

Wenjie Guo

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

7,221
citations

201674

27
h-index

82547

72
g-index

76
all docs

76
docs citations

76
times ranked

16501
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	Small molecule-driven mitophagy-mediated NLRP3 inflammasome inhibition is responsible for the prevention of colitis-associated cancer. <i>Autophagy</i> , 2014, 10, 972-985.	9.1	216
3	SHP2 inhibition triggers anti-tumor immunity and synergizes with PD-1 blockade. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 304-315.	12.0	129
4	A novel benzo[d]imidazole derivate prevents the development of dextran sulfate sodium-induced murine experimental colitis via inhibition of NLRP3 inflammasome. <i>Biochemical Pharmacology</i> , 2013, 85, 1504-1512.	4.4	111
5	Inhibition of AIM2 inflammasome-mediated pyroptosis by Andrographolide contributes to amelioration of radiation-induced lung inflammation and fibrosis. <i>Cell Death and Disease</i> , 2019, 10, 957.	6.3	110
6	Tyrosine phosphatase SHP2 negatively regulates NLRP3 inflammasome activation via ANT1-dependent mitochondrial homeostasis. <i>Nature Communications</i> , 2017, 8, 2168.	12.8	101
7	Andrographolide sulfonate ameliorates lipopolysaccharide-induced acute lung injury in mice by down-regulating MAPK and NF- κ B pathways. <i>Acta Pharmaceutica Sinica B</i> , 2016, 6, 205-211.	12.0	77
8	Andrographolide ameliorates OVA-induced lung injury in mice by suppressing ROS-mediated NF- κ B signaling and NLRP3 inflammasome activation. <i>Oncotarget</i> , 2016, 7, 80262-80274.	1.8	72
9	Andrographolide alleviates Parkinsonism in MPTP α PD mice via targeting mitochondrial fission mediated by dynamin-related protein 1. <i>British Journal of Pharmacology</i> , 2019, 176, 4574-4591.	5.4	71
10	Andrographolide sulfonate ameliorates experimental colitis in mice by inhibiting Th1/Th17 response. <i>International Immunopharmacology</i> , 2014, 20, 337-345.	3.8	70
11	Asiatic acid inhibits lung cancer cell growth in vitro and in vivo by destroying mitochondria. <i>Acta Pharmaceutica Sinica B</i> , 2017, 7, 65-72.	12.0	68
12	Andrographolide reversed 5-FU resistance in human colorectal cancer by elevating BAX expression. <i>Biochemical Pharmacology</i> , 2016, 121, 8-17.	4.4	66
13	Andrographolide triggers autophagy-mediated inflammation inhibition and attenuates chronic unpredictable mild stress (CUMS)-induced depressive-like behavior in mice. <i>Toxicology and Applied Pharmacology</i> , 2019, 379, 114688.	2.8	65
14	Water-soluble andrographolide sulfonate exerts anti-sepsis action in mice through down-regulating p38 MAPK, STAT3 and NF- κ B pathways. <i>International Immunopharmacology</i> , 2012, 14, 613-619.	3.8	61
15	Asiatic acid ameliorates dextran sulfate sodium-induced murine experimental colitis via suppressing mitochondria-mediated NLRP3 inflammasome activation. <i>International Immunopharmacology</i> , 2015, 24, 232-238.	3.8	55
16	Tumor-targeting novel manganese complex induces ROS-mediated apoptotic and autophagic cancer cell death. <i>International Journal of Molecular Medicine</i> , 2015, 35, 607-616.	4.0	53
17	MALT1 inhibitors prevent the development of DSS-induced experimental colitis in mice via inhibiting NF- κ B and NLRP3 inflammasome activation. <i>Oncotarget</i> , 2016, 7, 30536-30549.	1.8	52
18	Selective Sequestration of STAT1 in the Cytoplasm via Phosphorylated SHP-2 Ameliorates Murine Experimental Colitis. <i>Journal of Immunology</i> , 2012, 189, 3497-3507.	0.8	48

