Kevin J Tracey

List of Publications by Year
in descending order

399 papers	80,332 citations	127 h-index (529)	275 g-index (429)
423 all docs	423 docs citations	423 times ranked	48853 citing authors

#	Article	IF	Citations
1	HMG-1 as a Late Mediator of Endotoxin Lethality in Mice. Science, 1999, 285, 248-251.	12.6	3,807
2	Vagus nerve stimulation attenuates the systemic inflammatory response to endotoxin. Nature, 2000, 405, 458-462.	27.8	3,524
3	Nicotinic acetylcholine receptor Î±7 subunit is an essential regulator of inflammation. Nature, 2003, 421, 384-388.	27.8	3,346
4	The inflammatory reflex. Nature, 2002, 420, 853-859.	27.8	3,111
5	Anti-cachectin/TNF monoclonal antibodies prevent septic shock during lethal bacteraemia. Nature, 1987, 330, 662-664.	27.8	2,558
6	High-mobility group box 1 protein (HMGB1): nuclear weapon in the immune arsenal. Nature Reviews Immunology, 2005, 5, 331-342.	22.7	2,218
7	The nuclear factor HMGB1 mediates hepatic injury after murine liver ischemia-reperfusion. Journal of Experimental Medicine, 2005, 201, 1135-1143.	8.5	1,634
8	Cholinergic agonists inhibit HMGB1 release and improve survival in experimental sepsis. Nature Medicine, 2004, 10, 1216-1221.	30.7	1,624
9	High Mobility Group 1 Protein (Hmg-1) Stimulates Proinflammatory Cytokine Synthesis in Human Monocytes. Journal of Experimental Medicine, 2000, 192, 565-570.	8.5	1,306
10	Physiology and immunology of the cholinergic antiinflammatory pathway. Journal of Clinical Investigation, 2007, 117, 289-296.	8.2	1,274
11	HMGB1 Is a Therapeutic Target for Sterile Inflammation and Infection. Annual Review of Immunology, 2011, 29, 139-162.	21.8	1,230
12	Acetylcholine-Synthesizing T Cells Relay Neural Signals in a Vagus Nerve Circuit. Science, 2011, 334, 98-101.	12.6	1,158
13	Reversing established sepsis with antagonists of endogenous high-mobility group box 1. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 296-301.	7.1	1,085
14	The â€˜cytokine profileâ€™: a code for sepsis. Trends in Molecular Medicine, 2005, 11, 56-63.	6.7	1,066
15	TUMOR NECROSIS FACTOR: A Pleiotropic Cytokine and Therapeutic Target. Annual Review of Medicine, 1994, 45, 491-503.	12.2	975
16	Reflex control of immunity. Nature Reviews Immunology, 2009, 9, 418-428.	22.7	969
17	Sepsis: a roadmap for future research. Lancet Infectious Diseases, The, 2015, 15, 581-614.	9.1	827
18	Endogenous HMGB1 regulates autophagy. Journal of Cell Biology, 2010, 190, 881-892.	5.2	819

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19	Vagus nerve stimulation inhibits cytokine production and attenuates disease severity in rheumatoid arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8284-8289.	7.1	742
20	Tumor Necrosis Factor, Other Cytokines and Disease. Annual Review of Cell Biology, 1993, 9, 317-343.	26.1	736
21	HMGB1 SIGNALS THROUGH TOLL-LIKE RECEPTOR (TLR) 4 AND TLR2. Shock, 2006, 26, 174-179.	2.1	730
22	A critical cysteine is required for HMGB1 binding to Toll-like receptor 4 and activation of macrophage cytokine release. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11942-11947.	7.1	705
23	Cutting Edge: HMG-1 as a Mediator of Acute Lung Inflammation. Journal of Immunology, 2000, 165, 2950-2954.	0.8	704
24	Novel role of PKR in inflammasome activation and HMGB1 release. Nature, 2012, 488, 670-674.	27.8	672
25	Splenic nerve is required for cholinergic antiinflammatory pathway control of TNF in endotoxemia. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11008-11013.	7.1	659
26	The vagus nerve and the inflammatory reflexâ€"linking immunity and metabolism. Nature Reviews Endocrinology, 2012, 8, 743-754.	9.6	635
27	Splenectomy inactivates the cholinergic antiinflammatory pathway during lethal endotoxemia and polymicrobial sepsis. Journal of Experimental Medicine, 2006, 203, 1623-1628.	8.5	630
