

# Kevin J Tracey

## List of Publications by Citations

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390  
papers

66,735  
citations

121  
h-index

255  
g-index

423  
ext. papers

74,551  
ext. citations

10.1  
avg, IF

8.04  
L-index

#	Paper	IF	Citations
390	HMG-1 as a late mediator of endotoxin lethality in mice. <i>Science</i> , <b>1999</b> , 285, 248-51	33.3	3435
389	Vagus nerve stimulation attenuates the systemic inflammatory response to endotoxin. <i>Nature</i> , <b>2000</b> , 405, 458-62	50.4	2853
388	Nicotinic acetylcholine receptor alpha7 subunit is an essential regulator of inflammation. <i>Nature</i> , <b>2003</b> , 421, 384-8	50.4	2834
387	The inflammatory reflex. <i>Nature</i> , <b>2002</b> , 420, 853-9	50.4	2511
386	Anti-cachectin/TNF monoclonal antibodies prevent septic shock during lethal bacteraemia. <i>Nature</i> , <b>1987</b> , 330, 662-4	50.4	2265
385	High-mobility group box 1 protein (HMGB1): nuclear weapon in the immune arsenal. <i>Nature Reviews Immunology</i> , <b>2005</b> , 5, 331-42	36.5	1904
384	The nuclear factor HMGB1 mediates hepatic injury after murine liver ischemia-reperfusion. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 1135-43	16.6	1532
383	Cholinergic agonists inhibit HMGB1 release and improve survival in experimental sepsis. <i>Nature Medicine</i> , <b>2004</b> , 10, 1216-21	50.5	1452
382	High mobility group 1 protein (HMG-1) stimulates proinflammatory cytokine synthesis in human monocytes. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 192, 565-70	16.6	1194
381	Physiology and immunology of the cholinergic antiinflammatory pathway. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 289-96	15.9	1037
380	The "cytokine profile": a code for sepsis. <i>Trends in Molecular Medicine</i> , <b>2005</b> , 11, 56-63	11.5	1009
379	HMGB1 is a therapeutic target for sterile inflammation and infection. <i>Annual Review of Immunology</i> , <b>2011</b> , 29, 139-62	34.7	999
378	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> , <b>2004</b> , 101, 296-301	11.5	954
377	Tumor necrosis factor: a pleiotropic cytokine and therapeutic target. <i>Annual Review of Medicine</i> , <b>1994</b> , 45, 491-503	17.4	886
376	Acetylcholine-synthesizing T cells relay neural signals in a vagus nerve circuit. <i>Science</i> , <b>2011</b> , 334, 98-101	33.3	881
375	Reflex control of immunity. <i>Nature Reviews Immunology</i> , <b>2009</b> , 9, 418-28	36.5	761
374	Endogenous HMGB1 regulates autophagy. <i>Journal of Cell Biology</i> , <b>2010</b> , 190, 881-92	7.3	673

373	Tumor necrosis factor, other cytokines and disease. <i>Annual Review of Cell Biology</i> , <b>1993</b> , 9, 317-43		656
372	HMG-1 as a mediator of acute lung inflammation. <i>Journal of Immunology</i> , <b>2000</b> , 165, 2950-4	5.3	631
371	HMGB1 signals through toll-like receptor (TLR) 4 and TLR2. <i>Shock</i> , <b>2006</b> , 26, 174-9	3.4	619
370	Sepsis: a roadmap for future research. <i>Lancet Infectious Diseases, The</i> , <b>2015</b> , 15, 581-614	25.5	616
369	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> , <b>2010</b> , 107, 11942-7	11.5	581
368	Novel role of PKR in inflammasome activation and HMGB1 release. <i>Nature</i> , <b>2012</b> , 488, 670-4	50.4	542
367	Splenic nerve is required for cholinergic antiinflammatory pathway control of TNF in endotoxemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 11008-13	11.5	530
366	Splenectomy inactivates the cholinergic antiinflammatory pathway during lethal endotoxemia and polymicrobial sepsis. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 1623-8	16.6	523
365	Ethyl pyruvate prevents lethality in mice with established lethal sepsis and systemic inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 12351-6	11.5	519
364	Vagus nerve stimulation inhibits cytokine production and attenuates disease severity in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 8284-9	11.5	495
363	Mutually exclusive redox forms of HMGB1 promote cell recruitment or proinflammatory cytokine release. <i>Journal of Experimental Medicine</i> , <b>2012</b> , 209, 1519-28	16.6	472
362	The vagus nerve and the inflammatory reflex--linking immunity and metabolism. <i>Nature Reviews Endocrinology</i> , <b>2012</b> , 8, 743-54	15.2	459
361	Sepsis definitions: time for change. <i>Lancet, The</i> , <b>2013</b> , 381, 774-5	4.0	451
360	The Cholinergic Anti-inflammatory Pathway: A Missing Link in Neuroimmunomodulation. <i>Molecular Medicine</i> , <b>2003</b> , 9, 125-134	6.2	438
359	Future research directions in acute lung injury: summary of a National Heart, Lung, and Blood Institute working group. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2003</b> , 167, 1027-35	10.2	430
358	The cytokine activity of HMGB1. <i>Journal of Leukocyte Biology</i> , <b>2005</b> , 78, 1-8	6.5	407
357	Pharmacological stimulation of the cholinergic antiinflammatory pathway. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 195, 781-8	16.6	405
356	Drug discovery: a jump-start for electroceuticals. <i>Nature</i> , <b>2013</b> , 496, 159-61	50.4	403