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19	Inhibition of autophagy by andrographolide resensitizes cisplatin-resistant non-small cell lung carcinoma cells via activation of the Akt/mTOR pathway. <i>Toxicology and Applied Pharmacology</i> , 2016, 310, 78-86.	2.8	42
20	Targeting Peroxiredoxin 1 by a Curcumin Analogue, AI-44, Inhibits NLRP3 Inflammasome Activation and Attenuates Lipopolysaccharide-Induced Sepsis in Mice. <i>Journal of Immunology</i> , 2018, 201, 2403-2413.	0.8	42
21	<i>Clinacanthus nutans</i> (Burm. f.) Lindau Ethanol Extract Inhibits Hepatoma in Mice through Upregulation of the Immune Response. <i>Molecules</i> , 2015, 20, 17405-17428.	3.8	41
22	Andrographolide sulfonate improves Alzheimer-associated phenotypes and mitochondrial dysfunction in APP/PS1 transgenic mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1032-1039.	5.6	38
23	Combination of Fruquintinib and Anti-PD-1 for the Treatment of Colorectal Cancer. <i>Journal of Immunology</i> , 2020, 205, 2905-2915.	0.8	35
24	SHP2-Mediated Inhibition of DNA Repair Contributes to cGAS-STING Activation and Chemotherapeutic Sensitivity in Colon Cancer. <i>Cancer Research</i> , 2021, 81, 3215-3228.	0.9	35
25	Apatinib enhanced anti-PD-1 therapy for colon cancer in mice via promoting PD-L1 expression. <i>International Immunopharmacology</i> , 2020, 88, 106858.	3.8	33
26	TIGAR regulates mitochondrial functions through SIRT1-PP2C pathway and translocation of TIGAR into mitochondria in skeletal muscle. <i>FASEB Journal</i> , 2019, 33, 6082-6098.	0.5	32
27	Expression and clinical significance of tyrosine phosphatase SHP-2 in colon cancer. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 285-290.	5.6	29
28	Decrease of Functional Activated T and B Cells and Treatment of Glomerulonephritis in Lupus-Prone Mice Using a Natural Flavonoid Astilbin. <i>PLoS ONE</i> , 2015, 10, e0124002.	2.5	29
29	Design, Synthesis, and Evaluation of (Biphenyl-3-ylmethoxy)nitrophenyl Derivatives as PD-1/PD-L1 Inhibitors with Potent Anticancer Efficacy <i>In Vivo</i> . <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7646-7666.	6.4	29
30	Allosteric inhibition of SHP2 uncovers aberrant TLR7 trafficking in aggravating psoriasis. <i>EMBO Molecular Medicine</i> , 2022, 14, e14455.	6.9	29
31	Silymarin suppressed lung cancer growth in mice via inhibiting myeloid-derived suppressor cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 81, 460-467.	5.6	28
32	Loss of SHP-2 activity in CD4+ T cells promotes melanoma progression and metastasis. <i>Scientific Reports</i> , 2013, 3, 2845.	3.3	27
33	Transmembrane-Bound IL-15 Promoted Epithelial-Mesenchymal Transition in Renal Cancer Cells Requires the Src-Dependent Akt/GSK-3 β -Catenin Pathway. <i>Neoplasia</i> , 2015, 17, 410-420.	5.3	27
34	Fumigaclavine C ameliorates dextran sulfate sodium-induced murine experimental colitis via NLRP3 inflammasome inhibition. <i>Journal of Pharmacological Sciences</i> , 2015, 129, 101-106.	2.5	26
35	Andrographolide potentiates PD-1 blockade immunotherapy by inhibiting COX2-mediated PGE2 release. <i>International Immunopharmacology</i> , 2020, 81, 106206.	3.8	26
36	Diptoindonesin G promotes ERK-mediated nuclear translocation of p-STAT1 (Ser727) and cell differentiation in AML cells. <i>Cell Death and Disease</i> , 2017, 8, e2765-e2765.	6.3	25

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37	Small-molecule RL71-triggered excessive autophagic cell death as a potential therapeutic strategy in triple-negative breast cancer. <i>Cell Death and Disease</i> , 2017, 8, e3049-e3049.	6.3	25
38	Mitochondria-Dependent Apoptosis of Con A-Activated T Lymphocytes Induced by Asiatic Acid for Preventing Murine Fulminant Hepatitis. <i>PLoS ONE</i> , 2012, 7, e46018.	2.5	24
39	5-Androstenediol prevents radiation injury in mice by promoting NF- κ B signaling and inhibiting AIM2 inflammasome activation. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109597.	5.6	23
40	Phosphatase-independent functions of SHP2 and its regulation by small molecule compounds. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 139-146.	2.5	23
41	SHP2-mediated mitophagy boosted by lovastatin in neuronal cells alleviates parkinsonism in mice. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 34.	17.1	23
42	T lymphocyte SHP2-deficiency triggers anti-tumor immunity to inhibit colitis-associated cancer in mice. <i>Oncotarget</i> , 2017, 8, 7586-7597.	1.8	23
43	Autophagy contributes to ING4-induced glioma cell death. <i>Experimental Cell Research</i> , 2013, 319, 1714-1723.	2.6	22
44	Targeting chondrocytes for arresting bony fusion in ankylosing spondylitis. <i>Nature Communications</i> , 2021, 12, 6540.	12.8	20
45	Blockade of the interaction between Bcr-Abl and PTB1B by small molecule SBF-1 to overcome imatinib-resistance of chronic myeloid leukemia cells. <i>Cancer Letters</i> , 2016, 372, 82-88.	7.2	18
46	Andrographolide sulfate inhibited NF- κ B activation and alleviated pneumonia induced by poly I:C in mice. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 189-196.	2.5	18
47	Disrupting phosphatase SHP2 in macrophages protects mice from high-fat diet-induced hepatic steatosis and insulin resistance by elevating IL-18 levels. <i>Journal of Biological Chemistry</i> , 2020, 295, 10842-10856.	3.4	18
48	Andrographolide sulfonate ameliorates chronic colitis induced by TNBS in mice via decreasing inflammation and fibrosis. <i>International Immunopharmacology</i> , 2020, 83, 106426.	3.8	18
49	DNA damage repair promotion in colonic epithelial cells by andrographolide downregulated cGAS-STING pathway activation and contributed to the relief of CPT-11-induced intestinal mucositis. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 262-273.	12.0	18
50	EGFR inhibitor-driven endoplasmic reticulum stress-mediated injury on intestinal epithelial cells. <i>Life Sciences</i> , 2014, 119, 28-33.	4.3	17
51	DRAM1 plays a tumor suppressor role in NSCLC cells by promoting lysosomal degradation of EGFR. <i>Cell Death and Disease</i> , 2020, 11, 768.	6.3	17
52	Loss of periplakin expression is associated with the tumorigenesis of colorectal carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 366-374.	5.6	16
53	Apatinib suppresses tumor progression and enhances cisplatin sensitivity in esophageal cancer via the Akt/ β -catenin pathway. <i>Cancer Cell International</i> , 2020, 20, 198.	4.1	16
54	Effective Virtual Screening Strategy toward heme-containing proteins: Identification of novel IDO1 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 184, 111750.	5.5	15

