

Haichao Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Z-DNA binding protein 1 promotes heatstroke-induced cell death.. <i>Science</i> , 2022 , 376, 609-615 | 33.3 | 2 |
| 207 | Human Dermcidin Protects Mice Against Hepatic Ischemia-Reperfusion-Induced Local and Remote Inflammatory Injury.. <i>Frontiers in Immunology</i> , 2021 , 12, 821154 | 8.4 | 1 |
| 206 | Oral microbiota affects the efficacy and prognosis of radiotherapy for colorectal cancer in mouse models. <i>Cell Reports</i> , 2021 , 37, 109886 | 10.6 | 4 |
| 205 | Heparin prevents caspase-11-dependent septic lethality independent of anticoagulant properties. <i>Immunity</i> , 2021 , 54, 454-467.e6 | 32.3 | 27 |
| 204 | Release mechanisms of major DAMPs. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021 , 26, 152-162 | 5.4 | 41 |
| 203 | Monoclonal antibodies capable of binding SARS-CoV-2 spike protein receptor-binding motif specifically prevent GM-CSF induction. <i>Journal of Leukocyte Biology</i> , 2021 , | 6.5 | 8 |
| 202 | A small molecule binding HMGB1 inhibits caspase-11-mediated lethality in sepsis. <i>Cell Death and Disease</i> , 2021 , 12, 402 | 9.8 | 3 |
| 201 | Possible inhibition of GM-CSF production by SARS-CoV-2 spike-based vaccines. <i>Molecular Medicine</i> , 2021 , 27, 49 | 6.2 | 4 |
| 200 | Emerging mechanisms of immunocoagulation in sepsis and septic shock. <i>Trends in Immunology</i> , 2021 , 42, 508-522 | 14.4 | 7 |
| 199 | 2-O, 3-O desulfated heparin (ODSH) increases bacterial clearance and attenuates lung injury in cystic fibrosis by restoring HMGB1-compromised macrophage function. <i>Molecular Medicine</i> , 2021 , 27, 79 | 6.2 | 2 |
| 198 | HMGB1 released from nociceptors mediates inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 9 |
| 197 | Endogenous Regulation and Pharmacological Modulation of Sepsis-Induced HMGB1 Release and Action: An Updated Review. <i>Cells</i> , 2021 , 10, | 7.9 | 5 |
| 196 | HMGB1 as a potential biomarker and therapeutic target for severe COVID-19. <i>Heliyon</i> , 2020 , 6, e05672 | 3.6 | 50 |
| 195 | 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 |
| 194 | EDA2R mediates podocyte injury in high glucose milieu. <i>Biochimie</i> , 2020 , 174, 74-83 | 4.6 | 4 |
| 193 | TMEM173 Drives Lethal Coagulation in Sepsis. <i>Cell Host and Microbe</i> , 2020 , 27, 556-570.e6 | 23.4 | 53 |
| 192 | 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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|-----|---|------|-----|
| 191 | Analysis of Circulating HMGB1 in Human Serum. <i>Methods in Molecular Biology</i> , 2020 , 2108, 15-28 | 1.4 | 0 |
| 190 | Monoclonal Antibodies Capable of Binding SARS-CoV-2 Spike Protein Receptor Binding Motif Specifically Prevent GM-CSF Induction 2020 , | | 1 |
| 189 | Extracellular microRNA 130b-3p inhibits eCIRP-induced inflammation. <i>EMBO Reports</i> , 2020 , 21, e48075 | 6.5 | 14 |
| 188 | Extracellular SQSTM1 mediates bacterial septic death in mice through insulin receptor signalling. <i>Nature Microbiology</i> , 2020 , 5, 1576-1587 | 26.6 | 17 |
| 187 | Gut Microbiota Metabolite Fights Against Dietary Polysorbate 80-Aggravated Radiation Enteritis. <i>Frontiers in Microbiology</i> , 2020 , 11, 1450 | 5.7 | 4 |
| 186 | Time to Develop Therapeutic Antibodies Against Harmless Proteins Colluding with Sepsis Mediators?. <i>ImmunoTargets and Therapy</i> , 2020 , 9, 157-166 | 9 | 1 |
| 185 | The role of type 1 interferons in coagulation induced by gram-negative bacteria. <i>Blood</i> , 2020 , 135, 1087-1100 | 1.00 | 30 |
| 184 | Targeting Inflammation Driven by HMGB1. <i>Frontiers in Immunology</i> , 2020 , 11, 484 | 8.4 | 118 |
| 183 | Caspase-11 signaling enhances graft-versus-host disease. <i>Nature Communications</i> , 2019 , 10, 4044 | 17.4 | 12 |
| 182 | Enhanced Macrophage Pannexin 1 Expression and Hemichannel Activation Exacerbates Lethal Experimental Sepsis. <i>Scientific Reports</i> , 2019 , 9, 160 | 4.9 | 20 |