28	Mutually exclusive redox forms of HMGB1 promote cell recruitment or proinflammatory cytokine release. Journal of Experimental Medicine, 2012, 209, 1519-1528.	8.5	590
29	Sepsis definitions: time for change. Lancet, The, 2013, 381, 774-775.	13.7	579
30	Ethyl pyruvate prevents lethality in mice with established lethal sepsis and systemic inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12351-12356.	7.1	574
31	The Cholinergic Anti-inflammatory Pathway: A Missing Link in Neuroimmunomodulation. Molecular Medicine, 2003, 9, 125-134.	4.4	566
32	Sepsis: Current Dogma and New Perspectives. Immunity, 2014, 40, 463-475.	14.3	533
33	A jump-start for electroceuticals. Nature, 2013, 496, 159-161.	27.8	523
34	Future Research Directions in Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1027-1035.	5.6	489
35	Pharmacological Stimulation of the Cholinergic Antiinflammatory Pathway. Journal of Experimental Medicine, 2002, 195, 781-788.	8.5	474
36	The cholinergic anti-inflammatory pathway. Brain, Behavior, and Immunity, 2005, 19, 493-499.	4.1	472

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37	The cytokine activity of HMGB1. Journal of Leukocyte Biology, 2005, 78, 1-8.	3.3	470
38	Cholinergic control of inflammation. Journal of Internal Medicine, 2009, 265, 663-679.	6.0	462
39	The many faces of HMGB1: molecular structure-functional activity in inflammation, apoptosis, and chemotaxis. Journal of Leukocyte Biology, 2013, 93, 865-873.	3.3	449
40	Mechanisms and Therapeutic Relevance of Neuro-immune Communication. Immunity, 2017, 46, 927-942.	14.3	445
41	Cholinergic stimulation blocks endothelial cell activation and leukocyte recruitment during inflammation. Journal of Experimental Medicine, 2005, 201, 1113-1123.	8.5	444
42	Extracellular role of HMGB1 in inflammation and sepsis. Journal of Internal Medicine, 2004, 255, 320-331.	6.0	436
43	The Vagus Nerve and Nicotinic Receptors Modulate Experimental Pancreatitis Severity in Mice. Gastroenterology, 2006, 130, 1822-1830.	1.3	431
44	HMGB1 release and redox regulates autophagy and apoptosis in cancer cells. Oncogene, 2010, 29, 5299-5310.	5.9	421
45	Alarmins: awaiting a clinical response. Journal of Clinical Investigation, 2012, 122, 2711-2719.	8.2	408
46	High Mobility Group Box Protein 1: An Endogenous Signal for Dendritic Cell Maturation and Th1 Polarization. Journal of Immunology, 2004, 173, 307-313.	0.8	403
47	Persistent elevation of high mobility group box-1 protein (HMGB1) in patients with severe sepsis and septic shock*. Critical Care Medicine, 2005, 33, 564-573.	0.9	399
48	Inflammasome-Dependent Release of the Alarmin HMGB1 in Endotoxemia. Journal of Immunology, 2010, 185, 4385-4392.	0.8	397
49	Activation of gene expression in human neutrophils by high mobility group box 1 protein. American Journal of Physiology - Cell Physiology, 2003, 284, C870-C879.	4.6	390
50	Brain acetylcholinesterase activity controls systemic cytokine levels through the cholinergic anti-inflammatory pathway. Brain, Behavior, and Immunity, 2009, 23, 41-45.	4.1	378
51	Redox Modification of Cysteine Residues Regulates the Cytokine Activity of High Mobility Group Box-1 (HMGB1). Molecular Medicine, 2012, 18, 250-259.	4.4	378
52	The Endotoxin Delivery Protein HMGB1 Mediates Caspase-11-Dependent Lethality in Sepsis. Immunity, 2018, 49, 740-753.e7.	14.3	377
53	The HMGB1 Receptor RAGE Mediates Ischemic Brain Damage. Journal of Neuroscience, 2008, 28, 12023-12031.	3.6	362
54	Role of HMGB1 in apoptosis-mediated sepsis lethality. Journal of Experimental Medicine, 2006, 203, 1637-1642.	8.5	359

