

Xian-Hui He

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

7,101
citations

186265

28
h-index

69250

77
g-index

82
all docs

82
docs citations

82
times ranked

16341
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Chemotherapeutic paclitaxel and cisplatin differentially induce pyroptosis in A549 lung cancer cells via caspase-3/GSDME activation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 312-325.	4.9	261
3	Piperine inhibits the proliferation of human prostate cancer cells via induction of cell cycle arrest and autophagy. <i>Food and Chemical Toxicology</i> , 2013, 60, 424-430.	3.6	104
4	Autophagy is differentially induced in prostate cancer LNCaP, DU145 and PC-3 cells via distinct splicing profiles of ATG5. <i>Autophagy</i> , 2013, 9, 20-32.	9.1	102
5	Reducing the immunogenicity and improving the in vivo activity of trichosanthin by site-directed pegylation. <i>Life Sciences</i> , 1999, 65, 355-368.	4.3	84
6	ATP-Induced Inflammasome Activation and Pyroptosis Is Regulated by AMP-Activated Protein Kinase in Macrophages. <i>Frontiers in Immunology</i> , 2016, 7, 597.	4.8	79
7	Scutellarin Suppresses NLRP3 Inflammasome Activation in Macrophages and Protects Mice against Bacterial Sepsis. <i>Frontiers in Pharmacology</i> , 2017, 8, 975.	3.5	75
8	The critical molecular interconnections in regulating apoptosis and autophagy. <i>Annals of Medicine</i> , 2015, 47, 305-315.	3.8	69
9	Ginsenoside Rg1 regulates innate immune responses in macrophages through differentially modulating the NF- κ B and PI3K/Akt/mTOR pathways. <i>International Immunopharmacology</i> , 2014, 23, 77-84.	3.8	67
10	ATP induces caspase-3/gasdermin E-mediated pyroptosis in NLRP3 pathway-blocked murine macrophages. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 703-717.	4.9	67
11	Quantitative Proteomics Analysis of Chondrogenic Differentiation of C3H10T1/2 Mesenchymal Stem Cells by iTRAQ Labeling Coupled with On-line Two-dimensional LC/MS/MS. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 550-564.	3.8	61
12	Identification of a novel splice variant of human PD-L1 mRNA encoding an isoform-lacking IgV-like domain1. <i>Acta Pharmacologica Sinica</i> , 2005, 26, 462-468.	6.1	59
13	Caspase-3-mediated GSDME activation contributes to cisplatin- and doxorubicin-induced secondary necrosis in mouse macrophages. <i>Cell Proliferation</i> , 2019, 52, e12663.	5.3	59
14	Cucurbitacin B induces rapid depletion of the G-actin pool through reactive oxygen species-dependent actin aggregation in melanoma cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 556-567.	2.0	56
15	Paclitaxel Enhances the Innate Immunity by Promoting NLRP3 Inflammasome Activation in Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 72.	4.8	52
16	The Signaling Pathways Regulating NLRP3 Inflammasome Activation. <i>Inflammation</i> , 2021, 44, 1229-1245.	3.8	50
17	Piperine Suppresses Pyroptosis and Interleukin-1 β Release upon ATP Triggering and Bacterial Infection. <i>Frontiers in Pharmacology</i> , 2016, 7, 390.	3.5	46
18	LC3B-II deacetylation by histone deacetylase 6 is involved in serum-starvation-induced autophagic degradation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 970-975.	2.1	44

