# Xian-Hui He

List of Publications by Year
in descending order



| 76 | 7,101 | 186265 28 | 69250 77 |
| --- | --- | --- | --- |
| papers | citations | h-index | g-index |

| 82 | 82 | 82 | 16341 |
| --- | --- | --- | --- |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Gout-associated monosodium urate crystal-induced necrosis is independent of NLRP3 activity but can be suppressed by combined inhibitors for multiple signaling pathways. Acta Pharmacologica Sinica, 2022, 43, 1324-1336. | 6.1 | 28 |
| 2 | Taraxasterol mitigates Con A-induced hepatitis in mice by suppressing interleukin-2 expression and its signaling in T lymphocytes. International Immunopharmacology, 2022, 102, 108380. | 3.8 | 6 |
| 3 | Induction of multiple subroutines of regulated necrosis in murine macrophages by natural BH3-mimetic gossypol. Acta Biochimica Et Biophysica Sinica, 2022, 54, 64-76. | 2.0 | 7 |
| 4 | Dimethyl fumarate ameliorates autoimmune hepatitis in mice by blocking NLRP3 inflammasome activation. International Immunopharmacology, 2022, 108, 108867. | 3.8 | 17 |
| 5 | Baicalin inhibits necroptosis by decreasing oligomerization of phosphorylated MLKL and mitigates caerulein-induced acute pancreatitis in mice. International Immunopharmacology, 2022, 108, 108885. | 3.8 | 11 |
| 6 | Dextran sodium sulfate potentiates NLRP3 inflammasome activation by modulating the KCa3.1 potassium channel in a mouse model of colitis. , 2022, 19, 925-943. | | 14 |
| 7 | Scutellarin inhibits caspase-11 activation and pyroptosis in macrophages via regulating PKA signaling. Acta Pharmaceutica Sinica B, 2021, 11, 112-126. | 12.0 | 40 |
| 8 | Berberine augments hypertrophy of colonic patches in mice with intraperitoneal bacterial infection. International Immunopharmacology, 2021, 90, 107242. | 3.8 | 4 |
| 9 | Injection of Escherichia coli to Induce Sepsis. Methods in Molecular Biology, 2021, 2321, 43-51. | 0.9 | 3 |
| 10 | Inhibition of NLRP3 Inflammasome Activation and Pyroptosis in Macrophages by Taraxasterol Is Associated With Its Regulation on mTOR Signaling. Frontiers in Immunology, 2021, 12, 632606. | 4.8 | 25 |
| 11 | The Signaling Pathways Regulating NLRP3 Inflammasome Activation. Inflammation, 2021, 44, 1229-1245. | 3.8 | 50 |
| 12 | A mini-review on ion fluxes that regulate NLRP3 inflammasome activation. Acta Biochimica Et Biophysica Sinica, 2020, 53, 131-139. | 2.0 | 32 |
| 13 | Caspaseâ€3â€mediated GSDME activation contributes to cisplatinâ€•and doxorubicinâ€induced secondary necrosis in mouse macrophages. Cell Proliferation, 2019, 52, e12663. | 5.3 | 59 |
| 14 | Chemotherapeutic paclitaxel and cisplatin differentially induce pyroptosis in A549 lung cancer cells via caspase-3/GSDME activation. Apoptosis: an International Journal on Programmed Cell Death, 2019, 24, 312-325. | 4.9 | 261 |
| 15 | ATP induces caspase-3/gasdermin E-mediated pyroptosis in NLRP3 pathway-blocked murine macrophages. Apoptosis: an International Journal on Programmed Cell Death, 2019, 24, 703-717. | 4.9 | 67 |
| 16 | Evodiamine Augments NLRP3 Inflammasome Activation and Anti-bacterial Responses Through Inducing Î±-Tubulin Acetylation. Frontiers in Pharmacology, 2019, 10, 290. | 3.5 | 43 |
| 17 | Paclitaxel Enhances the Innate Immunity by Promoting NLRP3 Inflammasome Activation in Macrophages. Frontiers in Immunology, 2019, 10, 72. | 4.8 | 52 |
| 18 | Baicalin Inhibits NOD-Like Receptor Family, Pyrin Containing Domain 3 Inflammasome Activation in Murine Macrophages by Augmenting Protein Kinase A Signaling. Frontiers in Immunology, 2017, 8, 1409. | 4.8 | 34 |

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|---|---|---|---|