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55	The Cholinergic Antiâ€Inflammatory Pathway Regulates the Host Response during Septic Peritonitis. Journal of Infectious Diseases, 2005, 191, 2138-2148.	4.0	358
56	Neural regulation of immunity: molecular mechanisms and clinical translation. Nature Neuroscience, 2017, 20, 156-166.	14.8	357
57	Selective Î±7-nicotinic acetylcholine receptor agonist GTS-21 improves survival in murine endotoxemia and severe sepsis*. Critical Care Medicine, 2007, 35, 1139-1144.	0.9	352
58	Reflex Principles of Immunological Homeostasis. Annual Review of Immunology, 2012, 30, 313-335.	21.8	348
59	HMGB1 B box increases the permeability of Caco-2 enterocytic monolayers and impairs intestinal barrier function in mice. Gastroenterology, 2002, 123, 790-802.	1.3	337
60	High mobility group box-1 protein induces the migration and activation of human dendritic cells and acts as an alarmin. Journal of Leukocyte Biology, 2007, 81, 59-66.	3.3	336
61	A distinct vagal anti-inflammatory pathway modulates intestinal muscularis resident macrophages independent of the spleen. Gut, 2014, 63, 938-948.	12.1	332
62	Rethinking inflammation: neural circuits in the regulation of immunity. Immunological Reviews, 2012, 248, 188-204.	6.0	327
63	Cold-inducible RNA-binding protein (CIRP) triggers inflammatory responses in hemorrhagic shock and sepsis. Nature Medicine, 2013, 19, 1489-1495.	30.7	322
64	Evidence for the involvement of spinal cord glia in subcutaneous formalin induced hyperalgesia in the rat. Pain, 1997, 71, 225-235.	4.2	313
65	Neural reflexes in inflammation and immunity. Journal of Experimental Medicine, 2012, 209, 1057-1068.	8.5	308
66	IFN-Î³ Induces High Mobility Group Box 1 Protein Release Partly Through a TNF-Dependent Mechanism. Journal of Immunology, 2003, 170, 3890-3897.	0.8	304
67	Molecular and Functional Neuroscience in Immunity. Annual Review of Immunology, 2018, 36, 783-812.	21.8	304
68	The microbiota regulate neuronal function and fear extinction learning. Nature, 2019, 574, 543-548.	27.8	302
69	Targeting HMGB1 in inflammation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2010, 1799, 149-156.	1.9	300
70	JAK/STAT1 signaling promotes HMGB1 hyperacetylation and nuclear translocation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3068-3073.	7.1	300
71	High mobility group 1 B-box mediates activation of human endothelium. Journal of Internal Medicine, 2003, 254, 375-385.	6.0	297
72	Structural Basis for the Proinflammatory Cytokine Activity of High Mobility Group Box 1. Molecular Medicine, 2003, 9, 37-45.	4.4	295

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73	Central muscarinic cholinergic regulation of the systemic inflammatory response during endotoxemia. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5219-5223.	7.1	295
74	MD-2 is required for disulfide HMGB1â€“dependent TLR4 signaling. Journal of Experimental Medicine, 2015, 212, 5-14.	8.5	295
75	Spermine Inhibits Proinflammatory Cytokine Synthesis in Human Mononuclear Cells: A Counterregulatory Mechanism that Restrains the Immune Response. Journal of Experimental Medicine, 1997, 185, 1759-1768.	8.5	288
76	Modulation of TNF Release by Choline Requires Î±7 Subunit Nicotinic Acetylcholine Receptor-Mediated Signaling. Molecular Medicine, 2008, 14, 567-574.	4.4	288
77	A new model of sciatic inflammatory neuritis (SIN): induction of unilateral and bilateral mechanical allodynia following acute unilateral peri-sciatic immune activation in rats. Pain, 2001, 94, 231-244.	4.2	283
78	Proinflammatory cytokines (tumor necrosis factor and interleukin 1) stimulate release of high mobility group protein-1 by pituicytes. Surgery, 1999, 126, 389-392.	1.9	282
79	DAMP Signaling is a Key Pathway Inducing Immune Modulation after Brain Injury. Journal of Neuroscience, 2015, 35, 583-598.	3.6	275