| 181 | cAMP metabolism controls caspase-11 inflammasome activation and pyroptosis in sepsis. <i>Science Advances</i> , 2019 , 5, eaav5562 | 14.3 | 46 |
| 180 | High mobility group box 1 enables bacterial lipids to trigger receptor-interacting protein kinase 3 (RIPK3)-mediated necroptosis and apoptosis in mice. <i>Journal of Biological Chemistry</i> , 2019 , 294, 8872-8884 | 5.4 | 10 |
| 179 | Grem2 mediates podocyte apoptosis in high glucose milieu. <i>Biochimie</i> , 2019 , 160, 113-121 | 4.6 | 8 |
| 178 | Naturally-Derived PHA-L Protein Nanoparticle as a Radioprotector Through Activation of Toll-Like Receptor 5. <i>Journal of Biomedical Nanotechnology</i> , 2019 , 15, 62-76 | 4 | 9 |
| 177 | Sexual Dimorphism of Gut Microbiota Dictates Therapeutics Efficacy of Radiation Injuries. <i>Advanced Science</i> , 2019 , 6, 1901048 | 13.6 | 17 |
| 176 | Modulation of HMGB1 Release for Treating Lethal Infection and Injury 2019 , 229-252 | | |
| 175 | Buprenorphine Markedly Elevates a Panel of Surrogate Markers in a Murine Model of Sepsis. <i>Shock</i> , 2019 , 52, 550-553 | 3.4 | 8 |
| 174 | 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 |

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|-----|--|------|-----|
| 173 | Gut microbiota modulates alcohol withdrawal-induced anxiety in mice. <i>Toxicology Letters</i> , 2018 , 287, 23-30 | 4.4 | 43 |
| 172 | Hydrogen-water ameliorates radiation-induced gastrointestinal toxicity via MyD88 effects on the gut microbiota. <i>Experimental and Molecular Medicine</i> , 2018 , 50, e433 | 12.8 | 36 |
| 171 | Connexin 43 Hemichannel as a Novel Mediator of Sterile and Infectious Inflammatory Diseases. <i>Scientific Reports</i> , 2018 , 8, 166 | 4.9 | 32 |
| 170 | Identification of ethyl pyruvate as a NLRP3 inflammasome inhibitor that preserves mitochondrial integrity. <i>Molecular Medicine</i> , 2018 , 24, 8 | 6.2 | 19 |
| 169 | Nicotine enhances mesangial cell proliferation and fibronectin production in high glucose milieu via activation of Wnt/ β -catenin pathway. <i>Bioscience Reports</i> , 2018 , 38, | 4.1 | 4 |
| 168 | APOL1 risk variants cause podocytes injury through enhancing endoplasmic reticulum stress. <i>Bioscience Reports</i> , 2018 , 38, | 4.1 | 26 |
| 167 | The Circadian Clock Controls Immune Checkpoint Pathway in Sepsis. <i>Cell Reports</i> , 2018 , 24, 366-378 | 10.6 | 65 |
| 166 | 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 |
| 165 | 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 |
| 164 | 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 |
| 163 | Myeloid Cell Hypoxia-Inducible Factors Promote Resolution of Inflammation in Experimental Colitis. <i>Frontiers in Immunology</i> , 2018 , 9, 2565 | 8.4 | 11 |
| 162 | The Endotoxin Delivery Protein HMGB1 Mediates Caspase-11-Dependent Lethality in Sepsis. <i>Immunity</i> , 2018 , 49, 740-753.e7 | 32.3 | 217 |
| 161 | Retraction Note: 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> , 2018 , 13, 70 | 3 | 1 |
| 160 | Involvement of PKC δ 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 |
| 159 | Faecal microbiota transplantation protects against radiation-induced toxicity. <i>EMBO Molecular Medicine</i> , 2017 , 9, 448-461 | 12 | 114 |
| 158 | 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 |
| 157 | Intracellular HMGB1 as a novel tumor suppressor of pancreatic cancer. <i>Cell Research</i> , 2017 , 27, 916-932 | 24.7 | 76 |
| 156 | ALK is a therapeutic target for lethal sepsis. <i>Science Translational Medicine</i> , 2017 , 9, | 17.5 | 58 |

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|-----|--|------|------|
| 155 | 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 |
| 154 | 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 |
| 153 | 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 |
| 152 | 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 |
