

Haichao Wang

List of Publications by Citations

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208
papers

36,814
citations

77
h-index

191
g-index

222
ext. papers

41,377
ext. citations

8.9
avg, IF

6.56
L-index

#	Paper	IF	Citations
208	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
207	HMG-1 as a late mediator of endotoxin lethality in mice. <i>Science</i> , 1999 , 285, 248-51	33.3	3435
206	Vagus nerve stimulation attenuates the systemic inflammatory response to endotoxin. <i>Nature</i> , 2000 , 405, 458-62	50.4	2853
205	Nicotinic acetylcholine receptor alpha7 subunit is an essential regulator of inflammation. <i>Nature</i> , 2003 , 421, 384-8	50.4	2834
204	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	10.2	2783
203	Cholinergic agonists inhibit HMGB1 release and improve survival in experimental sepsis. <i>Nature Medicine</i> , 2004 , 10, 1216-21	50.5	1452
202	High mobility group 1 protein (HMG-1) stimulates proinflammatory cytokine synthesis in human monocytes. <i>Journal of Experimental Medicine</i> , 2000 , 192, 565-70	16.6	1194
201	Reversing established sepsis with antagonists of endogenous high-mobility group box 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 296-301	11.5	954
200	HMG-1 as a mediator of acute lung inflammation. <i>Journal of Immunology</i> , 2000 , 165, 2950-4	5.3	631
199	HMGB1 signals through toll-like receptor (TLR) 4 and TLR2. <i>Shock</i> , 2006 , 26, 174-9	3.4	619
198	A critical cysteine is required for HMGB1 binding to Toll-like receptor 4 and activation of macrophage cytokine release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 11942-7	11.5	581
197	HMGB1 in health and disease. <i>Molecular Aspects of Medicine</i> , 2014 , 40, 1-116	16.7	557
196	Novel role of PKR in inflammasome activation and HMGB1 release. <i>Nature</i> , 2012 , 488, 670-4	50.4	542
195	The cytokine activity of HMGB1. <i>Journal of Leukocyte Biology</i> , 2005 , 78, 1-8	6.5	407
194	HMGB1 as a late mediator of lethal systemic inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 1768-73	10.2	395
193	Extracellular role of HMGB1 in inflammation and sepsis. <i>Journal of Internal Medicine</i> , 2004 , 255, 320-31	10.8	389
192	A novel role for HMGB1 in TLR9-mediated inflammatory responses to CpG-DNA. <i>Blood</i> , 2007 , 110, 1970-81	8.1	361

191	Activation of gene expression in human neutrophils by high mobility group box 1 protein. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 284, C870-9	5.4	352
190	Role of HMGB1 in apoptosis-mediated sepsis lethality. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1637-42	16.2	312
189	IFN-gamma induces high mobility group box 1 protein release partly through a TNF-dependent mechanism. <i>Journal of Immunology</i> , 2003 , 170, 3890-7	5.3	283
188	Structural Basis for the Proinflammatory Cytokine Activity of High Mobility Group Box 1. <i>Molecular Medicine</i> , 2003 , 9, 37-45	6.2	261
187	Proinflammatory cytokines (tumor necrosis factor and interleukin 1) stimulate release of high mobility group protein-1 by pituicytes. <i>Surgery</i> , 1999 , 126, 389-392	3.6	259
186	HSPB1 as a novel regulator of ferroptotic cancer cell death. <i>Oncogene</i> , 2015 , 34, 5617-25	9.2	257
185	JAK/STAT1 signaling promotes HMGB1 hyperacetylation and nuclear translocation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 3068-73	11.5	245
184	A new model of sciatic inflammatory neuritis (SIN): induction of unilateral and bilateral mechanical allodynia following acute unilateral peri-sciatic immune activation in rats. <i>Pain</i> , 2001 , 94, 231-244	8	243
183	PKM2 regulates the Warburg effect and promotes HMGB1 release in sepsis. <i>Nature Communications</i> , 2014 , 5, 4436	17.4	241
182	Spermine inhibits proinflammatory cytokine synthesis in human mononuclear cells: a counterregulatory mechanism that restrains the immune response. <i>Journal of Experimental Medicine</i> , 1997 , 185, 1759-68	16.6	241
181	High mobility group box chromosomal protein 1: a novel proinflammatory mediator in synovitis. <i>Arthritis and Rheumatism</i> , 2002 , 46, 2598-603		240
180	Hydrogen peroxide stimulates macrophages and monocytes to actively release HMGB1. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 741-7	6.5	225
179	The Endotoxin Delivery Protein HMGB1 Mediates Caspase-11-Dependent Lethality in Sepsis. <i>Immunity</i> , 2018 , 49, 740-753.e7	32.3	217
178	Cold-inducible RNA-binding protein (CIRP) triggers inflammatory responses in hemorrhagic shock and sepsis. <i>Nature Medicine</i> , 2013 , 19, 1489-1495	50.5	214
177	MD-2 is required for disulfide HMGB1-dependent TLR4 signaling. <i>Journal of Experimental Medicine</i> , 2015 , 212, 5-14	16.6	214
176	High Mobility Group Box Protein 1 (HMGB1): The Prototypical Endogenous Danger Molecule. <i>Molecular Medicine</i> , 2015 , 21 Suppl 1, S6-S12	6.2	211
175	PKM2-dependent glycolysis promotes NLRP3 and AIM2 inflammasome activation. <i>Nature Communications</i> , 2016 , 7, 13280	17.4	210
174	Lipid Peroxidation Drives Gasdermin D-Mediated Pyroptosis in Lethal Polymicrobial Sepsis. <i>Cell Host and Microbe</i> , 2018 , 24, 97-108.e4	23.4	206

