Rong Hu

List of Publications by Year
in descending order

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Version: 2024-02-01

37 papers	2,250 citations	279798 23 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	3347 citing authors

#	Article	IF	Citations
1	Acquired temozolomide resistance in MGMTlow gliomas is associated with regulation of homologous recombination repair by ROCK2. Cell Death and Disease, 2022, 13, 138.	6.3	7
2	An NRP1/MDM2â€Targeted Dâ€Peptide Supramolecular Nanomedicine for Highâ€Efficacy and Lowâ€Toxic Liver Cancer Therapy. Advanced Healthcare Materials, 2021, 10, e2002197.	7.6	17
3	Overproduction of Gastrointestinal 5-HT Promotes Colitis-Associated Colorectal Cancer Progression via Enhancing NLRP3 Inflammasome Activation. Cancer Immunology Research, 2021, 9, 1008-1023.	3.4	39
4	A Supramolecular Nanomedicine Based on Bendamustine and MDM2â€Targeted Dâ€peptide Inhibitor for Breast Cancer Therapy. Advanced Healthcare Materials, 2021, 10, e2100980.	7.6	4
5	Blockade of IDO-Kynurenine-AhR Axis Ameliorated Colitis-Associated Colon Cancer via Inhibiting Immune Tolerance. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 1179-1199.	4.5	33
6	HEATR1 deficiency promotes pancreatic cancer proliferation and gemcitabine resistance by up-regulating Nrf2 signaling. Redox Biology, 2020, 29, 101390.	9.0	24
7	Flumethasone enhances the efficacy of chemotherapeutic drugs in lung cancer by inhibiting Nrf2 signaling pathway. Cancer Letters, 2020, 474, 94-105.	7.2	19
8	Absent in melanoma 2 suppresses epithelialâ€mesenchymal transition via Akt and inflammasome pathways in human colorectal cancer cells. Journal of Cellular Biochemistry, 2019, 120, 17744-17756.	2.6	8
9	AIM2 promotes nonâ€smallâ€cell lung cancer cell growth through inflammasomeâ€dependent pathway. Journal of Cellular Physiology, 2019, 234, 20161-20173.	4.1	55
10	Digoxin sensitizes gemcitabine-resistant pancreatic cancer cells to gemcitabine via inhibiting Nrf2 signaling pathway. Redox Biology, 2019, 22, 101131.	9.0	45
11	ROCK2 Confers Acquired Gemcitabine Resistance in Pancreatic Cancer Cells by Upregulating Transcription Factor ZEB1. Cancers, 2019, 11, 1881.	3.7	17
12	1â€Lâ€MT, an IDO inhibitor, prevented colitisâ€associated cancer by inducing CDC20 inhibitionâ€mediated mitotic death of colon cancer cells. International Journal of Cancer, 2018, 143, 1516-1529.	5.1	39
13	Fasudil increases temozolomide sensitivity and suppresses temozolomide-resistant glioma growth via inhibiting ROCK2/ABCG2. Cell Death and Disease, 2018, 9, 190.	6.3	22
14	Nuclear Factor E2-Related Factor-2 Negatively Regulates NLRP3 Inflammasome Activity by Inhibiting Reactive Oxygen Species-Induced NLRP3 Priming. Antioxidants and Redox Signaling, 2017, 26, 28-43.	5.4	176
15	X-11-5-27, a daidzein derivative, inhibits NLRP3 inflammasome activity via promoting autophagy. Experimental Cell Research, 2017, 360, 320-327.	2.6	15
16	Gen-27, a newly synthesized flavonoid, inhibits glycolysis and induces cell apoptosis via suppression of hexokinase II in human breast cancer cells. Biochemical Pharmacology, 2017, 125, 12-25.	4.4	42
17	Synthesis and cytotoxicity evaluation of 3-amino-2-hydroxypropoxygenistein derivatives. Chinese Journal of Natural Medicines, 2017, 15, 871-880.	1.3	3
18	Oroxylin A inhibits colitis by inactivating NLRP3 inflammasome. Oncotarget, 2017, 8, 58903-58917.	1.8	40