- 355 Sepsis: current dogma and new perspectives. *Immunity*, **2014**, 40, 463-75 32.3 397
- 354 Extracellular role of HMGB1 in inflammation and sepsis. *Journal of Internal Medicine*, **2004**, 255, 320-31 10.8 389
- 353 Cholinergic stimulation blocks endothelial cell activation and leukocyte recruitment during inflammation. *Journal of Experimental Medicine*, **2005**, 201, 1113-23 16.6 385
- 352 The cholinergic anti-inflammatory pathway. *Brain, Behavior, and Immunity*, **2005**, 19, 493-9 16.6 383
- 351 The vagus nerve and nicotinic receptors modulate experimental pancreatitis severity in mice. *Gastroenterology*, **2006**, 130, 1822-30 13.3 370
- 350 High mobility group box protein 1: an endogenous signal for dendritic cell maturation and Th1 polarization. *Journal of Immunology*, **2004**, 173, 307-13 5.3 365
- 349 HMGB1 release and redox regulates autophagy and apoptosis in cancer cells. *Oncogene*, **2010**, 29, 5299-310 362
- 348 The many faces of HMGB1: molecular structure-functional activity in inflammation, apoptosis, and chemotaxis. *Journal of Leukocyte Biology*, **2013**, 93, 865-73 6.5 359
- 347 Cholinergic control of inflammation. *Journal of Internal Medicine*, **2009**, 265, 663-79 10.8 358
- 346 Activation of gene expression in human neutrophils by high mobility group box 1 protein. *American Journal of Physiology - Cell Physiology*, **2003**, 284, C870-9 5.4 352
- 345 Alarmins: awaiting a clinical response. *Journal of Clinical Investigation*, **2012**, 122, 2711-9 15.9 347
- 344 Persistent elevation of high mobility group box-1 protein (HMGB1) in patients with severe sepsis and septic shock. *Critical Care Medicine*, **2005**, 33, 564-73 1.4 345
- 343 Inflammasome-dependent release of the alarmin HMGB1 in endotoxemia. *Journal of Immunology*, **2010**, 185, 4385-92 5.3 342
- 342 Redox modification of cysteine residues regulates the cytokine activity of high mobility group box-1 (HMGB1). *Molecular Medicine*, **2012**, 18, 250-9 6.2 337
- 341 Brain acetylcholinesterase activity controls systemic cytokine levels through the cholinergic anti-inflammatory pathway. *Brain, Behavior, and Immunity*, **2009**, 23, 41-5 16.6 316
- 340 The cholinergic anti-inflammatory pathway regulates the host response during septic peritonitis. *Journal of Infectious Diseases*, **2005**, 191, 2138-48 7 315
- 339 The HMGB1 receptor RAGE mediates ischemic brain damage. *Journal of Neuroscience*, **2008**, 28, 12023-12031 312
- 338 Role of HMGB1 in apoptosis-mediated sepsis lethality. *Journal of Experimental Medicine*, **2006**, 203, 1637-42 312