173	Transcutaneous vagus nerve stimulation reduces serum high mobility group box 1 levels and improves survival in murine sepsis *. <i>Critical Care Medicine</i> , 2007 , 35, 2762-2768	1.4	195
172	Elevated high-mobility group box 1 levels in patients with cerebral and myocardial ischemia. <i>Shock</i> , 2006 , 25, 571-4	3.4	191
171	Transcutaneous vagus nerve stimulation reduces serum high mobility group box 1 levels and improves survival in murine sepsis. <i>Critical Care Medicine</i> , 2007 , 35, 2762-8	1.4	182
170	The HMGB1/RAGE inflammatory pathway promotes pancreatic tumor growth by regulating mitochondrial bioenergetics. <i>Oncogene</i> , 2014 , 33, 567-77	9.2	157
169	Bacterial endotoxin stimulates macrophages to release HMGB1 partly through CD14- and TNF-dependent mechanisms. <i>Journal of Leukocyte Biology</i> , 2004 , 76, 994-1001	6.5	154
168	Increased serum concentrations of high-mobility-group protein 1 in haemorrhagic shock. <i>Lancet, The</i> , 1999 , 354, 1446-7	4.0	152
167	Intracellular Hmgb1 inhibits inflammatory nucleosome release and limits acute pancreatitis in mice. <i>Gastroenterology</i> , 2014 , 146, 1097-107	13.3	151
166	A cardiovascular drug rescues mice from lethal sepsis by selectively attenuating a late-acting proinflammatory mediator, high mobility group box 1. <i>Journal of Immunology</i> , 2007 , 178, 3856-64	5.3	137
165	Fetuin (alpha2-HS-glycoprotein) opsonizes cationic macrophage-deactivating molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 14429-34	11.5	135
164	Structural basis for the proinflammatory cytokine activity of high mobility group box 1. <i>Molecular Medicine</i> , 2003 , 9, 37-45	6.2	134
163	EGCG stimulates autophagy and reduces cytoplasmic HMGB1 levels in endotoxin-stimulated macrophages. <i>Biochemical Pharmacology</i> , 2011 , 81, 1152-63	6	127
162	HMGB-1, a DNA-binding protein with cytokine activity, induces brain TNF and IL-6 production, and mediates anorexia and taste aversion. <i>Cytokine</i> , 2002 , 18, 231-6	4	125
161	▮ nicotinic acetylcholine receptor signaling inhibits inflammasome activation by preventing mitochondrial DNA release. <i>Molecular Medicine</i> , 2014 , 20, 350-8	6.2	124
160	Regulation of HMGB1 release by inflammasomes. <i>Protein and Cell</i> , 2013 , 4, 163-7	7.2	120
159	The anti-inflammatory effects of heat shock protein 72 involve inhibition of high-mobility-group box 1 release and proinflammatory function in macrophages. <i>Journal of Immunology</i> , 2007 , 179, 1236-44	5.3	120
158	Recombinant HMGB1 with cytokine-stimulating activity. <i>Journal of Immunological Methods</i> , 2004 , 289, 211-23	2.5	118
157	Targeting Inflammation Driven by HMGB1. <i>Frontiers in Immunology</i> , 2020 , 11, 484	8.4	118
156	HMG-1 rediscovered as a cytokine. <i>Shock</i> , 2001 , 15, 247-53	3.4	117

