Kevin J Tracey

List of Publications by Year
in descending order

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399	80,332	529	429
papers	citations	127 h-index	275 g-index

423	423	423	48853
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Peripheral nerve stimulation and immunity: the expanding opportunities for providing mechanistic insight and therapeutic intervention. International Immunology, 2022, 34, 107-118.	4.0	22
2	A fully implantable wireless bidirectional neuromodulation system for mice. Biosensors and Bioelectronics, 2022, 200, 113886.	10.1	21
3	HMGB1-mediated restriction of EPO signaling contributes to anemia of inflammation. Blood, 2022, 139, 3181-3193.	1.4	23
4	Exploring the vagus nerve and the inflammatory reflex for therapeutic benefit in chronic spinal cord injury. Current Opinion in Neurology, 2022, Publish Ahead of Print, .	3.6	3
5	Oral famotidine versus placebo in non-hospitalised patients with COVID-19: a randomised, double-blind, data-intense, phase 2 clinical trial. Gut, 2022, 71, 879-888.	12.1	24
6	Vagus Nerve Stimulation: A Potential Therapeutic Role in Childhood Nephrotic Syndrome?. American Journal of Nephrology, 2022, 53, 290-296.	3.1	2
7	Stimulation of the hepatoportal nerve plexus with focused ultrasound restores glucose homoeostasis in diabetic mice, rats and swine. Nature Biomedical Engineering, 2022, 6, 683-705.	22.5	28
8	Protective Effects of Pegylated Choline Acetyltransferase in a Murine Model of DSS Colitis. FASEB Journal, 2022, 36, .	0.5	0
9	Famotidine exerts antiâ€inflammatory effects via a vagus nerveâ€dependent mechanism. FASEB Journal, 2022, 36, .	0.5	1
10	Vagus Nerve Sensory Neurons Respond Distinctly to Specific Inflammatory Mediators. FASEB Journal, 2022, 36, .	0.5	0
11	Famotidine activates the vagus nerve inflammatory reflex to attenuate cytokine storm. Molecular Medicine, 2022, 28, 57.	4.4	13
12	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
13	The Cholinergic Drug Galantamine Alleviates Oxidative Stress Alongside Anti-inflammatory and Cardio-Metabolic Effects in Subjects With the Metabolic Syndrome in a Randomized Trial. Frontiers in Immunology, 2021, 12, 613979.	4.8	24
14	Targeted peripheral focused ultrasound stimulation attenuates obesity-induced metabolic and inflammatory dysfunctions. Scientific Reports, 2021, 11, 5083.	3.3	22
15	Monoclonal antibodies capable of binding SARS-CoV-2 spike protein receptor-binding motif specifically prevent GM-CSF induction. Journal of Leukocyte Biology, 2021, 111, 261-267.	3.3	13
16	Development and characterization of a chronic implant mouse model for vagus nerve stimulation. ELife, 2021, 10, .	6.0	28
17	Hacking the inflammatory reflex. Lancet Rheumatology, The, 2021, 3, e237-e239.	3.9	4
18	Introduction: Electronic Medicine in Immunology Special Issue Part 1. International Immunology, 2021, 33, 299-300.	4.0	2

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19	Possible inhibition of GM-CSF production by SARS-CoV-2 spike-based vaccines. Molecular Medicine, 2021, 27, 49.	4.4	7
20	The Cholinergic Drug Pyridostigmine Alleviates Inflammation During LPS-Induced Acute Respiratory Distress Syndrome. Frontiers in Pharmacology, 2021, 12, 624895.	3.5	12
21	The Fourth Bioelectronic Medicine Summit â€œTechnology Targeting Molecular Mechanismsâ€: current progress, challenges, and charting the future. Bioelectronic Medicine, 2021, 7, 7.	2.3	5
22	Redox modifications of cysteine residues regulate the cytokine activity of HMGB1. Molecular Medicine, 2021, 27, 58.	4.4	25
