

Mordechay Gerlic

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

4,691
citations

201674

27
h-index

189892

50
g-index

61
all docs

61
docs citations

61
times ranked

8243
citing authors

#	ARTICLE	IF	CITATIONS
1	RIPK3 promotes cell death and NLRP3 inflammasome activation in the absence of MLKL. <i>Nature Communications</i> , 2015, 6, 6282.	12.8	514
2	RIPK1 Regulates RIPK3-MLKL-Driven Systemic Inflammation and Emergency Hematopoiesis. <i>Cell</i> , 2014, 157, 1175-1188.	28.9	492
3	The diverse role of RIP kinases in necroptosis and inflammation. <i>Nature Immunology</i> , 2015, 16, 689-697.	14.5	399
4	Cutting Edge: miR-223 and EBV miR-BART15 Regulate the NLRP3 Inflammasome and IL-1 β Production. <i>Journal of Immunology</i> , 2012, 189, 3795-3799.	0.8	387
5	miR-223: infection, inflammation and cancer. <i>Journal of Internal Medicine</i> , 2013, 274, 215-226.	6.0	360
6	NLRP1 Inflammasome Activation Induces Pyroptosis of Hematopoietic Progenitor Cells. <i>Immunity</i> , 2012, 37, 1009-1023.	14.3	257
7	NLRP3 inflammasome in fibroblasts links tissue damage with inflammation in breast cancer progression and metastasis. <i>Nature Communications</i> , 2019, 10, 4375.	12.8	190
8	Malaria parasite DNA-harboring vesicles activate cytosolic immune sensors. <i>Nature Communications</i> , 2017, 8, 1985.	12.8	160
9	Phosphatidylserine externalization, necroptotic bodies release, and phagocytosis during necroptosis. <i>PLoS Biology</i> , 2017, 15, e2002711.	5.6	148
10	The CARD plays a critical role in ASC foci formation and inflammasome signalling. <i>Biochemical Journal</i> , 2013, 449, 613-621.	3.7	143
11	Potential Antigenic Cross-reactivity Between Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Dengue Viruses. <i>Clinical Infectious Diseases</i> , 2021, 73, e2444-e2449.	5.8	137
12	IL-18 Production from the NLRP1 Inflammasome Prevents Obesity and Metabolic Syndrome. <i>Cell Metabolism</i> , 2016, 23, 155-164.	16.2	133
13	Flipping the dogma – phosphatidylserine in non-apoptotic cell death. <i>Cell Communication and Signaling</i> , 2019, 17, 139.	6.5	117
14	A <i>Toxoplasma gondii</i> Gluconeogenic Enzyme Contributes to Robust Central Carbon Metabolism and Is Essential for Replication and Virulence. <i>Cell Host and Microbe</i> , 2015, 18, 210-220.	11.0	95
15	Macrophages, rather than DCs, are responsible for inflammasome activity in the GM-CSF BMDC model. <i>Nature Immunology</i> , 2019, 20, 397-406.	14.5	85
16	Vaccinia virus F1L protein promotes virulence by inhibiting inflammasome activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7808-7813.	7.1	81
17	NLRP1 restricts butyrate producing commensals to exacerbate inflammatory bowel disease. <i>Nature Communications</i> , 2018, 9, 3728.	12.8	81
18	Necroptosis directly induces the release of full-length biologically active IL-33 <i>in vitro</i> and in an inflammatory disease model. <i>FEBS Journal</i> , 2019, 286, 507-522.	4.7	77

