

Huan Yang

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.

52
papers

9,192
citations

28
h-index

58
g-index

58
ext. papers

10,533
ext. citations

8.9
avg, IF

5.72
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 52 | HMGB1-Mediated Restriction of EPO Signaling Contributes to Anemia of Inflammation.. <i>Blood</i> , 2022 , | 2.2 | 3 |
| 51 | Famotidine activates the vagus nerve inflammatory reflex to attenuate cytokine storm.. <i>Molecular Medicine</i> , 2022 , 28, 57 | 6.2 | 2 |
| 50 | Redox modifications of cysteine residues regulate the cytokine activity of HMGB1. <i>Molecular Medicine</i> , 2021 , 27, 58 | 6.2 | 7 |
| 49 | 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 |
| 48 | Targeting Inflammation Driven by HMGB1. <i>Frontiers in Immunology</i> , 2020 , 11, 484 | 8.4 | 118 |
| 47 | Enhanced Macrophage Pannexin 1 Expression and Hemichannel Activation Exacerbates Lethal Experimental Sepsis. <i>Scientific Reports</i> , 2019 , 9, 160 | 4.9 | 20 |
| 46 | Investigational treatment of rheumatoid arthritis with a vibrotactile device applied to the external ear. <i>Bioelectronic Medicine</i> , 2019 , 5, 4 | 5.4 | 31 |
| 45 | Reuniting overnutrition and undernutrition, macronutrients, and micronutrients. <i>Diabetes/Metabolism Research and Reviews</i> , 2019 , 35, e3072 | 7.5 | 11 |
| 44 | High mobility group box-1 induces pro-inflammatory signaling in human nucleus pulposus cells via toll-like receptor 4-dependent pathway. <i>Journal of Orthopaedic Research</i> , 2019 , 37, 220-231 | 3.8 | 25 |
| 43 | Extracellular HMGB1 as a therapeutic target in inflammatory diseases. <i>Expert Opinion on Therapeutic Targets</i> , 2018 , 22, 263-277 | 6.4 | 146 |
| 42 | Connexin 43 Hemichannel as a Novel Mediator of Sterile and Infectious Inflammatory Diseases. <i>Scientific Reports</i> , 2018 , 8, 166 | 4.9 | 32 |
| 41 | Identification of ethyl pyruvate as a NLRP3 inflammasome inhibitor that preserves mitochondrial integrity. <i>Molecular Medicine</i> , 2018 , 24, 8 | 6.2 | 19 |
| 40 | High-mobility group box 1 protein (HMGB1) operates as an alarmin outside as well as inside cells. <i>Seminars in Immunology</i> , 2018 , 38, 40-48 | 10.7 | 137 |
| 39 | HMGB1 Causes Anemia of Inflammation By Modulating Erythropoietin Signal Transduction. <i>Blood</i> , 2018 , 132, 628-628 | 2.2 | |
| 38 | High mobility group box-1 (HMGB1) is increased in injured mouse spinal cord and can elicit neurotoxic inflammation. <i>Brain, Behavior, and Immunity</i> , 2018 , 72, 22-33 | 16.6 | 27 |
| 37 | Folic acid derived-P5779 mimetics regulate DAMP-mediated inflammation through disruption of HMGB1:TLR4:MD-2 axes. <i>PLoS ONE</i> , 2018 , 13, e0193028 | 3.7 | 10 |
| 36 | The Endotoxin Delivery Protein HMGB1 Mediates Caspase-11-Dependent Lethality in Sepsis. <i>Immunity</i> , 2018 , 49, 740-753.e7 | 32.3 | 217 |