23	From human to mouse and back offers hope for patients with fibromyalgia. Journal of Clinical Investigation, 2021, 131, .	8.2	4
24	HMGB1 released from nociceptors mediates inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
25	Systemic administration of choline acetyltransferase decreases blood pressure in murine hypertension. Molecular Medicine, 2021, 27, 133.	4.4	5
26	Post-Translational Modification of HMGB1 Disulfide Bonds in Stimulating and Inhibiting Inflammation. Cells, 2021, 10, 3323.	4.1	32
27	Human Dermcidin Protects Mice Against Hepatic Ischemia-Reperfusionâ€“Induced Local and Remote Inflammatory Injury. Frontiers in Immunology, 2021, 12, 821154.	4.8	4
28	Bioelectronic Medicine: From Preclinical Studies on the Inflammatory Reflex to New Approaches in Disease Diagnosis and Treatment. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a034140.	6.2	54
29	An impedance matching algorithm for common-mode interference removal in vagus nerve recordings. Journal of Neuroscience Methods, 2020, 330, 108467.	2.5	10
30	Evidence of Long-range nerve pathways connecting and coordinating activity in secondary lymph organs. Bioelectronic Medicine, 2020, 6, 21.	2.3	4
31	Identification of a brainstem locus that inhibits tumor necrosis factor. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29803-29810.	7.1	76
32	Extracellular HMGB1: a therapeutic target in severe pulmonary inflammation including COVID-19?. Molecular Medicine, 2020, 26, 42.	4.4	176
33	The Î±7 nicotinic acetylcholine receptor agonist, GTS-21, attenuates hyperoxia-induced acute inflammatory lung injury by alleviating the accumulation of HMGB1 in the airways and the circulation. Molecular Medicine, 2020, 26, 63.	4.4	32
34	Expression of Concern to: Redox modification of cysteine residues regulates the cytokine activity of high mobility group box-1 (HMGB1). Molecular Medicine, 2020, 26, 18.	4.4	3
35	Identification of tetranectin-targeting monoclonal antibodies to treat potentially lethal sepsis. Science Translational Medicine, 2020, 12, .	12.4	34
36	Specific vagus nerve stimulation parameters alter serum cytokine levels in the absence of inflammation. Bioelectronic Medicine, 2020, 6, 8.	2.3	40

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37	Roadmap for the Emerging Field of Cancer Neuroscience. Cell, 2020, 181, 219-222.	28.9	182
38	Auricular neural stimulation as a new non-invasive treatment for opioid detoxification. Bioelectronic Medicine, 2020, 6, 7.	2.3	24
39	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
40	Peripheral Focused Ultrasound Stimulation (pFUS): New Competitor in Pharmaceutical Markets?. SLAS Technology, 2019, 24, 448-452.	1.9	12
41	Identification of hypoglycemia-specific neural signals by decoding murine vagus nerve activity. Bioelectronic Medicine, 2019, 5, 9.	2.3	26
42	Characterization of inflammation and insulin resistance in highâ€fat dietâ€induced male C57BL/6J mouse model of obesity. Animal Models and Experimental Medicine, 2019, 2, 252-258.	3.3	58
43	An Effective Method for Acute Vagus Nerve Stimulation in Experimental Inflammation. Frontiers in Neuroscience, 2019, 13, 877.	2.8	40
44	HMGB1â€“C1q complexes regulate macrophage function by switching between leukotriene and specialized proresolving mediator biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23254-23263.	7.1	64
45	Bioelectronic medicine: updates, challenges and paths forward. Bioelectronic Medicine, 2019, 5, 1.	2.3	41
46	Enhanced Macrophage Pannexin 1 Expression and Hemichannel Activation Exacerbates Lethal Experimental Sepsis. Scientific Reports, 2019, 9, 160.	3.3	30