155	TUMOR NECROSIS FACTOR IS A BRAIN DAMAGING CYTOKINE IN CEREBRAL ISCHEMIA. <i>Shock</i> , 1997 , 8, 141-348	3.4	116
154	Faecal microbiota transplantation protects against radiation-induced toxicity. <i>EMBO Molecular Medicine</i> , 2017 , 9, 448-461	12	114
153	A major ingredient of green tea rescues mice from lethal sepsis partly by inhibiting HMGB1. <i>PLoS ONE</i> , 2007 , 2, e1153	3.7	110
152	Further characterization of high mobility group box 1 (HMGB1) as a proinflammatory cytokine: central nervous system effects. <i>Cytokine</i> , 2003 , 24, 254-65	4	110
151	HMGB1 as a cytokine and therapeutic target. <i>Journal of Endotoxin Research</i> , 2002 , 8, 469-72		106
150	Suppression of HMGB1 release by stearyl lysophosphatidylcholine:an additional mechanism for its therapeutic effects in experimental sepsis. <i>Journal of Lipid Research</i> , 2005 , 46, 623-7	6.3	98
149	Regulation of macrophage activation and inflammation by spermine: a new chapter in an old story. <i>Critical Care Medicine</i> , 2000 , 28, N60-6	1.4	98
148	Anti-inflammatory role of fetuin-A in injury and infection. <i>Current Molecular Medicine</i> , 2012 , 12, 625-33	2.5	97
147	The Critical Role of p38 MAP Kinase in T Cell HIV-1 Replication. <i>Molecular Medicine</i> , 1997 , 3, 339-346	6.2	97
146	Fetuin, a negative acute phase protein, attenuates TNF synthesis and the innate inflammatory response to carrageenan. <i>Shock</i> , 2001 , 15, 181-5	3.4	97
145	Cerebral ischemia enhances polyamine oxidation: identification of enzymatically formed 3-aminopropanal as an endogenous mediator of neuronal and glial cell death. <i>Journal of Experimental Medicine</i> , 1998 , 188, 327-40	16.6	97
144	Targeting HMGB1 in the treatment of sepsis. <i>Expert Opinion on Therapeutic Targets</i> , 2014 , 18, 257-68	6.4	96
143	Molecular mechanism and therapeutic modulation of high mobility group box 1 release and action: an updated review. <i>Expert Review of Clinical Immunology</i> , 2014 , 10, 713-27	5.1	96
142	A hepatic protein, fetuin-A, occupies a protective role in lethal systemic inflammation. <i>PLoS ONE</i> , 2011 , 6, e16945	3.7	96
141	Novel HMGB1-inhibiting therapeutic agents for experimental sepsis. <i>Shock</i> , 2009 , 32, 348-57	3.4	95
140	Role of HMGB1 in cardiovascular diseases. <i>Current Opinion in Pharmacology</i> , 2006 , 6, 130-5	5.1	93
139	Quercetin prevents LPS-induced high-mobility group box 1 release and proinflammatory function. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009 , 41, 651-60	5.7	92
138	Dual roles for HMGB1: DNA binding and cytokine. <i>Journal of Endotoxin Research</i> , 2001 , 7, 315-21		91