| 151 | PKM2-dependent glycolysis promotes NLRP3 and AIM2 inflammasome activation. <i>Nature Communications</i> , 2016 , 7, 13280 | 17.4 | 210 |
| 150 | A novel PINK1- and PARK2-dependent protective neuroimmune pathway in lethal sepsis. <i>Autophagy</i> , 2016 , 12, 2374-2385 | 10.2 | 53 |
| 149 | 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 |
| 148 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222 | 10.2 | 3838 |
| 147 | Regulation of Posttranslational Modifications of HMGB1 During Immune Responses. <i>Antioxidants and Redox Signaling</i> , 2016 , 24, 620-34 | 8.4 | 69 |
| 146 | Identification of CD163 as an antiinflammatory receptor for HMGB1-haptoglobin complexes. <i>JCI Insight</i> , 2016 , 1, | 9.9 | 67 |
| 145 | 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 |
| 144 | Novel chemokine-like activities of histones in tumor metastasis. <i>Oncotarget</i> , 2016 , 7, 61728-61740 | 3.3 | 9 |
| 143 | Ionizing Radiation Induces HMGB1 Cytoplasmic Translocation and Extracellular Release 2016 , 40, 91-99 | | 19 |
| 142 | Plumbagin Protects Mice from Lethal Sepsis by Modulating Immunometabolism Upstream of PKM2. <i>Molecular Medicine</i> , 2016 , 22, 162-172 | 6.2 | 25 |
| 141 | Circadian Rhythm Shapes the Gut Microbiota Affecting Host Radiosensitivity. <i>International Journal of Molecular Sciences</i> , 2016 , 17, | 6.3 | 43 |
| 140 | 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 |
| 139 | HSPB1 as a novel regulator of ferroptotic cancer cell death. <i>Oncogene</i> , 2015 , 34, 5617-25 | 9.2 | 257 |
| 138 | EGCG induces G-CSF expression and neutrophilia in experimental sepsis. <i>Immunologic Research</i> , 2015 , 63, 144-52 | 4.3 | 2 |

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|-----|--|------|-----|
| 137 | An ongoing search for potential targets and therapies for lethal sepsis. <i>Military Medical Research</i> , 2015 , 2, 20 | 19.3 | 9 |
| 136 | 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 |
| 135 | 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 |
| 134 | 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 |
| 133 | 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 |
| 132 | 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 |
| 131 | MD-2 is required for disulfide HMGB1-dependent TLR4 signaling. <i>Journal of Experimental Medicine</i> , 2015 , 212, 5-14 | 16.6 | 214 |
| 130 | Targeting HMGB1 in the treatment of sepsis. <i>Expert Opinion on Therapeutic Targets</i> , 2014 , 18, 257-68 | 6.4 | 96 |
| 129 | PKM2 regulates the Warburg effect and promotes HMGB1 release in sepsis. <i>Nature Communications</i> , 2014 , 5, 4436 | 17.4 | 241 |
| 128 | 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 |
| 127 | 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 |
| 126 | Intraperitoneal administration of fetuin-A attenuates D-galactosamine/lipopolysaccharide-induced liver failure in mouse. <i>Digestive Diseases and Sciences</i> , 2014 , 59, 1789-97 | 4 | 9 |
| 125 | HMGB1 in health and disease. <i>Molecular Aspects of Medicine</i> , 2014 , 40, 1-116 | 16.7 | 557 |
| 124 | Inhibition of extracellular HMGB1 attenuates hyperoxia-induced inflammatory acute lung injury. <i>Redox Biology</i> , 2014 , 2, 314-22 | 11.3 | 80 |
| 123 | α 7 nicotinic acetylcholine receptor signaling inhibits inflammasome activation by preventing mitochondrial DNA release. <i>Molecular Medicine</i> , 2014 , 20, 350-8 | 6.2 | 124 |
| 122 | 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 |
| 121 | Novel mechanisms involving chemically modified tetracycline 3 cytotoxicity. <i>Anti-Cancer Drugs</i> , 2014 , 25, 1165-74 | 2.4 | 4 |
| 120 | The HMGB1/RAGE inflammatory pathway promotes pancreatic tumor growth by regulating mitochondrial bioenergetics. <i>Oncogene</i> , 2014 , 33, 567-77 | 9.2 | 157 |

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| 119 | Intracellular Hmgb1 inhibits inflammatory nucleosome release and limits acute pancreatitis in mice. <i>Gastroenterology</i> , 2014 , 146, 1097-107 | 13.3 | 151 |