47	Optogenetic activation of fiber-specific compound action potentials in the mouse vagus nerve. , 2019, , .		3
48	Investigational treatment of rheumatoid arthritis with a vibrotactile device applied to the external ear. Bioelectronic Medicine, 2019, 5, 4.	2.3	55
49	Noninvasive sub-organ ultrasound stimulation for targeted neuromodulation. Nature Communications, 2019, 10, 952.	12.8	121
50	Forebrain Cholinergic Signaling Regulates Innate Immune Responses and Inflammation. Frontiers in Immunology, 2019, 10, 585.	4.8	55
51	Inhibition of HMGB1/RAGE-mediated endocytosis by HMGB1 antagonist box A, anti-HMGB1 antibodies, and cholinergic agonists suppresses inflammation. Molecular Medicine, 2019, 25, 13.	4.4	75
52	Therapeutic Targeting of High-Mobility Group Box-1 in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1566-1569.	5.6	21
53	Choline acetyltransferaseâ€“expressing T cells are required to control chronic viral infection. Science, 2019, 363, 639-644.	12.6	90
54	The microbiota regulate neuronal function and fear extinction learning. Nature, 2019, 574, 543-548.	27.8	302

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55	Buprenorphine Markedly Elevates a Panel of Surrogate Markers in a Murine Model of Sepsis. Shock, 2019, 52, 550-553.	2.1	14
56	High mobility group boxâ€1 induces proâ€inflammatory signaling in human nucleus pulposus cells via tollâ€like receptor 4â€dependent pathway. Journal of Orthopaedic Research, 2019, 37, 220-231.	2.3	39
57	The Role of Sensory Nerves in Modulating Antigen Specific Immune Responses. FASEB Journal, 2019, 33, 859.8.	0.5	0
58	High Intensity Focused Ultrasound Treatment Attenuates Disease Progression in a Mouse Model of Nonâ€Alcoholic Steatohepatitis. FASEB Journal, 2019, 33, 582.1.	0.5	0
59	Optogenetic Stimulation of Cholinergic Neurons in the Brainstem Induces Splenic Nerve Activity and Attenuates Systemic Inflammation. FASEB Journal, 2019, 33, 740.5.	0.5	0
60	Molecular and Functional Neuroscience in Immunity. Annual Review of Immunology, 2018, 36, 783-812.	21.8	304
61	Connexin 43 Hemichannel as a Novel Mediator of Sterile and Infectious Inflammatory Diseases. Scientific Reports, 2018, 8, 166.	3.3	50
62	Identification of ethyl pyruvate as a NLRP3 inflammasome inhibitor that preserves mitochondrial integrity. Molecular Medicine, 2018, 24, 8.	4.4	29
63	Standardization of methods to record Vagus nerve activity in mice. Bioelectronic Medicine, 2018, 4, 3.	2.3	43
64	Adenylyl Cyclase 6 Mediates Inhibition of TNF in the Inflammatory Reflex. Frontiers in Immunology, 2018, 9, 2648.	4.8	49
65	Aerobic Exercise Training and Inducible Inflammation: Results of a Randomized Controlled Trial in Healthy, Young Adults. Journal of the American Heart Association, 2018, 7, e010201.	3.7	21
66	The Endotoxin Delivery Protein HMGB1 Mediates Caspase-11-Dependent Lethality in Sepsis. Immunity, 2018, 49, 740-753.e7.	14.3	377
67	Selective Optogenetic Activation of the Inflammatory Reflex Using Multisite Surgical Approach. Journal of the American College of Surgeons, 2018, 227, S82.	0.5	0
68	Neurons Are the Inflammatory Problem. Cell, 2018, 173, 1066-1068.	28.9	12
69	Immunization Elicits Antigen-Specific Antibody Sequestration in Dorsal Root Ganglia Sensory Neurons. Frontiers in Immunology, 2018, 9, 638.	4.8	15
70	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
71	Exploring the biological functional mechanism of the HMGB1/TLR4/MD-2 complex by surface plasmon resonance. Molecular Medicine, 2018, 24, 21.	4.4	50
