

Monowar Aziz

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

4,801
citations

117453

34
h-index

114278

63
g-index

100
all docs

100
docs citations

100
times ranked

4533
citing authors

#	ARTICLE	IF	CITATIONS
1	DAMPs and NETs in Sepsis. <i>Frontiers in Immunology</i> , 2019, 10, 2536.	2.2	333
2	Cold-inducible RNA-binding protein (CIRP) triggers inflammatory responses in hemorrhagic shock and sepsis. <i>Nature Medicine</i> , 2013, 19, 1489-1495.	15.2	322
3	Current trends in inflammatory and immunomodulatory mediators in sepsis. <i>Journal of Leukocyte Biology</i> , 2012, 93, 329-342.	1.5	244
4	Release mechanisms of major DAMPs. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021, 26, 152-162.	2.2	214
5	Ghrelin Attenuates Sepsis-induced Acute Lung Injury and Mortality in Rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 805-813.	2.5	198
6	Ghrelin Down-regulates Proinflammatory Cytokines in Sepsis Through Activation of the Vagus Nerve. <i>Annals of Surgery</i> , 2007, 245, 480-486.	2.1	174
7	Review: milk fat globule-EGF factor 8 expression, function and plausible signal transduction in resolving inflammation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 1077-1086.	2.2	129
8	Extracellular CIRP (eCIRP) and inflammation. <i>Journal of Leukocyte Biology</i> , 2019, 106, 133-146.	1.5	124
9	Neutrophil phenotypes and functions in cancer: A consensus statement. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	119
10	Milk Fat Globule Epidermal Growth Factor 8 Attenuates Acute Lung Injury in Mice after Intestinal Ischemia and Reperfusion. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 238-246.	2.5	113
11	DENDRITIC CELL-DERIVED EXOSOMES CONTAINING MILK FAT GLOBULE EPIDERMAL GROWTH FACTOR-FACTOR VIII ATTENUATE PROINFLAMMATORY RESPONSES IN SEPSIS. <i>Shock</i> , 2006, 25, 586-593.	1.0	99
12	Immature Dendritic Cell-Derived Exosomes Rescue Septic Animals Via Milk Fat Globule Epidermal Growth Factor VIII. <i>Journal of Immunology</i> , 2009, 183, 5983-5990.	0.4	99
13	The role of B-1 cells in inflammation. <i>Immunologic Research</i> , 2015, 63, 153-166.	1.3	91
14	Upregulation of cardiovascular ghrelin receptor occurs in the hyperdynamic phase of sepsis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H1296-H1302.	1.5	90
15	Ghrelin Suppresses Inflammation and Neuronal Nitric Oxide Synthase in Focal Cerebral Ischemia Via the Vagus Nerve. <i>Shock</i> , 2011, 35, 258-265.	1.0	90
16	B-1a cells protect mice from sepsis-induced acute lung injury. <i>Molecular Medicine</i> , 2018, 24, 26.	1.9	90
17	Neutralization of osteopontin attenuates neutrophil migration in sepsis-induced acute lung injury. <i>Critical Care</i> , 2015, 19, 53.	2.5	88
18	Cold-inducible RNA-binding protein mediates neuroinflammation in cerebral ischemia. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2253-2261.	1.1	82