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| 35 | 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 |
| 34 | Cathepsin L promotes Vascular Intimal Hyperplasia after Arterial Injury. <i>Molecular Medicine</i> , 2017 , 23, 92-100 | 6.2 | 15 |
| 33 | 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 |
| 32 | Obesity paradox, obesity orthodox, and the metabolic syndrome: An approach to unity. <i>Molecular Medicine</i> , 2017 , 22, 873-885 | 6.2 | 28 |
| 31 | HMGB1 Mediates Anemia of Inflammation in Murine Sepsis Survivors. <i>Molecular Medicine</i> , 2016 , 21, 951-958 | 6.5 | 37 |
| 30 | Identification of CD163 as an antiinflammatory receptor for HMGB1-haptoglobin complexes. <i>JCI Insight</i> , 2016 , 1, | 9.9 | 67 |
| 29 | 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 |
| 28 | 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. <i>Blood</i> , 2016 , 128, 702-702 | 2.2 | |
| 27 | A novel high mobility group box 1 neutralizing chimeric antibody attenuates drug-induced liver injury and postinjury inflammation in mice. <i>Hepatology</i> , 2016 , 64, 1699-1710 | 11.2 | 76 |
| 26 | Blood pressure regulation by CD4 lymphocytes expressing choline acetyltransferase. <i>Nature Biotechnology</i> , 2016 , 34, 1066-1071 | 44.5 | 47 |
| 25 | DAMP signaling is a key pathway inducing immune modulation after brain injury. <i>Journal of Neuroscience</i> , 2015 , 35, 583-98 | 6.6 | 196 |
| 24 | 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 |
| 23 | The HIV Protease Inhibitor Saquinavir Inhibits HMGB1-Driven Inflammation by Targeting the Interaction of Cathepsin V with TLR4/MyD88. <i>Molecular Medicine</i> , 2015 , 21, 749-757 | 6.2 | 13 |
| 22 | 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 |
| 21 | MD-2 is required for disulfide HMGB1-dependent TLR4 signaling. <i>Journal of Experimental Medicine</i> , 2015 , 212, 5-14 | 16.6 | 214 |
| 20 | Receptor for advanced glycation end products and its ligand high-mobility group box-1 mediate allergic airway sensitization and airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 440-50 | 11.5 | 109 |
| 19 | HMGB1 enhances immune suppression by facilitating the differentiation and suppressive activity of myeloid-derived suppressor cells. <i>Cancer Research</i> , 2014 , 74, 5723-33 | 10.1 | 151 |
| 18 | Inhibition of extracellular HMGB1 attenuates hyperoxia-induced inflammatory acute lung injury. <i>Redox Biology</i> , 2014 , 2, 314-22 | 11.3 | 80 |

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| 17 | The α 7 nicotinic acetylcholine receptor agonist GTS-21 improves bacterial clearance in mice by restoring hyperoxia-compromised macrophage function. <i>Molecular Medicine</i> , 2014 , 20, 238-47 | 6.2 | 34 |
| 16 | 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 |
| 15 | Sequestering HMGB1 via DNA-conjugated beads ameliorates murine colitis. <i>PLoS ONE</i> , 2014 , 9, e103992 | 3.7 | 13 |
| 14 | 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 |
| 13 | The many faces of HMGB1: molecular structure-functional activity in inflammation, apoptosis, and chemotaxis. <i>Journal of Leukocyte Biology</i> , 2013 , 93, 865-73 | 6.5 | 359 |
| 12 | The pro-inflammatory effect of HMGB1, a mediator of inflammation in arthritis, is dependent on the redox status of the protein. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A81.2-A82 | 2.4 | 1 |
| 11 | Redox modification of cysteine residues regulates the cytokine activity of high mobility group box-1 (HMGB1). <i>Molecular Medicine</i> , 2012 , 18, 250-9 | 6.2 | 337 |
| 10 | HMGB1 mediates muscle fatigue via TLR4 - a possible mechanism for muscle fatigue in patients with inflammatory myopathies. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A42.2-A43 | 2.4 | |
| 9 | Successful therapy with anti-HMGB1 monoclonal antibodies in two separate experimental arthritis models. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, A77-A78 | 2.4 | |
| 8 | 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 |
| 7 | Targeting HMGB1 in inflammation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010 , 1799, 149-56 | 6 | 259 |
| 6 | The HMGB1 receptor RAGE mediates ischemic brain damage. <i>Journal of Neuroscience</i> , 2008 , 28, 12023-12031 | 10.3 | 312 |
| 5 | Role of HMGB1 in apoptosis-mediated sepsis lethality. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1637-1646 | 11.6 | 312 |
| 4 | 23 VAGUS NERVE ACTIVITY AND CYTOKINE RESPONSIVENESS IN PATIENTS WITH RHEUMATOID ARTHRITIS.. <i>Journal of Investigative Medicine</i> , 2006 , 54, S377.1-S377 | 2.9 | |
| 3 | 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 |
| 2 | Recombinant HMGB1 with cytokine-stimulating activity. <i>Journal of Immunological Methods</i> , 2004 , 289, 211-23 | 2.5 | 118 |
| 1 | HMG-1 as a late mediator of endotoxin lethality in mice. <i>Science</i> , 1999 , 285, 248-51 | 33.3 | 3435 |