137	Extracellular HMGB1 as a proinflammatory cytokine. <i>Journal of Interferon and Cytokine Research</i> , 2004 , 24, 329-33	3.5	88
136	Therapeutic potential of HMGB1-targeting agents in sepsis. <i>Expert Reviews in Molecular Medicine</i> , 2008 , 10, e32	6.7	87
135	Immature dendritic cell-derived exosomes rescue septic animals via milk fat globule epidermal growth factor-factor VIII [corrected]. <i>Journal of Immunology</i> , 2009 , 183, 5983-90	5.3	85
134	Growth suppression and radiosensitivity increase by HMGB1 in breast cancer. <i>Acta Pharmacologica Sinica</i> , 2007 , 28, 1957-67	8	83
133	Nuclear heat shock protein 72 as a negative regulator of oxidative stress (hydrogen peroxide)-induced HMGB1 cytoplasmic translocation and release. <i>Journal of Immunology</i> , 2007 , 178, 7376-84	5.3	82
132	Inhibition of extracellular HMGB1 attenuates hyperoxia-induced inflammatory acute lung injury. <i>Redox Biology</i> , 2014 , 2, 314-22	11.3	80
131	Intracellular HMGB1 as a novel tumor suppressor of pancreatic cancer. <i>Cell Research</i> , 2017 , 27, 916-932	24.7	76
130	Splenectomy protects against sepsis lethality and reduces serum HMGB1 levels. <i>Journal of Immunology</i> , 2008 , 181, 3535-9	5.3	75
129	Inhibition of high-mobility group box 1 protein (HMGB1) enhances bacterial clearance and protects against <i>Pseudomonas Aeruginosa</i> pneumonia in cystic fibrosis. <i>Molecular Medicine</i> , 2012 , 18, 477-85	6.2	74
128	Spermine protects mice against lethal sepsis partly by attenuating surrogate inflammatory markers. <i>Molecular Medicine</i> , 2009 , 15, 275-82	6.2	74
127	The aqueous extract of a popular herbal nutrient supplement, <i>Angelica sinensis</i> , protects mice against lethal endotoxemia and sepsis. <i>Journal of Nutrition</i> , 2006 , 136, 360-5	4.1	72
126	Spermine Inhibition of Monocyte Activation and Inflammation. <i>Molecular Medicine</i> , 1999 , 5, 595-605	6.2	71
125	Potential role of high mobility group box 1 in viral infectious diseases. <i>Viral Immunology</i> , 2006 , 19, 3-9	1.7	70
124	Regulation of Posttranslational Modifications of HMGB1 During Immune Responses. <i>Antioxidants and Redox Signaling</i> , 2016 , 24, 620-34	8.4	69
123	Orexigenic hormone ghrelin ameliorates gut barrier dysfunction in sepsis in rats. <i>Critical Care Medicine</i> , 2009 , 37, 2421-6	1.4	69
122	Identification of CD163 as an antiinflammatory receptor for HMGB1-haptoglobin complexes. <i>JCI Insight</i> , 2016 , 1,	9.9	67
121	A pilot study to detect high mobility group box 1 and heat shock protein 72 in cerebrospinal fluid of pediatric patients with meningitis. <i>Critical Care Medicine</i> , 2008 , 36, 291-5	1.4	66
120	The Circadian Clock Controls Immune Checkpoint Pathway in Sepsis. <i>Cell Reports</i> , 2018 , 24, 366-378	10.6	65