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19	Regulation of Starch Stores by a Ca ²⁺ -Dependent Protein Kinase Is Essential for Viable Cyst Development in <i>Toxoplasma gondii</i> . <i>Cell Host and Microbe</i> , 2015, 18, 670-681.	11.0	71
20	A comparative genomics methodology reveals a widespread family of membrane-disrupting T6SS effectors. <i>Nature Communications</i> , 2020, 11, 1085.	12.8	60
21	Pyroptotic death storms and cytopenia. <i>Current Opinion in Immunology</i> , 2014, 26, 128-137.	5.5	55
22	ARTS and Siah Collaborate in a Pathway for XIAP Degradation. <i>Molecular Cell</i> , 2011, 41, 107-116.	9.7	53
23	Discovery and Characterization of 2-Aminobenzimidazole Derivatives as Selective NOD1 Inhibitors. <i>Chemistry and Biology</i> , 2011, 18, 825-832.	6.0	50
24	BNT162b2 vaccination effectively prevents the rapid rise of SARS-CoV-2 variant B.1.1.7 in high-risk populations in Israel. <i>Cell Reports Medicine</i> , 2021, 2, 100264.	6.5	45
25	Mechanisms of RIPK3-induced inflammation. <i>Immunology and Cell Biology</i> , 2017, 95, 166-172.	2.3	39
26	Metastasis-Entrained Eosinophils Enhance Lymphocyte-Mediated Antitumor Immunity. <i>Cancer Research</i> , 2021, 81, 5555-5571.	0.9	35
27	Ptpn6 inhibits caspase-8- and Ripk3/Mlkl-dependent inflammation. <i>Nature Immunology</i> , 2020, 21, 54-64.	14.5	33
28	Cutting Edge: Blockade of Inhibitor of Apoptosis Proteins Sensitizes Neutrophils to TNF- but Not Lipopolysaccharide-Mediated Cell Death and IL-1 β Secretion. <i>Journal of Immunology</i> , 2018, 200, 3341-3346.	0.8	31
29	Rapid seroconversion and persistent functional IgG antibodies in severe COVID-19 patients correlates with an IL-12p70 and IL-33 signature. <i>Scientific Reports</i> , 2021, 11, 3461.	3.3	30
30	Fight or flight. <i>Current Opinion in Hematology</i> , 2015, 22, 293-301.	2.5	29
31	Fas regulates neutrophil lifespan during viral and bacterial infection. <i>Journal of Leukocyte Biology</i> , 2015, 97, 321-326.	3.3	28
32	The lncRNA H19-Derived MicroRNA-675 Promotes Liver Necroptosis by Targeting FADD. <i>Cancers</i> , 2021, 13, 411.	3.7	28
33	The NLR-related protein NWD1 is associated with prostate cancer and modulates androgen receptor signaling. <i>Oncotarget</i> , 2014, 5, 1666-1682.	1.8	25
34	Proteomic analysis of necroptotic extracellular vesicles. <i>Cell Death and Disease</i> , 2021, 12, 1059.	6.3	25
35	Malaria parasites both repress host CXCL10 and use it as a cue for growth acceleration. <i>Nature Communications</i> , 2021, 12, 4851.	12.8	22
36	<i>Mycoplasma fermentans</i> inhibits tumor necrosis factor α -induced apoptosis in the human myelomonocytic U937 cell line. <i>Cell Death and Differentiation</i> , 2004, 11, 1204-1212.	11.2	19

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37	Structural Determinants of Caspase-9 Inhibition by the Vaccinia Virus Protein, F1L. <i>Journal of Biological Chemistry</i> , 2011, 286, 30748-30758.	3.4	17
38	A genetic system for biasing the sex ratio in mice. <i>EMBO Reports</i> , 2019, 20, e48269.	4.5	15
39	<i>Vibrio</i> pore-forming leukocidin activates pyroptotic cell death via the NLRP3 inflammasome. <i>Emerging Microbes and Infections</i> , 2020, 9, 278-290.	6.5	15
40	The inhibitory effect of <i>Mycoplasma fermentans</i> on tumour necrosis factor (TNF)-alpha-induced apoptosis resides in the membrane lipoproteins. <i>Cellular Microbiology</i> , 2007, 9, 142-153.	2.1	14
41	A TR3/Nur77 Peptide-Based High-Throughput Fluorescence Polarization Screen for Small Molecule Bcl-B Inhibitors. <i>Journal of Biomolecular Screening</i> , 2008, 13, 665-673.	2.6	12
42	Distinguishing Necroptosis from Apoptosis. <i>Methods in Molecular Biology</i> , 2018, 1857, 35-51.	0.9	11
43	NLRP1 variant M1184V decreases inflammasome activation in the context of DPP9 inhibition and asthma severity. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 2134-2145.e20.	2.9	11
44	Necroptotic extracellular vesicles – present and future. <i>Seminars in Cell and Developmental Biology</i> , 2021, 109, 106-113.	5.0	10
45	Exploding the necroptotic bubble. <i>Cell Stress</i> , 2017, 1, 107-109.	3.2	8
46	NLRP1a Expression in Srebp-1a-Deficient Mice. <i>Cell Metabolism</i> , 2014, 19, 345-346.	16.2	6
47	Promoting Simultaneous Onset of Viral Gene Expression Among Cells Infected with Herpes Simplex Virus-1. <i>Frontiers in Microbiology</i> , 2017, 8, 2152.	3.5	5
48	Defining a therapeutic window for kinase inhibitors in leukemia to avoid neutropenia. <i>Oncotarget</i> , 2017, 8, 57948-57963.	1.8	4
49	Myelopoiesis embraces its inner weakness. <i>Nature Immunology</i> , 2017, 18, 953-954.	14.5	1
50	Abstract LB-74: The NLR-related protein NWD1 is associated with prostate cancer and modulates androgen receptor signaling. , 2014, , .		1
51	OR11-006 - A mutation in NLRP1A causes autoinflammation. <i>Pediatric Rheumatology</i> , 2013, 11, .	2.1	0
52	A healthy appetite for <i>Toxoplasma</i> at the cellular level. <i>Immunology and Cell Biology</i> , 2014, 92, 813-814.	2.3	0
53	Walking down the memory lane with SARS-CoV-2 B cells. <i>Immunology and Cell Biology</i> , 2021, 99, 796-799.	2.3	0
54	Activation of the NLRP1 Inflammasome Induces the Pyroptotic Death of Hematopoietic Progenitor Cells. <i>Blood</i> , 2012, 120, 1213-1213.	1.4	0

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55	Necroptotic Death Of RIPK1-Deficient HSC Compromises Hematopoiesis. Blood, 2013, 122, 218-218.	1.4	0
56	Fas Controls Neutrophil Lifespan during Bacterial and Viral Infection. Blood, 2014, 124, 1579-1579.	1.4	0