337	Selective alpha7-nicotinic acetylcholine receptor agonist GTS-21 improves survival in murine endotoxemia and severe sepsis. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 1139-44	1.4	307
336	High mobility group box-1 protein induces the migration and activation of human dendritic cells and acts as an alarmin. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 81, 59-66	6.5	305
335	Mechanisms and Therapeutic Relevance of Neuro-immune Communication. <i>Immunity</i> , <b>2017</b> , 46, 927-942	32.3	290
334	HMGB1 B box increases the permeability of Caco-2 enterocytic monolayers and impairs intestinal barrier function in mice. <i>Gastroenterology</i> , <b>2002</b> , 123, 790-802	13.3	286
333	Evidence for the involvement of spinal cord glia in subcutaneous formalin induced hyperalgesia in the rat. <i>Pain</i> , <b>1997</b> , 71, 225-35	8	284
332	IFN-gamma induces high mobility group box 1 protein release partly through a TNF-dependent mechanism. <i>Journal of Immunology</i> , <b>2003</b> , 170, 3890-7	5.3	283
331	High mobility group 1 B-box mediates activation of human endothelium. <i>Journal of Internal Medicine</i> , <b>2003</b> , 254, 375-85	10.8	278
330	Reflex principles of immunological homeostasis. <i>Annual Review of Immunology</i> , <b>2012</b> , 30, 313-35	34.7	268
329	Rethinking inflammation: neural circuits in the regulation of immunity. <i>Immunological Reviews</i> , <b>2012</b> , 248, 188-204	11.3	263
328	Structural Basis for the Proinflammatory Cytokine Activity of High Mobility Group Box 1. <i>Molecular Medicine</i> , <b>2003</b> , 9, 37-45	6.2	261
327	Targeting HMGB1 in inflammation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2010</b> , 1799, 149-56	6	259
326	Proinflammatory cytokines (tumor necrosis factor and interleukin 1) stimulate release of high mobility group protein-1 by pituicytes. <i>Surgery</i> , <b>1999</b> , 126, 389-392	3.6	259
325	A distinct vagal anti-inflammatory pathway modulates intestinal muscularis resident macrophages independent of the spleen. <i>Gut</i> , <b>2014</b> , 63, 938-48	19.2	251
324	Central muscarinic cholinergic regulation of the systemic inflammatory response during endotoxemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 5219-23	11.5	251
323	Hemorrhagic shock induces NAD(P)H oxidase activation in neutrophils: role of HMGB1-TLR4 signaling. <i>Journal of Immunology</i> , <b>2007</b> , 178, 6573-80	5.3	248
322	JAK/STAT1 signaling promotes HMGB1 hyperacetylation and nuclear translocation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 3068-73	11.5	245
321	Neural reflexes in inflammation and immunity. <i>Journal of Experimental Medicine</i> , <b>2012</b> , 209, 1057-68	16.6	245
320	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> , <b>2001</b> , 94, 231-244	8	243