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55	Discovery of imidazoleisoindole derivatives as potent IDO1 inhibitors: Design, synthesis, biological evaluation and computational studies. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 293-304.	5.5	14
56	Discovery of potent IDO1 inhibitors derived from tryptophan using scaffold-hopping and structure-based design approaches. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 199-211.	5.5	14
57	Systematic study of imidazoles inhibiting IDO1 via the integration of molecular mechanics and quantum mechanics calculations. <i>European Journal of Medicinal Chemistry</i> , 2017, 131, 152-170.	5.5	13
58	Andrographolide attenuates synovial inflammation of osteoarthritis by interacting with tumor necrosis factor receptor 2 trafficking in a rat model. <i>Journal of Orthopaedic Translation</i> , 2021, 29, 89-99.	3.9	13
59	Improvement of magnesium isoglycyrrhizinate on DSS-induced acute and chronic colitis. <i>International Immunopharmacology</i> , 2021, 90, 107194.	3.8	12
60	Advances in ameliorating inflammatory diseases and cancers by andrographolide: Pharmacokinetics, pharmacodynamics, and perspective. <i>Medicinal Research Reviews</i> , 2022, 42, 1147-1178.	10.5	12
61	Discovery of secondary sulphonamides as IDO1 inhibitors with potent antitumour effects <i>in vivo</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1240-1257.	5.2	11
62	NLRP3 protects mice from radiation-induced colon and skin damage via attenuating cGAS-STING signaling. <i>Toxicology and Applied Pharmacology</i> , 2021, 418, 115495.	2.8	10
63	Loss of hnRNP A1 in murine skeletal muscle exacerbates high-fat diet-induced onset of insulin resistance and hepatic steatosis. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 277-290.	3.3	9
64	Therapeutic Potential of Apatinib Against Colorectal Cancer by Inhibiting VEGFR2-Mediated Angiogenesis and β -Catenin Signaling. <i>Oncotargets and Therapy</i> , 2020, Volume 13, 11031-11044.	2.0	9
65	A novel manganese complex selectively induces malignant glioma cell death by targeting mitochondria. <i>Molecular Medicine Reports</i> , 2016, 14, 1970-1978.	2.4	7
66	Inhibition of NLRP3 inflammasome activation in myeloid-derived suppressor cells by andrographolide sulfonate contributes to 5-FU sensitization in mice. <i>Toxicology and Applied Pharmacology</i> , 2021, 428, 115672.	2.8	7
67	A fumigaclavine C isostere alleviates Th1-mediated experimental colitis via competing with IFN- γ for binding to IFN- γ receptor 1. <i>Biochemical Pharmacology</i> , 2017, 123, 63-72.	4.4	6
68	Selective targeting of the androgen receptor-DNA binding domain by the novel antiandrogen SBF-1 and inhibition of the growth of prostate cancer cells. <i>Investigational New Drugs</i> , 2021, 39, 442-457.	2.6	6
69	Targeting cancer cells through Mn(II)-dpa grafted silica nanoparticles. <i>Science China Chemistry</i> , 2010, 53, 1728-1731.	8.2	4
70	Apo-Form Selective Inhibition of IDO for Tumor Immunotherapy. <i>Journal of Immunology</i> , 2022, 209, 180-191.	0.8	4
71	Pidotimod enhanced the anti-growth effect of cisplatin on lung cancer in mice via promoting anti-tumor immune response. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 678-684.	2.1	2
72	Mitophagy-mediated NLRP3 inflammasome inhibition by andrographolide contributes to the prevention of colitis-associated cancer (1052.3). <i>FASEB Journal</i> , 2014, 28, 1052.3.	0.5	0

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73	Tyrosine phosphatase SHP2-mediated mitochondrial homeostasis for the resolution of inflammation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-3-48.	0.0	0