| 118 | Analysis of the released nuclear cytokine HMGB1 in human serum. <i>Methods in Molecular Biology</i> , 2014 , 1172, 13-25 | 1.4 | 1 |
| 117 | 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 |
| 116 | Regulation of HMGB1 release by inflammasomes. <i>Protein and Cell</i> , 2013 , 4, 163-7 | 7.2 | 120 |
| 115 | High Mobility Group Box-1 mediates hyperoxia-induced impairment of Pseudomonas aeruginosa clearance and inflammatory lung injury in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 48, 280-7 | 5.7 | 59 |
| 114 | Green tea catechins quench the fluorescence of bacteria-conjugated Alexa fluor dyes. <i>Inflammation and Allergy: Drug Targets</i> , 2013 , 12, 308-14 | | 10 |
| 113 | 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 |
| 112 | Tea and Sepsis: Effects on Inflammatory Cytokines 2013 , 581-591 | | |
| 111 | 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 |
| 110 | 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 |
| 109 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544 | 46.2 | 2783 |
| 108 | Tanshinone IIA sodium sulfonate facilitates endocytic HMGB1 uptake. <i>Biochemical Pharmacology</i> , 2012 , 84, 1492-500 | 6 | 41 |
| 107 | Inhibition of high-mobility group box 1 protein (HMGB1) enhances bacterial clearance and protects against Pseudomonas Aeruginosa pneumonia in cystic fibrosis. <i>Molecular Medicine</i> , 2012 , 18, 477-85 | 6.2 | 74 |
| 106 | Novel role of PKR in inflammasome activation and HMGB1 release. <i>Nature</i> , 2012 , 488, 670-4 | 50.4 | 542 |
| 105 | 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 |
| 104 | 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 |
| 103 | Use of animal model of sepsis to evaluate novel herbal therapies. <i>Journal of Visualized Experiments</i> , 2012 , | 1.6 | 10 |
| 102 | Anti-inflammatory role of fetuin-A in injury and infection. <i>Current Molecular Medicine</i> , 2012 , 12, 625-33 | 2.5 | 97 |

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|-----|---|------|-----|
| 101 | Future Application of Integrative Therapies for Sepsis: Bench and Experimental Animal Models 2012 , 189-206 | | |
| 100 | A hepatic protein, fetuin-A, occupies a protective role in lethal systemic inflammation. <i>PLoS ONE</i> , 2011 , 6, e16945 | 3.7 | 96 |
| 99 | Peripheral administration of human adrenomedullin and its binding protein attenuates stroke-induced apoptosis and brain injury in rats. <i>Molecular Medicine</i> , 2011 , 17, 1075-83 | 6.2 | 11 |
| 98 | Role of Fetuin-A in Injury and Infection 2011 , | | 2 |
| 97 | EGCG stimulates autophagy and reduces cytoplasmic HMGB1 levels in endotoxin-stimulated macrophages. <i>Biochemical Pharmacology</i> , 2011 , 81, 1152-63 | 6 | 127 |
| 96 | HMGB1 cytoplasmic translocation in patients with acute liver failure. <i>BMC Gastroenterology</i> , 2011 , 11, 21 | 3 | 53 |
| 95 | 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 |
| 94 | WAVE1 regulates Bcl-2 localization and phosphorylation in leukemia cells. <i>Leukemia</i> , 2010 , 24, 177-86 | 10.7 | 28 |
| 93 | 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 |
| 92 | 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 |
| 91 | 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 |
| 90 | Spermine protects mice against lethal sepsis partly by attenuating surrogate inflammatory markers. <i>Molecular Medicine</i> , 2009 , 15, 275-82 | 6.2 | 74 |
| 89 | 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 |
| 88 | 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 |
| 87 | 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 |
| 86 | Ethyl pyruvate improves survival in awake hemorrhage. <i>Journal of Molecular Medicine</i> , 2009 , 87, 423-33 | 5.5 | 29 |
| 85 | Novel HMGB1-inhibiting therapeutic agents for experimental sepsis. <i>Shock</i> , 2009 , 32, 348-57 | 3.4 | 95 |
