

Mikhail A Gavrilin

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammasome Activation in an In Vitro Sepsis Model Recapitulates Increased Monocyte Distribution Width Seen in Patients With Sepsis. , 2022, 4, e0631.		7
2	The central inflammasome adaptor protein ASC activates the inflammasome after transition from a soluble to an insoluble state. Journal of Biological Chemistry, 2022, 298, 102024.	3.4	5
3	Defective immunometabolism pathways in cystic fibrosis macrophages. Journal of Cystic Fibrosis, 2021, 20, 664-672.	0.7	5
4	Gasdermin D restricts Burkholderia cenocepacia infection in vitro and in vivo. Scientific Reports, 2021, 11, 855.	3.3	21
5	cAbl Kinase Regulates Inflammasome Activation and Pyroptosis via ASC Phosphorylation. Journal of Immunology, 2021, 206, 1329-1336.	0.8	7
6	Human Placental Trophoblasts Infected by Listeria monocytogenes Undergo a Pro-Inflammatory Switch Associated With Poor Pregnancy Outcomes. Frontiers in Immunology, 2021, 12, 709466.	4.8	17
7	Elevated Expression of MiR-17 in Microglia of Alzheimer's Disease Patients Abrogates Autophagy-Mediated Amyloid- β Degradation. Frontiers in Immunology, 2021, 12, 705581.	4.8	34
8	Caspase-11 regulates lung inflammation in response to house dust mites. Cellular Immunology, 2021, 370, 104425.	3.0	4
9	Dietary Postbiotics Reduced Cytotoxicity and IL-1 Cytokine Release Induced by Crystalline Silica in Lipopolysaccharide-Primed Macrophages. Current Developments in Nutrition, 2020, 4, nzaa068_005.	0.3	0
10	Omega-3 Docosahexaenoic Acid (DHA) Impedes Silica-Induced Macrophage Corpse Accumulation by Attenuating Cell Death and Potentiating Efferocytosis. Frontiers in Immunology, 2020, 11, 2179.	4.8	11
11	Inflammasome Adaptor ASC Is Highly Elevated in Lung Over Plasma and Relates to Inflammation and Lung Diffusion in the Absence of Speck Formation. Frontiers in Immunology, 2020, 11, 461.	4.8	10
12	Brief Report: Increased Cotinine Concentrations are Associated With Reduced Expression of Cathelicidin (LL-37) and NOD-2 in Alveolar Macrophages of PLWH Who Smoke. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 85, 670-673.	2.1	0
13	Docosahexaenoic Acid Suppresses Silica-Induced Inflammasome Activation and IL-1 Cytokine Release by Interfering With Priming Signal. Frontiers in Immunology, 2019, 10, 2130.	4.8	30
14	Caspase-11 Mediates Neutrophil Chemotaxis and Extracellular Trap Formation During Acute Gouty Arthritis Through Alteration of Cofilin Phosphorylation. Frontiers in Immunology, 2019, 10, 2519.	4.8	50
15	Methylomic correlates of autophagy activity in cystic fibrosis. Journal of Cystic Fibrosis, 2019, 18, 491-500.	0.7	21
16	Caspase-11 counteracts mitochondrial ROS-mediated clearance of <i>Staphylococcus aureus</i> in macrophages. EMBO Reports, 2019, 20, e48109.	4.5	28
17	Adenovirus VA RNAI Blocks ASC Oligomerization and Inhibits NLRP3 Inflammasome Activation. Frontiers in Immunology, 2019, 10, 2791.	4.8	23
18	Microparticulate Caspase 1 Regulates Gasdermin D and Pulmonary Vascular Endothelial Cell Injury. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 56-64.	2.9	66

