Development of Vaccines and Adjuvants. <i>Pharmaceutics</i> , 2021, 13, 163.	2.0	7
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1810	Regulation of the NLRP3 Inflammasome by Post-Translational Modifications and Small Molecules. <i>Frontiers in Immunology</i> , 2020, 11, 618231.	2.2	42
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1812	Phagocytosis and activation of bone marrow-derived macrophages by <i>Plasmodium falciparum</i> gametocytes. <i>Malaria Journal</i> , 2021, 20, 81.	0.8	7
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1814	The intricate biophysical puzzle of caspase-1 activation. <i>Archives of Biochemistry and Biophysics</i> , 2021, 699, 108753.	1.4	13
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1817	Activation and Inhibition of the NLRP3 Inflammasome by RNA Viruses. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 1145-1163.	1.6	38
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1830	Adjuvants and Vaccines Used in Allergen-Specific Immunotherapy Induce Neutrophil Extracellular Traps. <i>Vaccines</i> , 2021, 9, 321.	2.1	7
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1832	A small molecule binding HMGB1 inhibits caspase-11-mediated lethality in sepsis. <i>Cell Death and Disease</i> , 2021, 12, 402.	2.7	13
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1838	Understanding The Role of Inflammasome in Angina Pectoris. <i>Current Protein and Peptide Science</i> , 2021, 22, 228-236.	0.7	0
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1852	Luteolin inhibits NLRP3 inflammasome activation via blocking ASC oligomerization. <i>Journal of Nutritional Biochemistry</i> , 2021, 92, 108614.	1.9	18
1853	p38 MAPK Activity Is Required to Prevent Hyperactivation of NLRP3 Inflammasome. <i>Journal of Immunology</i> , 2021, 207, 661-670.	0.4	7
1854	Anti-inflammatory mechanisms and research progress of colchicine in atherosclerotic therapy. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8087-8094.	1.6	14
1855	Metformin inhibition of mitochondrial ATP and DNA synthesis abrogates NLRP3 inflammasome activation and pulmonary inflammation. <i>Immunity</i> , 2021, 54, 1463-1477.e11.	6.6	179
1856	Monocytes promote pyroptosis of endothelial cells during lung ischemia-reperfusion via IL-1R/NF- κ B/NLRP3 signaling. <i>Life Sciences</i> , 2021, 276, 119402.	2.0	18
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1873	Antimycin A-induced mitochondrial dysfunction regulates inflammasome signaling in human retinal pigment epithelial cells. <i>Experimental Eye Research</i> , 2021, 209, 108687.	1.2	8
1874	Nasal alum-adjuvanted vaccine promotes IL-33 release from alveolar epithelial cells that elicits IgA production via type 2 immune responses. <i>PLoS Pathogens</i> , 2021, 17, e1009890.	2.1	9
1875	Chemical Modulation of Gasdermin-Mediated Pyroptosis and Therapeutic Potential. <i>Journal of Molecular Biology</i> , 2022, 434, 167183.	2.0	22
1876	β 2-microglobulin triggers NLRP3 inflammasome activation in tumor-associated macrophages to promote multiple myeloma progression. <i>Immunity</i> , 2021, 54, 1772-1787.e9.	6.6	49
1877	Control of mitosis, inflammation, and cell motility by limited leakage of lysosomes. <i>Current Opinion in Cell Biology</i> , 2021, 71, 29-37.	2.6	25
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1883	AKT controls NLRP3 inflammasome activation by inducing DDX3X phosphorylation. <i>FEBS Letters</i> , 2021, 595, 2447-2462.	1.3	13
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1885	The NLRP3 Inflammasome in the Pathogenesis and Treatment of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 579-598.	1.2	7
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