80	Role of vagus nerve signaling in CNI-1493-mediated suppression of acute inflammation. Autonomic Neuroscience: Basic and Clinical, 2000, 85, 141-147.	2.8	273
81	Hemorrhagic Shock Induces NAD(P)H Oxidase Activation in Neutrophils: Role of HMGB1-TLR4 Signaling. Journal of Immunology, 2007, 178, 6573-6580.	0.8	268
82	The pulse of inflammation: heart rate variability, the cholinergic anti-inflammatory pathway and implications for therapy. Journal of Internal Medicine, 2011, 269, 45-53.	6.0	265
83	ISO-1 Binding to the Tautomerase Active Site of MIF Inhibits Its Pro-inflammatory Activity and Increases Survival in Severe Sepsis. Journal of Biological Chemistry, 2005, 280, 36541-36544.	3.4	264
84	High mobility group box chromosomal protein 1: A novel proinflammatory mediator in synovitis. Arthritis and Rheumatism, 2002, 46, 2598-2603.	6.7	261
85	Thermal hyperalgesia and mechanical allodynia produced by intrathecal administration of the human immunodeficiency virus-1 (HIV-1) envelope glycoprotein, gp120. Brain Research, 2000, 861, 105-116.	2.2	252
86	Autonomic neural regulation of immunity. Journal of Internal Medicine, 2005, 257, 156-166.	6.0	252
87	Expression of TNF and TNF Receptors (p55 and p75) in the Rat Brain after Focal Cerebral Ischemia. Molecular Medicine, 1997, 3, 765-781.	4.4	250
88	The cholinergic anti-inflammatory pathway: a missing link in neuroimmunomodulation. Molecular Medicine, 2003, 9, 125-34.	4.4	241
89	Network of Dynamic Interactions between Histone H1 and High-Mobility-Group Proteins in Chromatin. Molecular and Cellular Biology, 2004, 24, 4321-4328.	2.3	239
90	ROLE OF TOLL-LIKE RECEPTORS 2 AND 4, AND THE RECEPTOR FOR ADVANCED GLYCATION END PRODUCTS IN HIGH-MOBILITY GROUP BOX 1-INDUCED INFLAMMATION IN VIVO. Shock, 2009, 31, 280-284.	2.1	237

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91	ELEVATED HIGH-MOBILITY GROUP BOX 1 LEVELS IN PATIENTS WITH CEREBRAL AND MYOCARDIAL ISCHEMIA. Shock, 2006, 25, 571-574.	2.1	226
92	RR Interval Variability Is Inversely Related to Inflammatory Markers: The CARDIA Study. Molecular Medicine, 2007, 13, 178-184.	4.4	220
93	Anti-HMGB1 Neutralizing Antibody Ameliorates Gut Barrier Dysfunction and Improves Survival after Hemorrhagic Shock. Molecular Medicine, 2006, 12, 105-114.	4.4	219
94	Transcutaneous vagus nerve stimulation reduces serum high mobility group box 1 levels and improves survival in murine sepsis*. Critical Care Medicine, 2007, 35, 2762-2768.	0.9	216
95	HMGB1 as a DNA-binding cytokine. Journal of Leukocyte Biology, 2002, 72, 1084-91.	3.3	215
96	Famotidine Use Is Associated With Improved Clinical Outcomes in Hospitalized COVID-19 Patients: A Propensity Score Matched Retrospective Cohort Study. Gastroenterology, 2020, 159, 1129-1131.e3.	1.3	214
97	Transcutaneous vagus nerve stimulation reduces serum high mobility group box 1 levels and improves survival in murine sepsis *. Critical Care Medicine, 2007, 35, 2762-2768.	0.9	211
98	Circulating high-mobility group box 1 (HMGB1) concentrations are elevated in both uncomplicated pneumonia and pneumonia with severe sepsis*. Critical Care Medicine, 2007, 35, 1061-1067.	0.9	209
99	Neural circuitry and immunity. Immunologic Research, 2015, 63, 38-57.	2.9	204
100	The Neurology of the Immune System: Neural Reflexes Regulate Immunity. Neuron, 2009, 64, 28-32.	8.1	200
101	Intracellular Hmgb1 Inhibits Inflammatory Nucleosome Release and Limits Acute Pancreatitis in Mice. Gastroenterology, 2014, 146, 1097-1107.e8.	1.3	200
102	Systemic inflammation and remote organ injury following trauma require HMGB1. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1538-R1544.	1.8	199