| 19 | Berberine augments ATP-induced inflammasome activation in macrophages by enhancing AMPK signaling. Oncotarget, 2017, 8, 95-109. | 1.8 | 35 |
| 20 | Scutellarin Suppresses NLRP3 Inflammasome Activation in Macrophages and Protects Mice against Bacterial Sepsis. Frontiers in Pharmacology, 2017, 8, 975. | 3.5 | 75 |
| 21 | Prolonged Deleterious Influences of Chemotherapeutic Agent CPT-11 on Resident Peritoneal Macrophages and B1 Cells. Frontiers in Immunology, 2017, 8, 1919. | 4.8 | 4 |
| 22 | ATP-Induced Inflammasome Activation and Pyroptosis Is Regulated by AMP-Activated Protein Kinase in Macrophages. Frontiers in Immunology, 2016, 7, 597. | 4.8 | 79 |
| 23 | Piperine Suppresses Pyroptosis and Interleukin-1Î² Release upon ATP Triggering and Bacterial Infection. Frontiers in Pharmacology, 2016, 7, 390. | 3.5 | 46 |
| 24 | Discovering new mTOR inhibitors for cancer treatment through virtual screening methods and in vitro assays. Scientific Reports, 2016, 6, 18987. | 3.3 | 38 |
| 25 | Gossypol induces pyroptosis in mouse macrophages via a non-canonical inflammasome pathway. Toxicology and Applied Pharmacology, 2016, 292, 56-64. | 2.8 | 25 |
| 26 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 27 | Chemotherapeutic agent CPT-11 eliminates peritoneal resident macrophages by inducing apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 130-142. | 4.9 | 4 |
| 28 | Piperine metabolically regulates peritoneal resident macrophages to potentiate their functions against bacterial infection. Oncotarget, 2015, 6, 32468-32483. | 1.8 | 36 |
| 29 | Chloroquine Differentially Modulates Inflammatory Cytokine Expression in RAW 264.7 Cells in Response to Inactivated Staphylococcus aureus. Inflammation, 2015, 38, 745-755. | 3.8 | 3 |
| 30 | The critical molecular interconnections in regulating apoptosis and autophagy. Annals of Medicine, 2015, 47, 305-315. | 3.8 | 69 |
| 31 | Cucurbitacin E suppresses cytokine expression in human Jurkat T cells through down-regulating the NF-κB signaling. Acta Biochimica Et Biophysica Sinica, 2015, 47, 459-465. | 2.0 | 13 |
| 32 | Piperine Suppresses the Expression of CXCL8 in Lipopolysaccharide-Activated SW480 and HT-29 Cells via Downregulating the Mitogen-Activated Protein Kinase Pathways. Inflammation, 2015, 38, 1093-1102. | 3.8 | 19 |
| 33 | Cucurbitacin E Induces Autophagy via Downregulating mTORC1 Signaling and Upregulating AMPK Activity. PLoS ONE, 2015, 10, e0124355. | 2.5 | 29 |
| 34 | The BH3-mimetic gossypol and noncytotoxic doses of valproic acid induce apoptosis by suppressing cyclin-A2/Akt/FOXO3a signaling. Oncotarget, 2015, 6, 38952-38966. | 1.8 | 21 |
| 35 | Cucurbitacin IIb Exhibits Anti-Inflammatory Activity through Modulating Multiple Cellular Behaviors of Mouse Lymphocytes. PLoS ONE, 2014, 9, e89751. | 2.5 | 28 |
| 36 | VASP Activation via the GÎ±13/RhoA/PKA Pathway Mediates Cucurbitacin-B-Induced Actin Aggregation and Cofilin-Actin Rod Formation. PLoS ONE, 2014, 9, e93547. | 2.5 | 24 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 37 | The Second-Generation mTOR Kinase Inhibitor INK128 Exhibits Anti-inflammatory Activity in Lipopolysaccharide-Activated RAW 264.7 Cells. Inflammation, 2014, 37, 756-765. | 3.8 | 26 |
| 38 | Ginsenoside Rg1 regulates innate immune responses in macrophages through differentially modulating the NF-Î°B and PI3K/Akt/mTOR pathways. International Immunopharmacology, 2014, 23, 77-84. | 3.8 | 67 |
| 39 | Cucurbitacin E exhibits anti-inflammatory effect in RAW 264.7 cells via suppression of NF-Î°B nuclear translocation. Inflammation Research, 2013, 62, 461-469. | 4.0 | 41 |