319	Spermine inhibits proinflammatory cytokine synthesis in human mononuclear cells: a counterregulatory mechanism that restrains the immune response. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 1759-68	16.6	241
318	High mobility group box chromosomal protein 1: a novel proinflammatory mediator in synovitis. <i>Arthritis and Rheumatism</i> , <b>2002</b> , 46, 2598-603		240
317	Neural regulation of immunity: molecular mechanisms and clinical translation. <i>Nature Neuroscience</i> , <b>2017</b> , 20, 156-166	25.5	237
316	Modulation of TNF release by choline requires alpha7 subunit nicotinic acetylcholine receptor-mediated signaling. <i>Molecular Medicine</i> , <b>2008</b> , 14, 567-74	6.2	232
315	ISO-1 binding to the tautomerase active site of MIF inhibits its pro-inflammatory activity and increases survival in severe sepsis. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 36541-4	5.4	229
314	Expression of TNF and TNF Receptors (p55 and p75) in the Rat Brain after Focal Cerebral Ischemia. <i>Molecular Medicine</i> , <b>1997</b> , 3, 765-781	6.2	227
313	Role of vagus nerve signaling in CNI-1493-mediated suppression of acute inflammation. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2000</b> , 85, 141-7	2.4	224
312	Thermal hyperalgesia and mechanical allodynia produced by intrathecal administration of the human immunodeficiency virus-1 (HIV-1) envelope glycoprotein, gp120. <i>Brain Research</i> , <b>2000</b> , 861, 105-117	3.7	220
311	The Endotoxin Delivery Protein HMGB1 Mediates Caspase-11-Dependent Lethality in Sepsis. <i>Immunity</i> , <b>2018</b> , 49, 740-753.e7	32.3	217
310	Network of dynamic interactions between histone H1 and high-mobility-group proteins in chromatin. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 4321-8	4.8	216
309	Cold-inducible RNA-binding protein (CIRP) triggers inflammatory responses in hemorrhagic shock and sepsis. <i>Nature Medicine</i> , <b>2013</b> , 19, 1489-1495	50.5	214
308	MD-2 is required for disulfide HMGB1-dependent TLR4 signaling. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 5-14	16.6	214
307	Autonomic neural regulation of immunity. <i>Journal of Internal Medicine</i> , <b>2005</b> , 257, 156-66	10.8	210
306	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. <i>Shock</i> , <b>2009</b> , 31, 280-4	3.4	209
305	The pulse of inflammation: heart rate variability, the cholinergic anti-inflammatory pathway and implications for therapy. <i>Journal of Internal Medicine</i> , <b>2011</b> , 269, 45-53	10.8	208
304	The cholinergic anti-inflammatory pathway: a missing link in neuroimmunomodulation. <i>Molecular Medicine</i> , <b>2003</b> , 9, 125-34	6.2	205
303	HMGB1 as a DNA-binding cytokine. <i>Journal of Leukocyte Biology</i> , <b>2002</b> , 72, 1084-91	6.5	204
302	RR interval variability is inversely related to inflammatory markers: the CARDIA study. <i>Molecular Medicine</i> , <b>2007</b> , 13, 178-84	6.2	199

301	DAMP signaling is a key pathway inducing immune modulation after brain injury. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 583-98	6.6	196
300	Transcutaneous vagus nerve stimulation reduces serum high mobility group box 1 levels and improves survival in murine sepsis *. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 2762-2768	1.4	195
299	Anti-HMGB1 neutralizing antibody ameliorates gut barrier dysfunction and improves survival after hemorrhagic shock. <i>Molecular Medicine</i> , <b>2006</b> , 12, 105-14	6.2	194
298	Elevated high-mobility group box 1 levels in patients with cerebral and myocardial ischemia. <i>Shock</i> , <b>2006</b> , 25, 571-4	3.4	191
297	Circulating high-mobility group box 1 (HMGB1) concentrations are elevated in both uncomplicated pneumonia and pneumonia with severe sepsis. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 1061-7	1.4	187
296	Transcutaneous vagus nerve stimulation reduces serum high mobility group box 1 levels and improves survival in murine sepsis. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 2762-8	1.4	182
295	Systemic inflammation and remote organ injury following trauma require HMGB1. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 293, R1538-44	3.2	180
294	Molecular and Functional Neuroscience in Immunity. <i>Annual Review of Immunology</i> , <b>2018</b> , 36, 783-812	34.7	178
293	Cholinergic antiinflammatory pathway inhibition of tumor necrosis factor during ischemia reperfusion. <i>Journal of Vascular Surgery</i> , <b>2002</b> , 36, 1231-6	3.5	176
292	Controlling inflammation: the cholinergic anti-inflammatory pathway. <i>Biochemical Society Transactions</i> , <b>2006</b> , 34, 1037-40	5.1	166
291	The neurology of the immune system: neural reflexes regulate immunity. <i>Neuron</i> , <b>2009</b> , 64, 28-32	13.9	162
290	The microbiota regulate neuronal function and fear extinction learning. <i>Nature</i> , <b>2019</b> , 574, 543-548	50.4	161
289	Neural circuitry and immunity. <i>Immunologic Research</i> , <b>2015</b> , 63, 38-57	4.3	159
288	Bacterial endotoxin stimulates macrophages to release HMGB1 partly through CD14- and TNF-dependent mechanisms. <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 76, 994-1001	6.5	154
287	The selective alpha7 agonist GTS-21 attenuates cytokine production in human whole blood and human monocytes activated by ligands for TLR2, TLR3, TLR4, TLR9, and RAGE. <i>Molecular Medicine</i> , <b>2009</b> , 15, 195-202	6.2	152
286	Increased serum concentrations of high-mobility-group protein 1 in haemorrhagic shock. <i>Lancet, The</i> , <b>1999</b> , 354, 1446-7	40	152
285	Famotidine Use Is Associated With Improved Clinical Outcomes in Hospitalized COVID-19 Patients: A Propensity Score Matched Retrospective Cohort Study. <i>Gastroenterology</i> , <b>2020</b> , 159, 1129-1131.e3	13.3	152
284	HMGB1 enhances immune suppression by facilitating the differentiation and suppressive activity of myeloid-derived suppressor cells. <i>Cancer Research</i> , <b>2014</b> , 74, 5723-33	10.1	151