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19	Evodiamine Augments NLRP3 Inflammasome Activation and Anti-bacterial Responses Through Inducing β -Tubulin Acetylation. <i>Frontiers in Pharmacology</i> , 2019, 10, 290.	3.5	43
20	Cucurbitacin E exhibits anti-inflammatory effect in RAW 264.7 cells via suppression of NF- κ B nuclear translocation. <i>Inflammation Research</i> , 2013, 62, 461-469.	4.0	41
21	Scutellarin inhibits caspase-11 activation and pyroptosis in macrophages via regulating PKA signaling. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 112-126.	12.0	40
22	Anti-proliferative effect of 23,24-dihydrocucurbitacin F on human prostate cancer cells through induction of actin aggregation and cofilin-actin rod formation. <i>Cancer Chemotherapy and Pharmacology</i> , 2012, 70, 415-424.	2.3	39
23	Discovering new mTOR inhibitors for cancer treatment through virtual screening methods and in vitro assays. <i>Scientific Reports</i> , 2016, 6, 18987.	3.3	38
24	Cucurbitacin B Induces Cell Cycle Arrest, Apoptosis and Autophagy Associated with G Actin Reduction and Persistent Activation of Cofilin in Jurkat Cells. <i>Pharmacology</i> , 2012, 89, 348-356.	2.2	36
25	Piperine metabolically regulates peritoneal resident macrophages to potentiate their functions against bacterial infection. <i>Oncotarget</i> , 2015, 6, 32468-32483.	1.8	36
26	Berberine augments ATP-induced inflammasome activation in macrophages by enhancing AMPK signaling. <i>Oncotarget</i> , 2017, 8, 95-109.	1.8	35
27	Baicalin Inhibits NOD-Like Receptor Family, Pyrin Containing Domain 3 Inflammasome Activation in Murine Macrophages by Augmenting Protein Kinase A Signaling. <i>Frontiers in Immunology</i> , 2017, 8, 1409.	4.8	34
28	A mini-review on ion fluxes that regulate NLRP3 inflammasome activation. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 53, 131-139.	2.0	32
29	Cloning and Identification of Two Novel Splice Variants of Human PD-L2. <i>Acta Biochimica Et Biophysica Sinica</i> , 2004, 36, 284-289.	2.0	31
30	The immunosuppressive effect of gossypol in mice is mediated by inhibition of lymphocyte proliferation and by induction of cell apoptosis. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 597-604.	6.1	29
31	Cucurbitacin IIa induces caspase-3-dependent apoptosis and enhances autophagy in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>International Immunopharmacology</i> , 2013, 16, 27-34.	3.8	29
32	Cucurbitacin E Induces Autophagy via Downregulating mTORC1 Signaling and Upregulating AMPK Activity. <i>PLoS ONE</i> , 2015, 10, e0124355.	2.5	29
33	Histone deacetylase inhibitor valproic acid sensitizes B16F10 melanoma cells to cucurbitacin B treatment. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 487-495.	2.0	28
34	Cucurbitacin IIb Exhibits Anti-Inflammatory Activity through Modulating Multiple Cellular Behaviors of Mouse Lymphocytes. <i>PLoS ONE</i> , 2014, 9, e89751.	2.5	28
35	Gout-associated monosodium urate crystal-induced necrosis is independent of NLRP3 activity but can be suppressed by combined inhibitors for multiple signaling pathways. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1324-1336.	6.1	28
36	Site-directed polyethylene glycol modification of trichosanthin: Effects on its biological activities, pharmacokinetics, and antigenicity. <i>Life Sciences</i> , 1999, 64, 1163-1175.	4.3	26

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37	The Second-Generation mTOR Kinase Inhibitor INK128 Exhibits Anti-inflammatory Activity in Lipopolysaccharide-Activated RAW 264.7 Cells. <i>Inflammation</i> , 2014, 37, 756-765.	3.8	26
38	Gossypol induces pyroptosis in mouse macrophages via a non-canonical inflammasome pathway. <i>Toxicology and Applied Pharmacology</i> , 2016, 292, 56-64.	2.8	25
39	Inhibition of NLRP3 Inflammasome Activation and Pyroptosis in Macrophages by Taraxasterol Is Associated With Its Regulation on mTOR Signaling. <i>Frontiers in Immunology</i> , 2021, 12, 632606.	4.8	25
40	Lowering of trichosanthin immunogenicity by site-specific coupling to dextran. <i>Biochemical Pharmacology</i> , 1999, 57, 927-934.	4.4	24
41	VASP Activation via the G13/RhoA/PKA Pathway Mediates Cucurbitacin-B-Induced Actin Aggregation and Cofilin-Actin Rod Formation. <i>PLoS ONE</i> , 2014, 9, e93547.	2.5	24
42	The BH3-mimetic gossypol and noncytotoxic doses of valproic acid induce apoptosis by suppressing cyclin-A2/Akt/FOXO3a signaling. <i>Oncotarget</i> , 2015, 6, 38952-38966.	1.8	21
43	Valproic acid synergistically enhances the cytotoxicity of gossypol in DU145 prostate cancer cells: An iTRAQ-based quantitative proteomic analysis. <i>Journal of Proteomics</i> , 2011, 74, 2180-2193.	2.4	19
44	Formation of cofilin-actin rods following cucurbitacin-B-induced actin aggregation depends on slingshot homolog 1-mediated cofilin hyperactivation. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2415-2429.	2.6	19
45	Piperine Suppresses the Expression of CXCL8 in Lipopolysaccharide-Activated SW480 and HT-29 Cells via Downregulating the Mitogen-Activated Protein Kinase Pathways. <i>Inflammation</i> , 2015, 38, 1093-1102.	3.8	19
46	Valproic acid exhibits biphasic effects on apoptotic cell death of activated lymphocytes through differential modulation of multiple signaling pathways. <i>Journal of Immunotoxicology</i> , 2011, 8, 210-218.	1.7	17
47	Dimethyl fumarate ameliorates autoimmune hepatitis in mice by blocking NLRP3 inflammasome activation. <i>International Immunopharmacology</i> , 2022, 108, 108867.	3.8	17
48	Endogenous HIV-1 Vpr-mediated apoptosis and proteome alteration of human T-cell leukemia virus-1 transformed C8166 cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 1212-1226.	4.9	16
49	Membrane Surface Nanostructures and Adhesion Property of T Lymphocytes Exploited by AFM. <i>Nanoscale Research Letters</i> , 2009, 4, 942-7.	5.7	16
50	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
51	Position 120-123, a potential active site of trichosanthin. <i>Life Sciences</i> , 1998, 62, 491-500.	4.3	13
52	Identification of major histocompatibility complex class I alleles in Chinese rhesus macaques. <i>Acta Biochimica Et Biophysica Sinica</i> , 2008, 40, 919-927.	2.0	13
53	Cucurbitacin E suppresses cytokine expression in human Jurkat T cells through down-regulating the NF- κ B signaling. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 459-465.	2.0	13
54	Identification of a novel HLA-F allele - HLA-F*010102. <i>Tissue Antigens</i> , 2004, 63, 181-183.	1.0	12