72	Neural regulation of immunity: molecular mechanisms and clinical translation. Nature Neuroscience, 2017, 20, 156-166.	14.8	357

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73	Essential Neuroscience in Immunology. Journal of Immunology, 2017, 198, 3389-3397.	0.8	99
74	Expression of Concern: The haptoglobin beta subunit sequesters <scp>HMGB</scp>1 toxicity in sterile and infectious inflammation. Journal of Internal Medicine, 2017, 282, 76-93.	6.0	33
75	Mechanisms and Therapeutic Relevance of Neuro-immune Communication. Immunity, 2017, 46, 927-942.	14.3	445
76	Targeting neural reflex circuits in immunity to treat kidney disease. Nature Reviews Nephrology, 2017, 13, 669-680.	9.6	54
77	Bioelectronic medicine: technology targeting molecular mechanisms for therapy. Journal of Internal Medicine, 2017, 282, 3-4.	6.0	65
78	New melanocortin-like peptide of E. coli can suppress inflammation via the mammalian melanocortin-1 receptor (MC1R): possible endocrine-like function for microbes of the gut. Npj Biofilms and Microbiomes, 2017, 3, 31.	6.4	17
79	Forebrain Cholinergic Dysfunction and Systemic and Brain Inflammation in Murine Sepsis Survivors. Frontiers in Immunology, 2017, 8, 1673.	4.8	74
80	Galantamine alleviates inflammation and insulin resistance in patients with metabolic syndrome in a randomized trial. JCI Insight, 2017, 2, .	5.0	64
81	Neuronal Circuits Modulate Antigen Flow Through Lymph Nodes. Bioelectronic Medicine, 2016, 3, 18-28.	2.3	23
82	Obesity Paradox, Obesity Orthodox, and the Metabolic Syndrome: An Approach to Unity. Molecular Medicine, 2016, 22, 873-885.	4.4	43
83	Emetine Di-HCl Attenuates Type 1 Diabetes Mellitus in Mice. Molecular Medicine, 2016, 22, 585-596.	4.4	5
84	Cytokine-specific Neurograms in the Sensory Vagus Nerve. Bioelectronic Medicine, 2016, 3, 7-17.	2.3	108
85	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
86	C1q and HMGB1 reciprocally regulate human macrophage polarization. Blood, 2016, 128, 2218-2228.	1.4	130
87	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
88	Blood pressure regulation by CD4+ lymphocytes expressing choline acetyltransferase. Nature Biotechnology, 2016, 34, 1066-1071.	17.5	74
89	A novel PINK1- and PARK2-dependent protective neuroimmune pathway in lethal sepsis. Autophagy, 2016, 12, 2374-2385.	9.1	78
90	Reflexes in Immunity. Cell, 2016, 164, 343-344.	28.9	52

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91	Novel strategies for targeting innate immune responses to influenza. Mucosal Immunology, 2016, 9, 1173-1182.	6.0	76
92	In-vivo evidence that high mobility group box 1 exerts deleterious effects in the 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine model and Parkinson's disease which can be attenuated by glycyrrhizin. Neurobiology of Disease, 2016, 91, 59-68.	4.4	78
93	Regulation of Posttranslational Modifications of HMGB1 During Immune Responses. Antioxidants and Redox Signaling, 2016, 24, 620-634.	5.4	98
94	Identification of CD163 as an antiinflammatory receptor for HMGB1-haptoglobin complexes. JCI Insight, 2016, 1, .	5.0	112
95	High-Density Lipoprotein (HDL) Counter-Regulates Serum Amyloid A (SAA)-Induced sPLA2-IIE and sPLA2-V Expression in Macrophages. PLoS ONE, 2016, 11, e0167468.	2.5	24
96	Inhibition of Human Erythropoiesis during Inflammation Is Mediated By High Mobility Group Box Protein 1 (HMGB1) through Decreased Commitment of Hematopoietic Stem Cells to the Erythroid Lineage and By Increased Apoptosis of Terminally Differentiating Erythroblasts. Blood, 2016, 128, 702-702.	1.4	0
97	Cytokine-specific Neurograms in the Sensory Vagus Nerve. Bioelectronic Medicine, 2016, 3, 7-17.	2.3	50