| 40 | Autophagy is differentially induced in prostate cancer LNCaP, DU145 and PC-3 cells via distinct splicing profiles of ATG5. Autophagy, 2013, 9, 20-32. | 9.1 | 102 |
| 41 | Cucurbitacin IIa induces caspase-3-dependent apoptosis and enhances autophagy in lipopolysaccharide-stimulated RAW 264.7 macrophages. International Immunopharmacology, 2013, 16, 27-34. | 3.8 | 29 |
| 42 | LC3B-II deacetylation by histone deacetylase 6 is involved in serum-starvation-induced autophagic degradation. Biochemical and Biophysical Research Communications, 2013, 441, 970-975. | 2.1 | 44 |
| 43 | Piperine inhibits the proliferation of human prostate cancer cells via induction of cell cycle arrest and autophagy. Food and Chemical Toxicology, 2013, 60, 424-430. | 3.6 | 104 |
| 44 | Formation of cofilin-actin rods following cucurbitacin-B-induced actin aggregation depends on slingshot homolog 1-mediated cofilin hyperactivation. Journal of Cellular Biochemistry, 2013, 114, 2415-2429. | 2.6 | 19 |
| 45 | Human endogenous retroviral syncytin exerts inhibitory effect on invasive phenotype of B16F10 melanoma cells. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2013, 25, 556-64. | 2.2 | 10 |
| 46 | Cucurbitacin B Induces Cell Cycle Arrest, Apoptosis and Autophagy Associated with G Actin Reduction and Persistent Activation of Cofilin in Jurkat Cells. Pharmacology, 2012, 89, 348-356. | 2.2 | 36 |
| 47 | Histone deacetylase inhibitor suberoylanilide hydroxamic acid exhibits anti-inflammatory activities through induction of mitochondrial damage and apoptosis in activated lymphocytes. International Immunopharmacology, 2012, 12, 580-587. | 3.8 | 7 |
| 48 | Anti-proliferative effect of 23,24-dihydrocucurbitacin F on human prostate cancer cells through induction of actin aggregation and cofilin-actin rod formation. Cancer Chemotherapy and Pharmacology, 2012, 70, 415-424. | 2.3 | 39 |
| 49 | Valproic acid synergistically enhances the cytotoxicity of gossypol in DU145 prostate cancer cells: An iTRTAQ-based quantitative proteomic analysis. Journal of Proteomics, 2011, 74, 2180-2193. | 2.4 | 19 |
| 50 | Conversion of trichosanthin-induced CD95 (Fas) type I into type II apoptotic signaling during Herpes simplex virus infection. Molecular Immunology, 2011, 48, 2000-2008. | 2.2 | 8 |
| 51 | Histone deacetylase inhibitor valproic acid sensitizes B16F10 melanoma cells to cucurbitacin B treatment. Acta Biochimica Et Biophysica Sinica, 2011, 43, 487-495. | 2.0 | 28 |
| 52 | Cucurbitacin B induces rapid depletion of the G-actin pool through reactive oxygen species-dependent actin aggregation in melanoma cells. Acta Biochimica Et Biophysica Sinica, 2011, 43, 556-567. | 2.0 | 56 |
| 53 | Valproic acid exhibits biphasic effects on apoptotic cell death of activated lymphocytes through differential modulation of multiple signaling pathways. Journal of Immunotoxicology, 2011, 8, 210-218. | 1.7 | 17 |
| 54 | Differential cell surface expression of rhesus macaque's major histocompatibility complex class I alleles Mamu-B*1703 and Mamu-B*0101. Acta Biochimica Et Biophysica Sinica, 2010, 42, 281-287. | 2.0 | 3 |

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| 55 | Quantitative Proteomics Analysis of Chondrogenic Differentiation of C3H10T1/2 Mesenchymal Stem Cells by iTRAQ Labeling Coupled with On-line Two-dimensional LC/MS/MS. Molecular and Cellular Proteomics, 2010, 9, 550-564. | 3.8 | 61 |
| 56 | Prediction of HLA-A*0201 Restricted Cytotoxic T Lymphocyte Epitopes in Influenza A H1N1 Virus and the Similarity Analysis of These Epitopes with Those Existing in Other Influenza Viruses. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , . | 0.0 | 0 |