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55	Procedure for preparing peptide-major histocompatibility complex tetramers for direct quantification of antigen-specific cytotoxic T lymphocytes. <i>World Journal of Gastroenterology</i> , 2005, 11, 4180.	3.3	12
56	Baicalin inhibits necroptosis by decreasing oligomerization of phosphorylated MLKL and mitigates caerulein-induced acute pancreatitis in mice. <i>International Immunopharmacology</i> , 2022, 108, 108885.	3.8	11
57	Structure-function relationship of trichosanthin. <i>Life Sciences</i> , 1997, 60, 465-472.	4.3	10
58	Human endogenous retroviral syncytin exerts inhibitory effect on invasive phenotype of B16F10 melanoma cells. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2013, 25, 556-64.	2.2	10
59	Conversion of trichosanthin-induced CD95 (Fas) type I into type II apoptotic signaling during Herpes simplex virus infection. <i>Molecular Immunology</i> , 2011, 48, 2000-2008.	2.2	8
60	High Frequencies Cytomegalovirus pp65/495/503-Specific CD8+ T Cells in Healthy Young and Elderly Chinese Donors: Characterization of Their Phenotypes and TCR V β Usage. <i>Journal of Clinical Immunology</i> , 2006, 26, 417-429.	3.8	7
61	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. <i>Clinical Immunology</i> , 2008, 126, 222-234.	3.2	7
62	Histone deacetylase inhibitor suberoylanilide hydroxamic acid exhibits anti-inflammatory activities through induction of mitochondrial damage and apoptosis in activated lymphocytes. <i>International Immunopharmacology</i> , 2012, 12, 580-587.	3.8	7
63	Induction of multiple subroutines of regulated necrosis in murine macrophages by natural BH3-mimetic gossypol. <i>Acta Biochimica Et Biophysica Sinica</i> , 2022, 54, 64-76.	2.0	7
64	Enhancement of binding activity of soluble human CD40 to CD40 ligand through incorporation of an isoleucine zipper motif1. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 333-338.	6.1	6
65	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. <i>Cellular and Molecular Immunology</i> , 2009, 6, 117-122.	10.5	6
66	Taraxasterol mitigates Con A-induced hepatitis in mice by suppressing interleukin-2 expression and its signaling in T lymphocytes. <i>International Immunopharmacology</i> , 2022, 102, 108380.	3.8	6
67	Eight novel MHC class I alleles identified in Chinese origin rhesus macaques. <i>Tissue Antigens</i> , 2009, 73, 285-287.	1.0	5
68	Chemotherapeutic agent CPT-11 eliminates peritoneal resident macrophages by inducing apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 130-142.	4.9	4
69	Prolonged Deleterious Influences of Chemotherapeutic Agent CPT-11 on Resident Peritoneal Macrophages and B1 Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1919.	4.8	4
70	Berberine augments hypertrophy of colonic patches in mice with intraperitoneal bacterial infection. <i>International Immunopharmacology</i> , 2021, 90, 107242.	3.8	4
71	Differential cell surface expression of rhesus macaque's major histocompatibility complex class I alleles Mamu-B*1703 and Mamu-B*0101. <i>Acta Biochimica Et Biophysica Sinica</i> , 2010, 42, 281-287.	2.0	3
72	Chloroquine Differentially Modulates Inflammatory Cytokine Expression in RAW 264.7 Cells in Response to Inactivated <i>Staphylococcus aureus</i> . <i>Inflammation</i> , 2015, 38, 745-755.	3.8	3

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73	Injection of Escherichia coli to Induce Sepsis. <i>Methods in Molecular Biology</i> , 2021, 2321, 43-51.	0.9	3
74	One in vitro model for visceral adipose-derived fibroblasts in chronic inflammation. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 850-857.	2.1	1
75	Preparation of H-2Db Tetramer and Its Application in Enumerating the CD8+ T Cells Specific for Lymphocytic Choriomeningitis Virus. <i>Shengwu Gongcheng Xuebao/Chinese Journal of Biotechnology</i> , 2008, 24, 278-284.	0.2	1
76	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. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	0