119	High mobility group protein B1 controls liver cancer initiation through yes-associated protein-dependent aerobic glycolysis. <i>Hepatology</i> , 2018 , 67, 1823-1841	11.2	63
118	High-mobility group box 1 protein induces tissue factor expression in vascular endothelial cells via activation of NF-kappaB and Egr-1. <i>Thrombosis and Haemostasis</i> , 2009 , 102, 352-9	7	61
117	Recombinant human MFG-E8 attenuates cerebral ischemic injury: its role in anti-inflammation and anti-apoptosis. <i>Neuropharmacology</i> , 2012 , 62, 890-900	5.5	59
116	High Mobility Group Box-1 mediates hyperoxia-induced impairment of <i>Pseudomonas aeruginosa</i> clearance and inflammatory lung injury in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 48, 280-7	5.7	59
115	ALK is a therapeutic target for lethal sepsis. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	58
114	Fetuin protects the fetus from TNF. <i>Lancet, The</i> , 1997 , 350, 861-2	40	58
113	Inhibition of p38 mitogen activate kinase attenuates the severity of pancreatitis-induced adult respiratory distress syndrome. <i>Critical Care Medicine</i> , 2000 , 28, 2567-72	1.4	57
112	Peripheral administration of fetuin-A attenuates early cerebral ischemic injury in rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010 , 30, 493-504	7.3	54
111	TMEM173 Drives Lethal Coagulation in Sepsis. <i>Cell Host and Microbe</i> , 2020 , 27, 556-570.e6	23.4	53
110	A novel PINK1- and PARK2-dependent protective neuroimmune pathway in lethal sepsis. <i>Autophagy</i> , 2016 , 12, 2374-2385	10.2	53
109	HMGB1 cytoplasmic translocation in patients with acute liver failure. <i>BMC Gastroenterology</i> , 2011 , 11, 21	3	53
108	New-generation taxoid SB-T-1214 inhibits stem cell-related gene expression in 3D cancer spheroids induced by purified colon tumor-initiating cells. <i>Molecular Cancer</i> , 2010 , 9, 192	42.1	52
107	Bench to Bedside: HMGB1 A Novel Proinflammatory Cytokine and Potential Therapeutic Target for Septic Patients in the Emergency Department. <i>Academic Emergency Medicine</i> , 2004 , 11, 867-873	3.4	51
106	HMGB1 as a potential biomarker and therapeutic target for severe COVID-19. <i>Heliyon</i> , 2020 , 6, e05672	3.6	50
105	HMGB1-DNA complex-induced autophagy limits AIM2 inflammasome activation through RAGE. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 450, 851-6	3.4	48
104	Bench to bedside: HMGB1-a novel proinflammatory cytokine and potential therapeutic target for septic patients in the emergency department. <i>Academic Emergency Medicine</i> , 2004 , 11, 867-73	3.4	48
103	Cloning of a rat cDNA encoding a novel LIM domain protein with high homology to rat RIL. <i>Gene</i> , 1995 , 165, 267-71	3.8	48
102	Carbenoxolone blocks endotoxin-induced protein kinase R (PKR) activation and high mobility group box 1 (HMGB1) release. <i>Molecular Medicine</i> , 2013 , 19, 203-11	6.2	47

101	cAMP metabolism controls caspase-11 inflammasome activation and pyroptosis in sepsis. <i>Science Advances</i> , 2019 , 5, eaav5562	14.3	46
100	The physiologic consequences of macrophage pacification during severe acute pancreatitis. <i>Shock</i> , 1998 , 10, 169-75	3.4	45
99	Gut microbiota modulates alcohol withdrawal-induced anxiety in mice. <i>Toxicology Letters</i> , 2018 , 287, 23-30	4.4	43
98	High mobility group box chromosomal protein 1 in acute-on-chronic liver failure patients and mice with ConA-induced acute liver injury. <i>Experimental and Molecular Pathology</i> , 2012 , 93, 213-9	4.4	43
97	Anti-inflammatory effects of a new tumour necrosis factor-alpha (TNF-alpha) inhibitor (CNI-1493) in collagen-induced arthritis (CIA) in rats. <i>Clinical and Experimental Immunology</i> , 1999 , 115, 32-41	6.2	43
96	Circadian Rhythm Shapes the Gut Microbiota Affecting Host Radiosensitivity. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	43
95	High mobility group box 1 protein as a potential drug target for infection- and injury-elicited inflammation. <i>Inflammation and Allergy: Drug Targets</i> , 2010 , 9, 60-72		42
94	Tanshinone IIA sodium sulfonate facilitates endocytic HMGB1 uptake. <i>Biochemical Pharmacology</i> , 2012 , 84, 1492-500	6	41
93	Release mechanisms of major DAMPs. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021 , 26, 152-162	5.4	41
92	Adrenomedullin and adrenomedullin binding protein-1 prevent acute lung injury after gut ischemia-reperfusion. <i>Journal of the American College of Surgeons</i> , 2007 , 205, 284-93	4.4	39
91	Interferon-gamma inhibition attenuates lethality after cecal ligation and puncture in rats: implication of high mobility group box-1. <i>Shock</i> , 2005 , 24, 396-401	3.4	39
90	High-level expression of the FtsA protein inhibits cell septation in Escherichia coli K-12. <i>Journal of Bacteriology</i> , 1990 , 172, 4736-40	3.5	38
89	Toll-Like Receptor 4 Signaling Licenses the Cytosolic Transport of Lipopolysaccharide From Bacterial Outer Membrane Vesicles. <i>Shock</i> , 2019 , 51, 256-265	3.4	37
88	Hydrogen-water ameliorates radiation-induced gastrointestinal toxicity via MyD88Q effects on the gut microbiota. <i>Experimental and Molecular Medicine</i> , 2018 , 50, e433	12.8	36
87	A new molecular mechanism underlying the EGCG-mediated autophagic modulation of AFP in HepG2 cells. <i>Cell Death and Disease</i> , 2017 , 8, e3160	9.8	36
86	Gut microbiota-derived indole 3-propionic acid protects against radiation toxicity via retaining acyl-CoA-binding protein. <i>Microbiome</i> , 2020 , 8, 69	16.6	35
85	HMGB1: a novel protein that induced platelets active and aggregation via Toll-like receptor-4, NF- κ B and cGMP dependent mechanisms. <i>Diagnostic Pathology</i> , 2015 , 10, 134	3	35
84	Connexin 43 Hemichannel as a Novel Mediator of Sterile and Infectious Inflammatory Diseases. <i>Scientific Reports</i> , 2018 , 8, 166	4.9	32