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19	Checks and Balances between Autophagy and Inflammasomes during Infection. <i>Journal of Molecular Biology</i> , 2018, 430, 174-192.	4.2	41
20	CASP4/caspase-11 promotes autophagosome formation in response to bacterial infection. <i>Autophagy</i> , 2018, 14, 1928-1942.	9.1	50
21	Relative Roles of Listeriolysin O, InlA, and InlB in <i>Listeria monocytogenes</i> Uptake by Host Cells. <i>Infection and Immunity</i> , 2018, 86, .	2.2	37
22	Complement Receptor 3-Mediated Inhibition of Inflammasome Priming by Ras GTPase-Activating Protein During <i>Francisella tularensis</i> Phagocytosis by Human Mononuclear Phagocytes. <i>Frontiers in Immunology</i> , 2018, 9, 561.	4.8	13
23	Ethanol and Other Short-Chain Alcohols Inhibit NLRP3 Inflammasome Activation through Protein Tyrosine Phosphatase Stimulation. <i>Journal of Immunology</i> , 2016, 197, 1322-1334.	0.8	37
24	The <i>Yersinia pestis</i> Effector YopM Inhibits Pysin Inflammasome Activation. <i>PLoS Pathogens</i> , 2016, 12, e1006035.	4.7	98
25	Supernatants from stored red blood cell (RBC) units, but not RBC-derived microvesicles, suppress monocyte function in vitro. <i>Transfusion</i> , 2015, 55, 1937-1945.	1.6	44
26	Monocyte Caspase-1 Is Released in a Stable, Active High Molecular Weight Complex Distinct from the Unstable Cell Lysate-Activated Caspase-1. <i>PLoS ONE</i> , 2015, 10, e0142203.	2.5	60
27	House Dust Mite Allergens and the Induction of Monocyte Interleukin 1 β Production That Triggers an IL1 β -Dependent Granulocyte Macrophage Colony-Stimulating Factor Release from Human Lung Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 400-411.	2.9	26
28	Inflammasome Priming Is Similar for <i>Francisella</i> Species That Differentially Induce Inflammasome Activation. <i>PLoS ONE</i> , 2015, 10, e0127278.	2.5	21
29	Receptor Interacting Protein-2 Plays a Critical Role in Human Lung Epithelial Cells Survival in Response to Fas-Induced Cell-Death. <i>PLoS ONE</i> , 2014, 9, e92731.	2.5	12
30	Virulent Type A <i>Francisella tularensis</i> actively suppresses cytokine responses in human monocytes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 45.	3.9	26
31	Inflammasome Priming by Lipopolysaccharide Is Dependent upon ERK Signaling and Proteasome Function. <i>Journal of Immunology</i> , 2014, 192, 3881-3888.	0.8	188
32	Activation of the Pysin Inflammasome by Intracellular <i>Burkholderia cenocepacia</i> . <i>Journal of Immunology</i> , 2012, 188, 3469-3477.	0.8	115
33	Tyrosine phosphatase inhibition induces an ASC-dependent pyroptosis. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 384-389.	2.1	19
34	<i>Francisella</i> Recognition by Inflammasomes: Differences between Mice and Men. <i>Frontiers in Microbiology</i> , 2011, 2, 11.	3.5	33
35	Asc-Dependent and Independent Mechanisms Contribute to Restriction of <i>Legionella Pneumophila</i> Infection in Murine Macrophages. <i>Frontiers in Microbiology</i> , 2011, 2, 18.	3.5	37
36	Autophagy stimulation by rapamycin suppresses lung inflammation and infection by <i>Burkholderia cenocepacia</i> in a model of cystic fibrosis. <i>Autophagy</i> , 2011, 7, 1359-1370.	9.1	180

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37	Apoptosis-associated Speck-like Protein (ASC) Controls Legionella pneumophila Infection in Human Monocytes. Journal of Biological Chemistry, 2011, 286, 3203-3208.	3.4	57
38	Mycoplasma Suppression of THP-1 Cell TLR Responses Is Corrected with Antibiotics. PLoS ONE, 2010, 5, e9900.	2.5	31
39	Pyrin Critical to Macrophage IL-1 β Response to Francisella Challenge. Journal of Immunology, 2009, 182, 7982-7989.	0.8	91
40	Inflammasome mRNA Expression in Human Monocytes during Early Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 983-988.	5.6	80
41	Microarray Analysis of Human Monocytes Infected with Francisella tularensis Identifies New Targets of Host Response Subversion. PLoS ONE, 2008, 3, e2924.	2.5	110
42	Pyrin Levels in Human Monocytes and Monocyte-Derived Macrophages Regulate IL-1 β Processing and Release. Journal of Immunology, 2007, 179, 1274-1281.	0.8	125
43	Monocyte mRNA Phenotype and Adverse Outcomes From Pediatric Multiple Organ Dysfunction Syndrome. Pediatric Research, 2007, 62, 597-603.	2.3	51
44	Internalization and phagosome escape required for Francisella to induce human monocyte IL-1 β processing and release. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 141-146.	7.1	181
45	NF- κ B-dependent Fas ligand expression. European Journal of Immunology, 1999, 29, 2948-2956.	2.9	68