98	Serum Amyloid A Stimulates PKR Expression and HMGB1 Release Possibly through TLR4/RAGE Receptors. Molecular Medicine, 2015, 21, 515-525.	4.4	29
99	HMGB1 Mediates Anemia of Inflammation in Murine Sepsis Survivors. Molecular Medicine, 2015, 21, 951-958.	4.4	45
100	Single-Pulse and Unidirectional Electrical Activation of the Cervical Vagus Nerve Reduces Tumor Necrosis Factor in Endotoxemia. Bioelectronic Medicine, 2015, 2, 37-42.	2.3	65
101	The HIV Protease Inhibitor Saquinavir Inhibits HMGBl-Driven Inflammation by Targeting the Interaction of Cathepsin V with TLR4/MyD88. Molecular Medicine, 2015, 21, 749-757.	4.4	17
102	Galantamine Attenuates Type 1 Diabetes and Inhibits Anti-Insulin Antibodies in Nonobese Diabetic Mice. Molecular Medicine, 2015, 21, 702-708.	4.4	29
103	MD-2 is required for disulfide HMGB1â€“dependent TLR4 signaling. Journal of Experimental Medicine, 2015, 212, 5-14.	8.5	295
104	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
105	DAMP Signaling is a Key Pathway Inducing Immune Modulation after Brain Injury. Journal of Neuroscience, 2015, 35, 583-598.	3.6	275
106	Sepsis: a roadmap for future research. Lancet Infectious Diseases, The, 2015, 15, 581-614.	9.1	827
107	Shock Medicine. Scientific American, 2015, 312, 28-35.	1.0	28
108	Neural circuitry and immunity. Immunologic Research, 2015, 63, 38-57.	2.9	204

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109	HMGB1-Driven Inflammation and Intimal Hyperplasia After Arterial Injury Involves Cell-Specific Actions Mediated by TLR4. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2579-2593.	2.4	62
110	Xanomeline suppresses excessive pro-inflammatory cytokine responses through neural signal-mediated pathways and improves survival in lethal inflammation. Brain, Behavior, and Immunity, 2015, 44, 19-27.	4.1	64
111	Approaching the Next Revolution? Evolutionary Integration of Neural and Immune Pathogen Sensing and Response: Figure 1.. Cold Spring Harbor Perspectives in Biology, 2015, 7, a016360.	5.5	19
112	Cholinergic Stimulation Improves Hemostasis in a Hemophilia Mouse Model. Blood, 2015, 126, 3528-3528.	1.4	3
113	Brain Region-Specific Alterations in the Gene Expression of Cytokines, Immune Cell Markers and Cholinergic System Components during Peripheral Endotoxin-Induced Inflammation. Molecular Medicine, 2014, 20, 601-611.	4.4	79
114	Molecular Medicine Commemorates the Career and Science of Anthony Cerami. Molecular Medicine, 2014, 20, S1-S1.	4.4	0
115	Farewell Statement from Dr. Cerami and Dr. Tracey as Outgoing Co-Editors in Chief of Molecular Medicine. Molecular Medicine, 2014, 20, 329-330.	4.4	0
116	Î±7 Nicotinic Acetylcholine Receptor Signaling Inhibits Inflammasome Activation by Preventing Mitochondrial DNA Release. Molecular Medicine, 2014, 20, 350-358.	4.4	169
117	The Revolutionary Future of Bioelectronic Medicine. Bioelectronic Medicine, 2014, 1, 1-1.	2.3	7
118	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
119	Expression of Concern: The functions of <scp>HMGB</scp>1 depend on molecular localization and postâ€translational modifications. Journal of Internal Medicine, 2014, 276, 420-424.	6.0	80
120	Bacteria and the Neural Code. New England Journal of Medicine, 2014, 371, 2131-2133.	27.0	12
121	Lymphocyte called home: Î²2-adreneric neurotransmission confines T cells to lymph nodes to suppress inflammation. Journal of Experimental Medicine, 2014, 211, 2483-2484.	8.5	8
122	Intracellular Hmgb1 Inhibits Inflammatory Nucleosome Release and Limits Acute Pancreatitis in Mice. Gastroenterology, 2014, 146, 1097-1107.e8.	1.3	200