83	Adrenomedullin and its binding protein attenuate the proinflammatory response after hemorrhage. <i>Critical Care Medicine</i> , 2005 , 33, 391-8	1.4	32
82	Pathogenic role of HMGB1 in SARS?. <i>Medical Hypotheses</i> , 2004 , 63, 691-5	3.8	30
81	The role of type 1 interferons in coagulation induced by gram-negative bacteria. <i>Blood</i> , 2020 , 135, 1087-1100	1.00	30
80	Involvement of PKC β and ERK1/2 signaling pathways in EGCG protection against stress-induced neural injuries in Wistar rats. <i>Neuroscience</i> , 2017 , 346, 226-237	3.9	29
79	Ethyl pyruvate improves survival in awake hemorrhage. <i>Journal of Molecular Medicine</i> , 2009 , 87, 423-33	5.5	29
78	WAVE1 regulates Bcl-2 localization and phosphorylation in leukemia cells. <i>Leukemia</i> , 2010 , 24, 177-86	10.7	28
77	PACAP inhibit the release and cytokine activity of HMGB1 and improve the survival during lethal endotoxemia. <i>International Immunopharmacology</i> , 2008 , 8, 1646-51	5.8	28
76	Total abdominal irradiation exposure impairs cognitive function involving miR-34a-5p/BDNF axis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2333-2341	6.9	27
75	Globin attenuates the innate immune response to endotoxin. <i>Shock</i> , 2002 , 17, 485-90	3.4	27
74	Heparin prevents caspase-11-dependent septic lethality independent of anticoagulant properties. <i>Immunity</i> , 2021 , 54, 454-467.e6	32.3	27
73	APOL1 risk variants cause podocytes injury through enhancing endoplasmic reticulum stress. <i>Bioscience Reports</i> , 2018 , 38,	4.1	26
72	It Is Not Just Folklore: The Aqueous Extract of Mung Bean Coat Is Protective against Sepsis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 498467	2.3	26
71	Plumbagin Protects Mice from Lethal Sepsis by Modulating Immunometabolism Upstream of PKM2. <i>Molecular Medicine</i> , 2016 , 22, 162-172	6.2	25
70	Quantitative determination of FtsA at different growth rates in Escherichia coli using monoclonal antibodies. <i>Molecular Microbiology</i> , 1992 , 6, 2517-24	4.1	24
69	Polydatin down-regulates the phosphorylation level of Creb and induces apoptosis in human breast cancer cell. <i>PLoS ONE</i> , 2017 , 12, e0176501	3.7	23
68	Serum Amyloid A Stimulates PKR Expression and HMGB1 Release Possibly through TLR4/RAGE Receptors. <i>Molecular Medicine</i> , 2015 , 21, 515-25	6.2	22
67	The haptoglobin beta subunit sequesters HMGB1 toxicity in sterile and infectious inflammation. <i>Journal of Internal Medicine</i> , 2017 , 282, 76-93	10.8	21
66	HMGB1 as a potential therapeutic target. <i>Novartis Foundation Symposium</i> , 2007 , 280, 73-85; discussion 85-91, 160-4		21