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19	Cold-inducible RNA-binding protein causes endothelial dysfunction via activation of Nlrp3 inflammasome. <i>Scientific Reports</i> , 2016, 6, 26571.	1.6	81
20	Extracellular CIRP as an endogenous TREM-1 ligand to fuel inflammation in sepsis. <i>JCI Insight</i> , 2020, 5, .	2.3	81
21	The vitals of NETs. <i>Journal of Leukocyte Biology</i> , 2021, 110, 797-808.	1.5	77
22	CIRP increases ICAM-1+ phenotype of neutrophils exhibiting elevated iNOS and NETs in sepsis. <i>Journal of Leukocyte Biology</i> , 2018, 103, 693-707.	1.5	76
23	Pre-Treatment of Recombinant Mouse MFG-E8 Downregulates LPS-Induced TNF- α Production in Macrophages via STAT3-Mediated SOCS3 Activation. <i>PLoS ONE</i> , 2011, 6, e27685.	1.1	74
24	Milk Fat Globule-Epidermal Growth Factor-Factor 8 Attenuates Neutrophil Infiltration in Acute Lung Injury via Modulation of CXCR2. <i>Journal of Immunology</i> , 2012, 189, 393-402.	0.4	72
25	Blocking Cold-Inducible RNA-Binding Protein Protects Liver From Ischemia-Reperfusion Injury. <i>Shock</i> , 2015, 43, 24-30.	1.0	72
26	Cold-inducible RNA-binding protein (CIRP) causes sepsis-associated acute lung injury via induction of endoplasmic reticulum stress. <i>Scientific Reports</i> , 2017, 7, 41363.	1.6	65
27	Exosomes in Sepsis. <i>Frontiers in Immunology</i> , 2020, 11, 2140.	2.2	57
28	B-1a Cells Protect Mice from Sepsis: Critical Role of CREB. <i>Journal of Immunology</i> , 2017, 199, 750-760.	0.4	48
29	Growth Arrest-Specific Protein 6 Attenuates Neutrophil Migration and Acute Lung Injury in Sepsis. <i>Shock</i> , 2013, 40, 485-491.	1.0	47
30	FK866, a Visfatin Inhibitor, Protects Against Acute Lung Injury After Intestinal Ischemia-Reperfusion in Mice via NF- κ B Pathway. <i>Annals of Surgery</i> , 2014, 259, 1007-1017.	2.1	46
31	The interplay of DAMPs, TLR4, and proinflammatory cytokines in pulmonary fibrosis. <i>Journal of Molecular Medicine</i> , 2021, 99, 1373-1384.	1.7	45
32	Differential alterations of tissue T-cell subsets after sepsis. <i>Immunology Letters</i> , 2015, 168, 41-50.	1.1	41
33	A cold-inducible RNA-binding protein (CIRP)-derived peptide attenuates inflammation and organ injury in septic mice. <i>Scientific Reports</i> , 2018, 8, 3052.	1.6	41
34	Cold-inducible RNA-binding protein activates splenic T cells during sepsis in a TLR4-dependent manner. <i>Cellular and Molecular Immunology</i> , 2018, 15, 38-47.	4.8	41
35	Extracellular microRNA-130b inhibits CIRP-induced inflammation. <i>EMBO Reports</i> , 2020, 21, e48075.	2.0	40
36	Cold-Inducible RNA-Binding Protein Is an Important Mediator of Alcohol-Induced Brain Inflammation. <i>PLoS ONE</i> , 2013, 8, e79430.	1.1	40

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37	Cold-inducible RNA-binding protein through TLR4 signaling induces mitochondrial DNA fragmentation and regulates macrophage cell death after trauma. <i>Cell Death and Disease</i> , 2017, 8, e2775-e2775.	2.7	39
38	Deficiency of cold-inducible ribonucleic acid-binding protein reduces renal injury after ischemia-reperfusion. <i>Surgery</i> , 2016, 160, 473-483.	1.0	38
39	CIRP Induces Neutrophil Reverse Transendothelial Migration in Sepsis. <i>Shock</i> , 2019, 51, 548-556.	1.0	37
40	Cold-inducible RNA-binding Protein Induces Neutrophil Extracellular Traps in the Lungs during Sepsis. <i>Scientific Reports</i> , 2019, 9, 6252.	1.6	36
41	The Protective Effect of A Short Peptide Derived From Cold-Inducible RNA-Binding Protein in Renal Ischemia-Reperfusion Injury. <i>Shock</i> , 2018, 49, 269-276.	1.0	35
42	Extracellular CIRP and TREM-1 axis promotes ICAM-1 α -RhoA-mediated NETosis in sepsis. <i>FASEB Journal</i> , 2020, 34, 9771-9786.	0.2	34
43	Ghrelin Hyporesponsiveness Contributes to Age-Related Hyperinflammation in Septic Shock. <i>Annals of Surgery</i> , 2009, 250, 126-133.	2.1	32
44	Extracellular CIRP induces macrophage endotoxin tolerance through IL-6-mediated STAT3 activation. <i>JCI Insight</i> , 2020, 5, .	2.3	32
45	Milk fat globule-EGF factor VIII ameliorates liver injury after hepatic ischemia-reperfusion. <i>Journal of Surgical Research</i> , 2013, 180, e37-e46.	0.8	30
46	Deficiency in cold-inducible RNA-binding protein attenuates acute respiratory distress syndrome induced by intestinal ischemia-reperfusion. <i>Surgery</i> , 2017, 162, 917-927.	1.0	29
47	Human Ghrelin Mitigates Intestinal Injury and Mortality after Whole Body Irradiation in Rats. <i>PLoS ONE</i> , 2015, 10, e0118213.	1.1	29
48	Upregulation of GRAIL Is Associated with Impaired CD4 T Cell Proliferation in Sepsis. <i>Journal of Immunology</i> , 2014, 192, 2305-2314.	0.4	27
49	Role of reverse transendothelial migration of neutrophils in inflammation. <i>Biological Chemistry</i> , 2016, 397, 497-506.	1.2	27
50	Attenuation of hemorrhage-associated lung injury by adjuvant treatment with C23, an oligopeptide derived from cold-inducible RNA-binding protein. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 690-697.	1.1	27
51	Targeting junctional adhesion molecule-C ameliorates sepsis-induced acute lung injury by decreasing CXCR4+ aged neutrophils. <i>Journal of Leukocyte Biology</i> , 2018, 104, 1159-1171.	1.5	25
52	MFG-E8 inhibits neutrophil migration through α 23-integrin-dependent MAP kinase activation. <i>International Journal of Molecular Medicine</i> , 2015, 36, 18-28.	1.8	23
53	Cold-inducible RNA-binding protein-derived peptide C23 attenuates inflammation and tissue injury in a murine model of intestinal ischemia-reperfusion. <i>Surgery</i> , 2018, 164, 1191-1197.	1.0	23
54	C23, an oligopeptide derived from cold-inducible RNA-binding protein, suppresses inflammation and reduces lung injury in neonatal sepsis. <i>Journal of Pediatric Surgery</i> , 2019, 54, 2053-2060.	0.8	23