103	Cholinergic antiinflammatory pathway inhibition of tumor necrosis factor during ischemia reperfusion. Journal of Vascular Surgery, 2002, 36, 1231-1236.	1.1	197
104	Controlling inflammation: the cholinergic anti-inflammatory pathway. Biochemical Society Transactions, 2006, 34, 1037-1040.	3.4	190
105	HMGB1 Enhances Immune Suppression by Facilitating the Differentiation and Suppressive Activity of Myeloid-Derived Suppressor Cells. Cancer Research, 2014, 74, 5723-5733.	0.9	189
106	Roadmap for the Emerging Field of Cancer Neuroscience. Cell, 2020, 181, 219-222.	28.9	182
107	Stress Induces the Danger-Associated Molecular Pattern HMGB-1 in the Hippocampus of Male Sprague Dawley Rats: A Priming Stimulus of Microglia and the NLRP3 Inflammasome. Journal of Neuroscience, 2015, 35, 316-324.	3.6	177
108	Extracellular HMGB1: a therapeutic target in severe pulmonary inflammation including COVID-19?. Molecular Medicine, 2020, 26, 42.	4.4	176

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109	The Selective Î±7 Agonist GTS-21 Attenuates Cytokine Production in Human Whole Blood and Human Monocytes Activated by Ligands for TLR2, TLR3, TLR4, TLR9, and RAGE. Molecular Medicine, 2009, 15, 195-202.	4.4	175
110	Bacterial endotoxin stimulates macrophages to release HMGB1 partly through CD14- and TNF-dependent mechanisms. Journal of Leukocyte Biology, 2004, 76, 994-1001.	3.3	174
111	HMGB1 Mediates Cognitive Impairment in Sepsis Survivors. Molecular Medicine, 2012, 18, 930-937.	4.4	172
112	Increased serum concentrations of high-mobility-group protein 1 in haemorrhagic shock. Lancet, The, 1999, 354, 1446-1447.	13.7	170
113	Lymphocyte-derived ACh regulates local innate but not adaptive immunity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1410-1415.	7.1	170
114	Central cholinergic activation of a vagus nerve-to-spleen circuit alleviates experimental colitis. Mucosal Immunology, 2014, 7, 335-347.	6.0	170
115	Î±7 Nicotinic Acetylcholine Receptor Signaling Inhibits Inflammasome Activation by Preventing Mitochondrial DNA Release. Molecular Medicine, 2014, 20, 350-358.	4.4	169
116	Cholinergic Anti-Inflammatory Pathway Activity and High Mobility Group Box-1 (HMGB1) Serum Levels in Patients with Rheumatoid Arthritis. Molecular Medicine, 2007, 13, 210-215.	4.4	162
117	A Cardiovascular Drug Rescues Mice from Lethal Sepsis by Selectively Attenuating a Late-Acting Proinflammatory Mediator, High Mobility Group Box 1. Journal of Immunology, 2007, 178, 3856-3864.	0.8	160
118	Structural basis for the proinflammatory cytokine activity of high mobility group box 1. Molecular Medicine, 2003, 9, 37-45.	4.4	148
119	Identification of cytokine-specific sensory neural signals by decoding murine vagus nerve activity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4843-E4852.	7.1	147
120	EGCG stimulates autophagy and reduces cytoplasmic HMGB1 levels in endotoxin-stimulated macrophages. Biochemical Pharmacology, 2011, 81, 1152-1163.	4.4	145
121	Regulation of HMGB1 release by inflammasomes. Protein and Cell, 2013, 4, 163-167.	11.0	144
122	HMGB-1, A DNA-BINDING PROTEIN WITH CYTOKINE ACTIVITY, INDUCES BRAIN TNF AND IL-6 PRODUCTION, AND MEDIATES ANOREXIA AND TASTE AVERSION. Cytokine, 2002, 18, 231-236.	3.2	143
123	Activation of Human Umbilical Vein Endothelial Cells Leads to Relocation and Release of Highâ€Mobility Group Box Chromosomal Protein 1. Scandinavian Journal of Immunology, 2004, 60, 566-573.	2.7	141
124	Understanding immunity requires more than immunology. Nature Immunology, 2010, 11, 561-564.	14.5	140
125	HMG-1 REDISCOVERED AS A CYTOKINE. Shock, 2001, 15, 247-253.	2.1	136
126	Recombinant HMGB1 with cytokine-stimulating activity. Journal of Immunological Methods, 2004, 289, 211-223.	1.4	135