123	Central cholinergic activation of a vagus nerve-to-spleen circuit alleviates experimental colitis. Mucosal Immunology, 2014, 7, 335-347.	6.0	170
124	Regulating innate immunity with dopamine and electroacupuncture. Nature Medicine, 2014, 20, 239-241.	30.7	38
125	Sepsis: Current Dogma and New Perspectives. Immunity, 2014, 40, 463-475.	14.3	533
126	A distinct vagal anti-inflammatory pathway modulates intestinal muscularis resident macrophages independent of the spleen. Gut, 2014, 63, 938-948.	12.1	332

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127	Hypertension: An Immune Disorder?. Immunity, 2014, 41, 673-674.	14.3	8
128	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
129	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
130	A Systematic Nomenclature for the Redox States of High Mobility Group Box (HMGB) Proteins. Molecular Medicine, 2014, 20, 135-137.	4.4	94
131	High-mobility Group Box 1 Protein Initiates Postoperative Cognitive Decline by Engaging Bone Marrowâ€“derived Macrophages. Anesthesiology, 2014, 120, 1160-1167.	2.5	132
132	Sequestering HMGB1 via DNA-Conjugated Beads Ameliorates Murine Colitis. PLoS ONE, 2014, 9, e103992.	2.5	24
133	Central Muscarinic Cholinergic Activation Alters Interaction between Splenic Dendritic Cell and CD4+CD25- T Cells in Experimental Colitis. PLoS ONE, 2014, 9, e109272.	2.5	80
134	All-Thiol HMGB1 Is a Critical Inducer of Anemia in Sepsis Survivors through CXCR4 Signaling. Blood, 2014, 124, 2672-2672.	1.4	0
135	Expression of Concern: <scp>HMGB</scp>1 mediates splenomegaly and expansion of splenic <scp>CD</scp>11b+ <scp>L</scp>yâ€6<scp>C</scp>^{high} inflammatory monocytes in murine sepsis survivors. Journal of Internal Medicine, 2013, 274, 381-390.	6.0	74
136	Systemic release of high mobility group box 1 (HMGB1) protein is associated with severe and fatal Plasmodium falciparum malaria. Malaria Journal, 2013, 12, 105.	2.3	35
137	Cold-inducible RNA-binding protein (CIRP) triggers inflammatory responses in hemorrhagic shock and sepsis. Nature Medicine, 2013, 19, 1489-1495.	30.7	322
138	High-mobility group box 1 and the receptor for advanced glycation end products contribute to lung injury during Staphylococcus aureus pneumonia. Critical Care, 2013, 17, R296.	5.8	43
139	Sepsis definitions â€“ Authors'reply. Lancet, The, 2013, 381, 2250.	13.7	5
140	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
141	Regulation of HMGB1 release by inflammasomes. Protein and Cell, 2013, 4, 163-167.	11.0	144
142	Sepsis definitions: time for change. Lancet, The, 2013, 381, 774-775.	13.7	579
143	A jump-start for electroceuticals. Nature, 2013, 496, 159-161.	27.8	523
144	High Mobility Group Boxâ€“1 Mediates Hyperoxia-Induced Impairment ofPseudomonas aeruginosaClearance and Inflammatory Lung Injury in Mice. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 280-287.	2.9	71

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145	High-Mobility Group Box 1 Mediates Persistent Splenocyte Priming in Sepsis Survivors. Shock, 2013, 40, 492-495.	2.1	43
146	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
147	Green Tea Catechins Quench the Fluorescence of Bacteria-Conjugated Alexa Fluor Dyes. Inflammation and Allergy: Drug Targets, 2013, 12, 308-314.	1.8	12
148	Editorial. Molecular Medicine, 2013, 19, 333-333.	4.4	1
149	Identification of Pharmacological Modulators of HMGB1-Induced Inflammatory Response by Cell-Based Screening. PLoS ONE, 2013, 8, e65994.	2.5	31