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55	Exosome-Mediated eCIRP Release From Macrophages to Induce Inflammation in Sepsis. <i>Frontiers in Pharmacology</i> , 2021, 12, 791648.	1.6	23
56	Therapeutic effect of human ghrelin and growth hormone: Attenuation of immunosuppression in septic aged rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2584-2593.	1.8	21
57	Therapeutic Potential of B-1a Cells in COVID-19. <i>Shock</i> , 2020, 54, 586-594.	1.0	21
58	Extracellular cold-inducible RNA-binding protein regulates neutrophil extracellular trap formation and tissue damage in acute pancreatitis. <i>Laboratory Investigation</i> , 2020, 100, 1618-1630.	1.7	21
59	Ghrelin as an Anti-Sepsis Peptide: Review. <i>Frontiers in Immunology</i> , 2020, 11, 610363.	2.2	20
60	Measurement of Phagocytic Engulfment of Apoptotic Cells by Macrophages Using pHrodo Succinimidyl Ester. <i>Current Protocols in Immunology</i> , 2013, 100, Unit 14.31..	3.6	19
61	Extracellular CIRP Induces Inflammation in Alveolar Type II Cells via TREM-1. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 579157.	1.8	19
62	Inhibition of a triggering receptor expressed on myeloid cells-1 (TREM-1) with an extracellular cold-inducible RNA-binding protein (eCIRP)-derived peptide protects mice from intestinal ischemia-reperfusion injury. <i>Surgery</i> , 2020, 168, 478-485.	1.0	19
63	Damage-Associated Molecular Patterns As Double-Edged Swords in Sepsis. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 1308-1323.	2.5	19
64	Extracellular CIRP activates STING to exacerbate hemorrhagic shock. <i>JCI Insight</i> , 2021, 6, .	2.3	19
65	TREM-1 Modulation Strategies for Sepsis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	19
66	Combined Administration of Human Ghrelin and Human Growth Hormone Attenuates Organ Injury and Improves Survival in Aged Septic Rats. <i>Molecular Medicine</i> , 2016, 22, 124-135.	1.9	18
67	AICAR Attenuates Organ Injury and Inflammatory Response after Intestinal Ischemia and Reperfusion. <i>Molecular Medicine</i> , 2014, 20, 676-683.	1.9	16
68	Milk Fat Globule-EGF Factor VIII Attenuates CNS Injury by Promoting Neural Stem Cell Proliferation and Migration after Cerebral Ischemia. <i>PLoS ONE</i> , 2015, 10, e0122833.	1.1	16
69	Frontline Science: Extracellular CIRP generates a proinflammatory Ly6G+CD11bhi subset of low-density neutrophils in sepsis. <i>Journal of Leukocyte Biology</i> , 2021, 109, 1019-1032.	1.5	16
70	Inhibition of Efferocytosis by Extracellular CIRP Induced Neutrophil Extracellular Traps. <i>Journal of Immunology</i> , 2021, 206, 797-806.	0.4	16
71	Extracellular CIRP Promotes GPX4-Mediated Ferroptosis in Sepsis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	16
72	Active Release of eCIRP via Gasdermin D Channels to Induce Inflammation in Sepsis. <i>Journal of Immunology</i> , 2022, 208, 2184-2195.	0.4	15