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127	Toll-like receptor 2 modulates left ventricular function following ischemia-reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H503-H509.	3.2	134
128	Î±7 Nicotinic Acetylcholine Receptor (Î±7nAChR) Expression in Bone Marrow-Derived Non-T Cells Is Required for the Inflammatory Reflex. Molecular Medicine, 2012, 18, 539-543.	4.4	133
129	High-mobility Group Box 1 Protein Initiates Postoperative Cognitive Decline by Engaging Bone Marrowâ€"derived Macrophages. Anesthesiology, 2014, 120, 1160-1167.	2.5	132
130	A Hepatic Protein, Fetuin-A, Occupies a Protective Role in Lethal Systemic Inflammation. PLoS ONE, 2011, 6, e16945.	2.5	131
131	Suppression of proinflammatory cytokines in monocytes by a tetravalent guanylhydrazone.. Journal of Experimental Medicine, 1996, 183, 927-936.	8.5	130
132	C1q and HMGB1 reciprocally regulate human macrophage polarization. Blood, 2016, 128, 2218-2228.	1.4	130
133	Further characterization of high mobility group box 1 (HMGB1) as a proinflammatory cytokine: central nervous system effects. Cytokine, 2003, 24, 254-265.	3.2	129
134	Cytokine production in a model of wound healing: The appearance of MIP-1, MIP-2, cachectin/TNF and IL-l. Cytokine, 1990, 2, 92-99.	3.2	126
135	Regulation of macrophage activation and inflammation by spermine: A new chapter in an old story. Critical Care Medicine, 2000, 28, N60-N66.	0.9	126
136	Cholinergic agonists attenuate renal ischemiaâ€"reperfusion injury in rats. Kidney International, 2008, 74, 62-69.	5.2	124
137	Molecular mechanism and therapeutic modulation of high mobility group box 1 release and action: an updated review. Expert Review of Clinical Immunology, 2014, 10, 713-727.	3.0	124
138	TUMOR NECROSIS FACTOR IS A BRAIN DAMAGING CYTOKINE IN CEREBRAL ISCHEMIA. Shock, 1997, 8, 141-348.	2.1	121
139	Noninvasive sub-organ ultrasound stimulation for targeted neuromodulation. Nature Communications, 2019, 10, 952.	12.8	121
140	FETUIN, A NEGATIVE ACUTE PHASE PROTEIN, ATTENUATES TNF SYNTHESIS AND THE INNATE INFLAMMATORY RESPONSE TO CARRAGEENAN. Shock, 2001, 15, 181-185.	2.1	120
141	An Inhibitor of Macrophage Arginine Transport and Nitric Oxide Production (CNI-1493) Prevents Acute Inflammation and Endotoxin Lethality. Molecular Medicine, 1995, 1, 254-266.	4.4	119
142	HMGB1 as a cytokine and therapeutic target. Journal of Endotoxin Research, 2002, 8, 469-472.	2.5	114
143	Suppression of HMGB1 release by stearoyl lysophosphatidylcholine:an additional mechanism for its therapeutic effects in experimental sepsis. Journal of Lipid Research, 2005, 46, 623-627.	4.2	113
144	Cutting Edge: High-Mobility Group Box 1 Preconditioning Protects against Liver Ischemia-Reperfusion Injury. Journal of Immunology, 2006, 176, 7154-7158.	0.8	113

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145	Identification of CD163 as an antiinflammatory receptor for HMGB1-haptoglobin complexes. JCI Insight, 2016, 1, .	5.0	112
146	Peripheral Blood Leukocyte Kinetics Following In Vivo Lipopolysaccharide (LPS) Administration to Normal Human Subjects. Annals of Surgery, 1989, 210, 239-245.	4.2	111
147	Cerebral Ischemia Enhances Polyamine Oxidation: Identification of Enzymatically Formed 3-Aminopropanal as an Endogenous Mediator of Neuronal and Glial Cell Death. Journal of Experimental Medicine, 1998, 188, 327-340.	8.5	110
148	The Inflammatory Reflex and the Role of Complementary and Alternative Medical Therapies. Annals of the New York Academy of Sciences, 2009, 1172, 172-180.	3.8	109
149	Cytokine-specific Neurograms in the Sensory Vagus Nerve. Bioelectronic Medicine, 2016, 3, 7-17.	2.3	108
150	Metabolic Responses to Cachectin/TNF. Annals of the New York Academy of Sciences, 1990, 587, 325-331.	3.8	107