150	HMGB1 Is a Key Modulator Of Stress Erythropoiesis During Sepsis. Blood, 2013, 122, 8-8.	1.4	5
151	Identification of Hemopexin as an Anti-Inflammatory Factor That Inhibits Synergy of Hemoglobin with HMGB1 in Sterile and Infectious Inflammation. Journal of Immunology, 2012, 189, 2017-2022.	0.8	80
152	The pro-inflammatory effect of HMGB1, a mediator of inflammation in arthritis, is dependent on the redox status of the protein. Annals of the Rheumatic Diseases, 2012, 71, A81.2-A82.	0.9	1
153	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
154	The vagus nerve and the inflammatory reflexâ€"linking immunity and metabolism. Nature Reviews Endocrinology, 2012, 8, 743-754.	9.6	635
155	Neural reflexes in inflammation and immunity. Journal of Experimental Medicine, 2012, 209, 1057-1068.	8.5	308
156	Alarmins: awaiting a clinical response. Journal of Clinical Investigation, 2012, 122, 2711-2719.	8.2	408
157	Mutually exclusive redox forms of HMGB1 promote cell recruitment or proinflammatory cytokine release. Journal of Experimental Medicine, 2012, 209, 1519-1528.	8.5	590
158	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
159	Neural Signaling in the Spleen Controls B-Cell Responses to Blood-Borne Antigen. Molecular Medicine, 2012, 18, 618-627.	4.4	62
160	Immune Cells Exploit a Neural Circuit to Enter the CNS. Cell, 2012, 148, 392-394.	28.9	34
161	Tanshinone IIA sodium sulfonate facilitates endocytic HMGB1 uptake. Biochemical Pharmacology, 2012, 84, 1492-1500.	4.4	48
162	RAGE Does Not Contribute to Renal Injury and Damage upon Ischemia/Reperfusion-Induced Injury. Journal of Innate Immunity, 2012, 4, 80-85.	3.8	22

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163	Renal expression and serum levels of high mobility group box 1 protein in lupus nephritis. Arthritis Research and Therapy, 2012, 14, R36.	3.5	64
164	Response to â€œHMGB1 Mediates Cognitive Impairment in Sepsis Survivorsâ€• Molecular Medicine, 2012, 18, 1359-1359.	4.4	1
165	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
166	Identification of Pigment Epithelium-Derived Factor as an Adipocyte-Derived Inflammatory Factor. Molecular Medicine, 2012, 18, 1161-1168.	4.4	42
167	HMGB1 Mediates Cognitive Impairment in Sepsis Survivors. Molecular Medicine, 2012, 18, 930-937.	4.4	172
168	Reflex Principles of Immunological Homeostasis. Annual Review of Immunology, 2012, 30, 313-335.	21.8	348
169	Novel role of PKR in inflammasome activation and HMGB1 release. Nature, 2012, 488, 670-674.	27.8	672
170	Rethinking inflammation: neural circuits in the regulation of immunity. Immunological Reviews, 2012, 248, 188-204.	6.0	327
171	Mutually exclusive redox forms of HMGB1 promote cell recruitment or proinflammatory cytokine release. Journal of General Physiology, 2012, 140, i3-i3.	1.9	0
172	A new approach to rheumatoid arthritis: treating inflammation with computerized nerve stimulation. Cerebrum: the Dana Forum on Brain Science, 2012, 2012, 3.	0.1	8
173	A Hepatic Protein, Fetuin-A, Occupies a Protective Role in Lethal Systemic Inflammation. PLoS ONE, 2011, 6, e16945.	2.5	131
174	HMGB1 Is a Therapeutic Target for Sterile Inflammation and Infection. Annual Review of Immunology, 2011, 29, 139-162.	21.8	1,230
175	Ancient Neurons Regulate Immunity. Science, 2011, 332, 673-674.	12.6	24
176	Mapping the immunological homunculus. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3461-3462.	7.1	27
177	Acetylcholine-Synthesizing T Cells Relay Neural Signals in a Vagus Nerve Circuit. Science, 2011, 334, 98-101.	12.6	1,158
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