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73	MFG-E8-derived peptide attenuates adhesion and migration of immune cells to endothelial cells. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1201-1209.	1.5	14
74	Buprenorphine Markedly Elevates a Panel of Surrogate Markers in a Murine Model of Sepsis. <i>Shock</i> , 2019, 52, 550-553.	1.0	14
75	Extracellular CIRP Induces Macrophage Extracellular Trap Formation Via Gasdermin D Activation. <i>Frontiers in Immunology</i> , 2021, 12, 780210.	2.2	13
76	Anti-interferon- γ receptor 1 antibodies attenuate inflammation and organ injury following hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 881-890.	1.1	12
77	The protective role of human ghrelin in sepsis: Restoration of CD4 T cell proliferation. <i>PLoS ONE</i> , 2018, 13, e0201139.	1.1	10
78	Targeting the eCIRP/TREM-1 interaction with a small molecule inhibitor improves cardiac dysfunction in neonatal sepsis. <i>Molecular Medicine</i> , 2020, 26, 121.	1.9	10
79	Potential Role of Extracellular CIRP in Alcohol-Induced Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 5000-5010.	1.9	10
80	The Role of Siglec-G on Immune Cells in Sepsis. <i>Frontiers in Immunology</i> , 2021, 12, 621627.	2.2	10
81	Extracellular CIRP Activates the IL-6/STAT3/Cdk5 Pathway in Neurons. <i>Molecular Neurobiology</i> , 2021, 58, 3628-3640.	1.9	10
82	Extracellular CIRP Induces an Inflammatory Phenotype in Pulmonary Fibroblasts via TLR4. <i>Frontiers in Immunology</i> , 2021, 12, 721970.	2.2	10
83	Milk fat globule-epidermal growth factor-factor VIII attenuates sepsis-induced acute kidney injury. <i>Journal of Surgical Research</i> , 2017, 213, 281-289.	0.8	9
84	Milk fat globule-epidermal growth factor-factor VIII-derived peptide MSP68 is a cytoskeletal immunomodulator of neutrophils that inhibits Rac1. <i>Journal of Surgical Research</i> , 2017, 208, 10-19.	0.8	8
85	Inhibition of the Interaction of TREM-1 and eCIRP Attenuates Inflammation and Improves Survival in Hepatic Ischemia/Reperfusion. <i>Shock</i> , 2022, 57, 246-255.	1.0	7
86	An extracellular cold-inducible RNA-binding protein-derived small peptide targeting triggering receptor expressed on myeloid cells-1 attenuates hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 809-815.	1.1	6
87	Milk fat globule-epidermal growth factor-factor VIII downregulates interleukin-17 expression in sepsis by modulating STAT3 activation. <i>Surgery</i> , 2016, 159, 560-569.	1.0	5
88	A novel eCIRP/TREM-1 pathway inhibitor attenuates acute kidney injury. <i>Surgery</i> , 2022, 172, 639-647.	1.0	5
89	Necroptosis-Mediated eCIRP Release in Sepsis. <i>Journal of Inflammation Research</i> , 0, Volume 15, 4047-4059.	1.6	5
90	Recombinant human milk fat globule-EGF factor VIII (rhMFG-E8) as a therapy for sepsis after acute exposure to alcohol. <i>Molecular Medicine</i> , 2019, 25, 52.	1.9	4

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91	Extracellular CIRP decreases Siglec-G expression on B-1a cells skewing them towards a pro-inflammatory phenotype in sepsis. <i>Molecular Medicine</i> , 2021, 27, 55.	1.9	4
92	Role of MFG-E8 in Neonatal Inflammation. , 2017, , 21-30.		3
93	MFG-E8-derived peptide attenuates inflammation and injury after renal ischemia-reperfusion in mice. <i>Heliyon</i> , 2020, 6, e05794.	1.4	3
94	The role of eCIRP in bleomycin-induced pulmonary fibrosis in mice. <i>PLoS ONE</i> , 2022, 17, e0266163.	1.1	3
95	Therapeutic Potential of B-1a Cells in Intestinal Ischemia-Reperfusion Injury. <i>Journal of Surgical Research</i> , 2021, 268, 326-336.	0.8	2
96	Novel Inflammatory and Immunomodulatory Mediators in Sepsis. , 2017, , 211-234.		1
97	MFG-E8 and Acute Lung Injury. , 2014, , 149-172.		1
98	What's New in Shock, May 2016?. <i>Shock</i> , 2016, 45, 471-474.	1.0	0
99	Role of MFG-E8 in the Brain. , 2014, , 173-187.		0