| 84 | Orexigenic hormone ghrelin ameliorates gut barrier dysfunction in sepsis in rats. <i>Critical Care Medicine</i> , 2009 , 37, 2421-6 | 1.4 | 69 |

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|----|--|-----|-----|
| 83 | 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 |
| 82 | Therapeutic potential of HMGB1-targeting agents in sepsis. <i>Expert Reviews in Molecular Medicine</i> , 2008 , 10, e32 | 6.7 | 87 |
| 81 | Splenectomy protects against sepsis lethality and reduces serum HMGB1 levels. <i>Journal of Immunology</i> , 2008 , 181, 3535-9 | 5.3 | 75 |
| 80 | 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 |
| 79 | Caging a Beast in the Inflammation Arena: Use of Chinese Medicinal Herbs to Inhibit a Late Mediator of Lethal Sepsis, HMGB1. <i>International Journal of Clinical and Experimental Medicine</i> , 2008 , 1, 64-75 | | 12 |
| 78 | A major ingredient of green tea rescues mice from lethal sepsis partly by inhibiting HMGB1. <i>FASEB Journal</i> , 2008 , 22, 48.6 | 0.9 | |
| 77 | Alveolar macrophage suppression in sepsis is associated with high mobility group box 1 transmigration. <i>Shock</i> , 2008 , 29, 754-60 | 3.4 | 15 |
| 76 | 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 |
| 75 | Growth suppression and radiosensitivity increase by HMGB1 in breast cancer. <i>Acta Pharmacologica Sinica</i> , 2007 , 28, 1957-67 | 8 | 83 |
| 74 | 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 |
| 73 | Hydrogen peroxide stimulates macrophages and monocytes to actively release HMGB1. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 741-7 | 6.5 | 225 |
| 72 | 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 |
| 71 | 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 |
| 70 | A novel role for HMGB1 in TLR9-mediated inflammatory responses to CpG-DNA. <i>Blood</i> , 2007 , 110, 1970-81 | | 361 |
| 69 | 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 |
| 68 | 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 |
| 67 | 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 |
| 66 | HMGB1 as a potential therapeutic target. <i>Novartis Foundation Symposium</i> , 2007 , 280, 73-85; discussion 85-91, 160-4 | | 21 |

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|----|--|------|------|
| 65 | Role of HMGB1 in apoptosis-mediated sepsis lethality. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1637-42 | 4.2 | 312 |
| 64 | Potential role of high mobility group box 1 in viral infectious diseases. <i>Viral Immunology</i> , 2006 , 19, 3-9 | 1.7 | 70 |
| 63 | Role of HMGB1 in cardiovascular diseases. <i>Current Opinion in Pharmacology</i> , 2006 , 6, 130-5 | 5.1 | 93 |
| 62 | 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 |
| 61 | The aqueous extract of a popular herbal nutrient supplement, Angelica sinensis, protects mice against lethal endotoxemia and sepsis. <i>Journal of Nutrition</i> , 2006 , 136, 360-5 | 4.1 | 72 |
| 60 | HMGB1 signals through toll-like receptor (TLR) 4 and TLR2. <i>Shock</i> , 2006 , 26, 174-9 | 3.4 | 619 |
| 59 | Elevated high-mobility group box 1 levels in patients with cerebral and myocardial ischemia. <i>Shock</i> , 2006 , 25, 571-4 | 3.4 | 191 |
| 58 | The cytokine activity of HMGB1. <i>Journal of Leukocyte Biology</i> , 2005 , 78, 1-8 | 6.5 | 407 |
| 57 | 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 |
| 56 | Adrenomedullin and its binding protein attenuate the proinflammatory response after hemorrhage. <i>Critical Care Medicine</i> , 2005 , 33, 391-8 | 1.4 | 32 |
| 55 | 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 |
| 54 | Suppressor alphabeta T lymphocytes control innate resistance to endotoxic shock. <i>Journal of Infectious Diseases</i> , 2005 , 192, 1039-46 | 7 | 5 |
| 53 | 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 |
| 52 | 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 |
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