151	Cholinergic Neural Signals to the Spleen Down-Regulate Leukocyte Trafficking via CD11b. Journal of Immunology, 2009, 183, 552-559.	0.8	106
152	Dual roles for HMGB1: DNA binding and cytokine. Journal of Endotoxin Research, 2001, 7, 315-321.	2.5	103
153	CNI-1493 inhibits monocyte/macrophage tumor necrosis factor by suppression of translation efficiency.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3967-3971.	7.1	101
154	Immunologic Role of the Cholinergic Antiâ€Inflammatory Pathway and the Nicotinic Acetylcholine Î±7 Receptor. Annals of the New York Academy of Sciences, 2005, 1062, 209-219.	3.8	101
155	The Critical Role of p38 MAP Kinase in T Cell HIV-1 Replication. Molecular Medicine, 1997, 3, 339-346.	4.4	100
156	Immature Dendritic Cell-Derived Exosomes Rescue Septic Animals Via Milk Fat Globule Epidermal Growth Factor VIII. Journal of Immunology, 2009, 183, 5983-5990.	0.8	99
157	Essential Neuroscience in Immunology. Journal of Immunology, 2017, 198, 3389-3397.	0.8	99
158	Regulation of Posttranslational Modifications of HMGB1 During Immune Responses. Antioxidants and Redox Signaling, 2016, 24, 620-634.	5.4	98
159	HMGB1 in Sepsis. Scandinavian Journal of Infectious Diseases, 2003, 35, 577-584.	1.5	97
160	Galantamine Alleviates Inflammation and Other Obesity-Associated Complications in High-Fat Diet-Fed Mice. Molecular Medicine, 2011, 17, 599-606.	4.4	96
161	A novel high mobility group box 1 neutralizing chimeric antibody attenuates drugâ€induced liver injury and postinjury inflammation in mice. Hepatology, 2016, 64, 1699-1710.	7.3	96
162	HMGB1 is a boneâ€active cytokine. Journal of Cellular Physiology, 2008, 214, 730-739.	4.1	95

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163	Inhibition of High-Mobility Group Box 1 Protein (HMGB1) Enhances Bacterial Clearance and Protects against Pseudomonas Aeruginosa Pneumonia in Cystic Fibrosis. Molecular Medicine, 2012, 18, 477-485.	4.4	94
164	A Systematic Nomenclature for the Redox States of High Mobility Group Box (HMGB) Proteins. Molecular Medicine, 2014, 20, 135-137.	4.4	94
165	Acetylcholine regulation of synoviocyte cytokine expression by the Î±7 nicotinic receptor. Arthritis and Rheumatism, 2008, 58, 3439-3449.	6.7	93
166	High Mobility Group Box Protein-1 Correlates with Renal Function in Chronic Kidney Disease (CKD). Molecular Medicine, 2008, 14, 109-115.	4.4	92
167	Spermine Protects Mice Against Lethal Sepsis Partly by Attenuating Surrogate Inflammatory Markers. Molecular Medicine, 2009, 15, 275-282.	4.4	91
168	Choline acetyltransferaseâ€"expressing T cells are required to control chronic viral infection. Science, 2019, 363, 639-644.	12.6	90
169	It takes nerve to dampen inflammation. Nature Immunology, 2005, 6, 756-757.	14.5	84
170	Splenectomy Protects against Sepsis Lethality and Reduces Serum HMGB1 Levels. Journal of Immunology, 2008, 181, 3535-3539.	0.8	84
171	IL-1Î± and IL-1Î² Are Endogenous Mediators Linking Cell Injury to the Adaptive Alloimmune Response. Journal of Immunology, 2007, 179, 6536-6546.	0.8	83
172	Aerobic exercise attenuates inducible TNF production in humans. Journal of Applied Physiology, 2007, 103, 1007-1011.	2.5	83
173	High mobility group box chromosomal protein 1 as a nuclear protein, cytokine, and potential therapeutic target in arthritis. Arthritis and Rheumatism, 2003, 48, 876-881.	6.7	82
174	Transcutaneous auricular vagus nerve stimulation reduces pain and fatigue in patients with systemic lupus erythematosus: a randomised, double-blind, sham-controlled pilot trial. Annals of the Rheumatic Diseases, 2021, 80, 203-208.	0.9	82
175	Spermine Inhibition of Monocyte Activation and Inflammation. Molecular Medicine, 1999, 5, 595-605.	4.4	81
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