| 57 | Endogenous HIV-1 Vpr-mediated apoptosis and proteome alteration of human T-cell leukemia virus-1 transformed C8166 cells. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 1212-1226. | 4.9 | 16 |
| 58 | Membrane Surface Nanostructures and Adhesion Property of T Lymphocytes Exploited by AFM. Nanoscale Research Letters, 2009, 4, 942-7. | 5.7 | 16 |
| 59 | Construction of Soluble Mamu-B*1703, a Class I Major Histocompatibility Complex of Chinese Rhesus Macaques, Monomer and Tetramer Loaded with a Simian Immunodeficiency Virus Peptide. Cellular and Molecular Immunology, 2009, 6, 117-122. | 10.5 | 6 |
| 60 | The immunosuppressive effect of gossypol in mice is mediated by inhibition of lymphocyte proliferation and by induction of cell apoptosis. Acta Pharmacologica Sinica, 2009, 30, 597-604. | 6.1 | 29 |
| 61 | Eight novel MHC class I alleles identified in Chineseâ€origin rhesus macaques. Tissue Antigens, 2009, 73, 285-287. | 1.0 | 5 |
| 62 | Identification of major histocompatibility complex class I alleles in Chinese rhesus macaques. Acta Biochimica Et Biophysica Sinica, 2008, 40, 919-927. | 2.0 | 13 |
| 63 | CD8+ T cells specific for both persistent and non-persistent viruses display distinct differentiation phenotypes but have similar level of PD-1 expression in healthy Chinese individuals. Clinical Immunology, 2008, 126, 222-234. | 3.2 | 7 |
| 64 | Preparation of H-2Db Tetramer and Its Application in Enumerating the CD8+ T Cells Specific for Lymphocytic Choriomeningitis Virus. Shengwu Gongcheng Xuebao/Chinese Journal of Biotechnology, 2008, 24, 278-284. | 0.2 | 1 |
| 65 | Enhancement of binding activity of soluble human CD40 to CD40 ligand through incorporation of an isoleucine zipper motif1. Acta Pharmacologica Sinica, 2006, 27, 333-338. | 6.1 | 6 |
| 66 | High Frequencies Cytomegalovirus pp65495â€"503-Specific CD8+ T Cells in Healthy Young and Elderly Chinese Donors: Characterization of Their Phenotypes and TCR VÎ² Usage. Journal of Clinical Immunology, 2006, 26, 417-429. | 3.8 | 7 |
| 67 | Identification of a novel splice variant of human PD-L1 mRNA encoding an isoform-lacking Igv-like domain1. Acta Pharmacologica Sinica, 2005, 26, 462-468. | 6.1 | 59 |
| 68 | One in vitro model for visceral adipose-derived fibroblasts in chronic inflammation. Biochemical and Biophysical Research Communications, 2005, 333, 850-857. | 2.1 | 1 |
| 69 | Procedure for preparing peptide-major histocompatibility complex tetramers for direct quantification of antigen-specific cytotoxic T lymphocytes. World Journal of Gastroenterology, 2005, 11, 4180. | 3.3 | 12 |
| 70 | Cloning and Identification of Two Novel Splice Variants of Human PD-L2. Acta Biochimica Et Biophysica Sinica, 2004, 36, 284-289. | 2.0 | 31 |
| 71 | Identification of a novel HLA-F allele - HLA-F*010102. Tissue Antigens, 2004, 63, 181-183. | 1.0 | 12 |
| 72 | Lowering of trichosanthin immunogenicity by site-specific coupling to dextran. Biochemical Pharmacology, 1999, 57, 927-934. | 4.4 | 24 |

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|---|---|---|---|
| 73 | Site-directed polyethylene glycol modification of trichosanthin: Effects on its biological activites, pharmacokinetics, and antigenicity. Life Sciences, 1999, 64, 1163-1175. | 4.3 | 26 |
| 74 | Reducing the immunogenicity and improving the in vivo activity of trichosanthin by site-directed pegylation. Life Sciences, 1999, 65, 355-368. | 4.3 | 84 |
| 75 | Position 120â€“123, a potential active site of trichosanthin. Life Sciences, 1998, 62, 491-500. | 4.3 | 13 |
| 76 | Structure-function relationship of trichosanthin. Life Sciences, 1997, 60, 465-472. | 4.3 | 10 |