283	Intracellular Hmgb1 inhibits inflammatory nucleosome release and limits acute pancreatitis in mice. <i>Gastroenterology</i> , <b>2014</b> , 146, 1097-107	13.3	151
282	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. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 316-24	6.6	147
281	HMGB1 mediates cognitive impairment in sepsis survivors. <i>Molecular Medicine</i> , <b>2012</b> , 18, 930-7	6.2	143
280	Cholinergic anti-inflammatory pathway activity and High Mobility Group Box-1 (HMGB1) serum levels in patients with rheumatoid arthritis. <i>Molecular Medicine</i> , <b>2007</b> , 13, 210-5	6.2	143
279	Central cholinergic activation of a vagus nerve-to-spleen circuit alleviates experimental colitis. <i>Mucosal Immunology</i> , <b>2014</b> , 7, 335-47	9.2	139
278	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> , <b>2007</b> , 178, 3856-64	5.3	137
277	Structural basis for the proinflammatory cytokine activity of high mobility group box 1. <i>Molecular Medicine</i> , <b>2003</b> , 9, 37-45	6.2	134
276	Lymphocyte-derived ACh regulates local innate but not adaptive immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 1410-5	11.5	132
275	Activation of human umbilical vein endothelial cells leads to relocation and release of high-mobility group box chromosomal protein 1. <i>Scandinavian Journal of Immunology</i> , <b>2004</b> , 60, 566-73	3.4	129
274	EGCG stimulates autophagy and reduces cytoplasmic HMGB1 levels in endotoxin-stimulated macrophages. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 1152-63	6	127
273	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> , <b>2002</b> , 18, 231-6	4	125
272	α7 nicotinic acetylcholine receptor signaling inhibits inflammasome activation by preventing mitochondrial DNA release. <i>Molecular Medicine</i> , <b>2014</b> , 20, 350-8	6.2	124
271	Extracellular HMGB1: a therapeutic target in severe pulmonary inflammation including COVID-19?. <i>Molecular Medicine</i> , <b>2020</b> , 26, 42	6.2	121
270	Toll-like receptor 2 modulates left ventricular function following ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H503-9	5.2	121
269	Regulation of HMGB1 release by inflammasomes. <i>Protein and Cell</i> , <b>2013</b> , 4, 163-7	7.2	120
268	Understanding immunity requires more than immunology. <i>Nature Immunology</i> , <b>2010</b> , 11, 561-4	19.1	119
267	Cytokine production in a model of wound healing: the appearance of MIP-1, MIP-2, cachectin/TNF and IL-1. <i>Cytokine</i> , <b>1990</b> , 2, 92-9	4	119
266	Recombinant HMGB1 with cytokine-stimulating activity. <i>Journal of Immunological Methods</i> , <b>2004</b> , 289, 211-23	2.5	118