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19	GEN-27, a Newly Synthetic Isoflavonoid, Inhibits the Proliferation of Colon Cancer Cells in Inflammation Microenvironment by Suppressing NF-Î¹B Pathway. Mediators of Inflammation, 2016, 2016, 1-17.	3.0	12
20	Malignant gliomas induce and exploit astrocytic mesenchymal-like transition by activating canonical Wnt/Î²-catenin signaling. Medical Oncology, 2016, 33, 66.	2.5	18
21	Dimethyl fumarate ameliorates dextran sulfate sodium-induced murine experimental colitis by activating Nrf2 and suppressing NLRP3 inflammasome activation. Biochemical Pharmacology, 2016, 112, 37-49.	4.4	114
22	Synthesis and cytotoxicity evaluation of 3-amino-2-hydroxypropoxyisoflavone derivatives. Chinese Journal of Natural Medicines, 2016, 14, 462-472.	1.3	1
23	Inflammasome-independent NLRP3 is required for epithelial-mesenchymal transition in colon cancer cells. Experimental Cell Research, 2016, 342, 184-192.	2.6	85
24	Dietary cholesterol promotes AOM-induced colorectal cancer through activating the NLRP3 inflammasome. Biochemical Pharmacology, 2016, 105, 42-54.	4.4	76
25	3-(2-Oxo-2-phenylethylidene)-2,3,6,7-tetrahydro-1H-pyrazino[2,1-a]isoquinolin-4(11bH)-one (compound 1), a novel potent Nrf2/ARE inducer, protects against DSS-induced colitis via inhibiting NLRP3 inflammasome. Biochemical Pharmacology, 2016, 101, 71-86.	4.4	50
26	Chemopreventive activity of GEN-27, a genistein derivative, in colitis-associated cancer is mediated by p65-CDX2-Î²-catenin axis. Oncotarget, 2016, 7, 17870-17884.	1.8	24
27	Drug resistance associates with activation of Nrf2 in <scp>MCF</scp>â€7/<scp>DOX</scp> cells, and wogonin reverses it by downâ€regulating Nrf2â€mediated cellular defense response. Molecular Carcinogenesis, 2013, 52, 824-834.	2.7	88
28	Synthesis and bioevaluation of a series of Î±-pyrone derivatives asÂpotent activators of Nrf2/ARE pathway (part I). European Journal of Medicinal Chemistry, 2013, 66, 364-371.	5.5	27
29	3-Aroylmethylene-2,3,6,7-tetrahydro-1H-pyrazino[2,1-a]isoquinolin-4(11bH)-ones as Potent Nrf2/ARE Inducers in Human Cancer Cells and AOM-DSS Treated Mice. Journal of Medicinal Chemistry, 2013, 56, 7925-7938.	6.4	40
30	Regulation of NF-E2-Related Factor 2 Signaling for Cancer Chemoprevention: Antioxidant Coupled with Antiinflammatory. Antioxidants and Redox Signaling, 2010, 13, 1679-1698.	5.4	170
31	Gene expression profiles induced by cancer chemopreventive isothiocyanate sulforaphane in the liver of C57BL/6J mice and C57BL/6J/Nrf2 (â^'/â^') mice. Cancer Letters, 2006, 243, 170-192.	7.2	225
32	Identification of Nrf2-regulated genes induced by chemopreventive isothiocyanate PEITC by oligonucleotide microarray. Life Sciences, 2006, 79, 1944-1955.	4.3	124
33	In vivo pharmacokinetics, activation of MAPK signaling and induction of phase II/III drug metabolizing enzymes/transporters by cancer chemopreventive compound BHA in the mice. Archives of Pharmacal Research, 2006, 29, 911-920.	6.3	20
34	Cancer chemoprevention of intestinal polyposis in ApcMin/+ mice by sulforaphane, a natural product derived from cruciferous vegetable. Carcinogenesis, 2006, 27, 2038-2046.	2.8	153
35	Activation of MAP kinases, apoptosis and nutrigenomics of gene expression elicited by dietary cancer-prevention compounds. Nutrition, 2004, 20, 83-88.	2.4	68
36	In Vivo Pharmacokinetics and Regulation of Gene Expression Profiles by Isothiocyanate Sulforaphane in the Rat. Journal of Pharmacology and Experimental Therapeutics, 2004, 310, 263-271.	2.5	207

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37	The roles of JNK and apoptotic signaling pathways in PEITC-mediated responses in human HT-29 colon adenocarcinoma cells. Carcinogenesis, 2003, 24, 1361-1367.	2.8	143