65	Enhanced Macrophage Pannexin 1 Expression and Hemichannel Activation Exacerbates Lethal Experimental Sepsis. <i>Scientific Reports</i> , 2019 , 9, 160	4.9	20
64	Novel Mechanisms of Herbal Therapies for Inhibiting HMGB1 Secretion or Action. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 456305	2.3	20
63	High-Density Lipoprotein (HDL) Counter-Regulates Serum Amyloid A (SAA)-Induced sPLA2-IIe and sPLA2-V Expression in Macrophages. <i>PLoS ONE</i> , 2016 , 11, e0167468	3.7	20
62	Identification of ethyl pyruvate as a NLRP3 inflammasome inhibitor that preserves mitochondrial integrity. <i>Molecular Medicine</i> , 2018 , 24, 8	6.2	19
61	Ionizing Radiation Induces HMGB1 Cytoplasmic Translocation and Extracellular Release 2016 , 40, 91-99		19
60	High-mobility group boxes mediate cell proliferation and radiosensitivity via retinoblastoma-interaction-dependent and -independent mechanisms. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2012 , 27, 329-35	3.9	18
59	HMGB1 as a Potential Therapeutic Target. <i>Novartis Foundation Symposium</i> , 73-91		18
58	Genetic polymorphisms in circadian negative feedback regulation genes predict overall survival and response to chemotherapy in gastric cancer patients. <i>Scientific Reports</i> , 2016 , 6, 22424	4.9	17
57	Sexual Dimorphism of Gut Microbiota Dictates Therapeutics Efficacy of Radiation Injuries. <i>Advanced Science</i> , 2019 , 6, 1901048	13.6	17
56	More tea for septic patients?--Green tea may reduce endotoxin-induced release of high mobility group box 1 and other pro-inflammatory cytokines. <i>Medical Hypotheses</i> , 2006 , 66, 660-3	3.8	17
55	Extracellular SQSTM1 mediates bacterial septic death in mice through insulin receptor signalling. <i>Nature Microbiology</i> , 2020 , 5, 1576-1587	26.6	17
54	Hypophysectomy, high tumor necrosis factor levels, and hemoglobinemia in lethal endotoxemic shock. <i>Shock</i> , 1998 , 10, 395-400	3.4	16
53	Ascorbic Acid Attenuates Hyperoxia-Compromised Host Defense against Pulmonary Bacterial Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 55, 511-520	5.7	16
52	Epigallocatechin-3-gallate confers protection against corticosterone-induced neuron injuries via restoring extracellular signal-regulated kinase 1/2 and phosphatidylinositol-3 kinase/protein kinase B signaling pathways. <i>PLoS ONE</i> , 2018 , 13, e0192083	3.7	15
51	Milk fat globule epidermal growth factor-factor 8-derived peptide attenuates organ injury and improves survival in sepsis. <i>Critical Care</i> , 2015 , 19, 375	10.8	15
50	Alveolar macrophage suppression in sepsis is associated with high mobility group box 1 transmigration. <i>Shock</i> , 2008 , 29, 754-60	3.4	15
49	New melanocortin-like peptide of can suppress inflammation via the mammalian melanocortin-1 receptor (MC1R): possible endocrine-like function for microbes of the gut. <i>Npj Biofilms and Microbiomes</i> , 2017 , 3, 31	8.2	14
48	Extracellular microRNA 130b-3p inhibits eCIRP-induced inflammation. <i>EMBO Reports</i> , 2020 , 21, e48075	6.5	14

47	Caspase-11 signaling enhances graft-versus-host disease. <i>Nature Communications</i> , 2019 , 10, 4044	17.4	12
46	Identification of tetranectin-targeting monoclonal antibodies to treat potentially lethal sepsis. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	12
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