265	HMG-1 rediscovered as a cytokine. <i>Shock</i> , <b>2001</b> , 15, 247-53	3.4	117
264	Suppression of proinflammatory cytokines in monocytes by a tetravalent guanyldiazide. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 183, 927-36	16.6	117
263	TUMOR NECROSIS FACTOR IS A BRAIN DAMAGING CYTOKINE IN CEREBRAL ISCHEMIA. <i>Shock</i> , <b>1997</b> , 8, 141-348	3.4	116
262	Further characterization of high mobility group box 1 (HMGB1) as a proinflammatory cytokine: central nervous system effects. <i>Cytokine</i> , <b>2003</b> , 24, 254-65	4	110
261	An Inhibitor of Macrophage Arginine Transport and Nitric Oxide Production (CNI-1493) Prevents Acute Inflammation and Endotoxin Lethality. <i>Molecular Medicine</i> , <b>1995</b> , 1, 254-266	6.2	106
260	HMGB1 as a cytokine and therapeutic target. <i>Journal of Endotoxin Research</i> , <b>2002</b> , 8, 469-72		106
259	α nicotinic acetylcholine receptor (αnAChR) expression in bone marrow-derived non-T cells is required for the inflammatory reflex. <i>Molecular Medicine</i> , <b>2012</b> , 18, 539-43	6.2	104
258	Cholinergic agonists attenuate renal ischemia-reperfusion injury in rats. <i>Kidney International</i> , <b>2008</b> , 74, 62-9	9.9	104
257	Cutting edge: high-mobility group box 1 preconditioning protects against liver ischemia-reperfusion injury. <i>Journal of Immunology</i> , <b>2006</b> , 176, 7154-8	5.3	101
256	Suppression of HMGB1 release by stearyl lysophosphatidylcholine: an additional mechanism for its therapeutic effects in experimental sepsis. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 623-7	6.3	98
255	Regulation of macrophage activation and inflammation by spermine: a new chapter in an old story. <i>Critical Care Medicine</i> , <b>2000</b> , 28, N60-6	1.4	98
254	The Critical Role of p38 MAP Kinase in T Cell HIV-1 Replication. <i>Molecular Medicine</i> , <b>1997</b> , 3, 339-346	6.2	97
253	Fetuin, a negative acute phase protein, attenuates TNF synthesis and the innate inflammatory response to carrageenan. <i>Shock</i> , <b>2001</b> , 15, 181-5	3.4	97
252	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> , <b>1998</b> , 188, 327-40	16.6	97
251	High-mobility group box 1 protein initiates postoperative cognitive decline by engaging bone marrow-derived macrophages. <i>Anesthesiology</i> , <b>2014</b> , 120, 1160-7	4.3	96
250	Molecular mechanism and therapeutic modulation of high mobility group box 1 release and action: an updated review. <i>Expert Review of Clinical Immunology</i> , <b>2014</b> , 10, 713-27	5.1	96
249	A hepatic protein, fetuin-A, occupies a protective role in lethal systemic inflammation. <i>PLoS ONE</i> , <b>2011</b> , 6, e16945	3.7	96
248	CNI-1493 inhibits monocyte/macrophage tumor necrosis factor by suppression of translation efficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 3967-71	11.5	96

247	Peripheral blood leukocyte kinetics following in vivo lipopolysaccharide (LPS) administration to normal human subjects. Influence of elicited hormones and cytokines. <i>Annals of Surgery</i> , <b>1989</b> , 210, 239-45	7.8	92
246	The inflammatory reflex and the role of complementary and alternative medical therapies. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1172, 172-80	6.5	91
245	Dual roles for HMGB1: DNA binding and cytokine. <i>Journal of Endotoxin Research</i> , <b>2001</b> , 7, 315-21		91
244	Metabolic responses to cachectin/TNF. A brief review. <i>Annals of the New York Academy of Sciences</i> , <b>1990</b> , 587, 325-31	6.5	91
243	Identification of cytokine-specific sensory neural signals by decoding murine vagus nerve activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E4843-E4852	11.5	87
242	Cholinergic neural signals to the spleen down-regulate leukocyte trafficking via CD11b. <i>Journal of Immunology</i> , <b>2009</b> , 183, 552-9	5.3	86
241	Immature dendritic cell-derived exosomes rescue septic animals via milk fat globule epidermal growth factor-factor VIII [corrected]. <i>Journal of Immunology</i> , <b>2009</b> , 183, 5983-90	5.3	85
240	Immunologic role of the cholinergic anti-inflammatory pathway and the nicotinic acetylcholine alpha 7 receptor. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1062, 209-19	6.5	84
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238	HMGB1 is a bone-active cytokine. <i>Journal of Cellular Physiology</i> , <b>2008</b> , 214, 730-9	7	82
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