

Dong-Yun Ouyang

List of Publications by Year in descending order

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52
papers

1,935
citations

201674

27
h-index

265206

42
g-index

52
all docs

52
docs citations

52
times ranked

2668
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Site-directed PEGylation of trichosanthin retained its anti-HIV activity with reduced potency in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 965-971.	2.1	99
5	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
6	Scutellarin Suppresses NLRP3 Inflammasome Activation in Macrophages and Protects Mice against Bacterial Sepsis. <i>Frontiers in Pharmacology</i> , 2017, 8, 975.	3.5	75
7	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
8	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
9	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
10	Paclitaxel Enhances the Innate Immunity by Promoting NLRP3 Inflammasome Activation in Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 72.	4.8	52
11	The Signaling Pathways Regulating NLRP3 Inflammasome Activation. <i>Inflammation</i> , 2021, 44, 1229-1245.	3.8	50
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	Piperine metabolically regulates peritoneal resident macrophages to potentiate their functions against bacterial infection. <i>Oncotarget</i> , 2015, 6, 32468-32483.	1.8	36
20	Berberine augments ATP-induced inflammasome activation in macrophages by enhancing AMPK signaling. <i>Oncotarget</i> , 2017, 8, 95-109.	1.8	35
21	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
22	Trichosanthin suppresses the elevation of p38 β MAPK, and Bcl-2 induced by HSV-1 infection in Vero cells. <i>Life Sciences</i> , 2006, 79, 1287-1292.	4.3	32
23	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
24	Enhanced apoptotic action of trichosanthin in HIV-1 infected cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 1075-1080.	2.1	30
25	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
26	Cucurbitacin E Induces Autophagy via Downregulating mTORC1 Signaling and Upregulating AMPK Activity. <i>PLoS ONE</i> , 2015, 10, e0124355.	2.5	29
27	Expression of syncytin in leukemia and lymphoma cells. <i>Leukemia Research</i> , 2010, 34, 1195-1202.	0.8	28
28	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
29	Cucurbitacin IIb Exhibits Anti-Inflammatory Activity through Modulating Multiple Cellular Behaviors of Mouse Lymphocytes. <i>PLoS ONE</i> , 2014, 9, e89751.	2.5	28
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	Dimethyl fumarate ameliorates autoimmune hepatitis in mice by blocking NLRP3 inflammasome activation. <i>International Immunopharmacology</i> , 2022, 108, 108867.	3.8	17
40	An inhibitor of c-Jun N-terminal kinases (CEP-11004) counteracts the anti-HIV-1 action of trichosanthin. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 25-29.	2.1	15
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	Injection of <i>Escherichia coli</i> to Induce Sepsis. <i>Methods in Molecular Biology</i> , 2021, 2321, 43-51.	0.9	3
52	Cell-modified plasmonic interface for the signal-amplified detection of Cucurbitacin E. <i>Biomedical Optics Express</i> , 2022, 13, 274.	2.9	2