

# Rong Hu

## List of Publications by Year in descending order

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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	Gene expression profiles induced by cancer chemopreventive isothiocyanate sulforaphane in the liver of C57BL/6J mice and C57BL/6J/Nrf2 (âˆ™/âˆ™) mice. <i>Cancer Letters</i> , 2006, 243, 170-192.	7.2	225
2	In Vivo Pharmacokinetics and Regulation of Gene Expression Profiles by Isothiocyanate Sulforaphane in the Rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 263-271.	2.5	207
3	Nuclear Factor E2-Related Factor-2 Negatively Regulates NLRP3 Inflammasome Activity by Inhibiting Reactive Oxygen Species-Induced NLRP3 Priming. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 28-43.	5.4	176
4	Regulation of NF-E2-Related Factor 2 Signaling for Cancer Chemoprevention: Antioxidant Coupled with Antiinflammatory. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1679-1698.	5.4	170
5	Cancer chemoprevention of intestinal polyposis in ApcMin/+ mice by sulforaphane, a natural product derived from cruciferous vegetable. <i>Carcinogenesis</i> , 2006, 27, 2038-2046.	2.8	153
6	The roles of JNK and apoptotic signaling pathways in PEITC-mediated responses in human HT-29 colon adenocarcinoma cells. <i>Carcinogenesis</i> , 2003, 24, 1361-1367.	2.8	143
7	Identification of Nrf2-regulated genes induced by chemopreventive isothiocyanate PEITC by oligonucleotide microarray. <i>Life Sciences</i> , 2006, 79, 1944-1955.	4.3	124
8	Dimethyl fumarate ameliorates dextran sulfate sodium-induced murine experimental colitis by activating Nrf2 and suppressing NLRP3 inflammasome activation. <i>Biochemical Pharmacology</i> , 2016, 112, 37-49.	4.4	114
9	Drug resistance associates with activation of Nrf2 in MCF7/DOX cells, and wogonin reverses it by downregulating Nrf2-mediated cellular defense response. <i>Molecular Carcinogenesis</i> , 2013, 52, 824-834.	2.7	88
10	Inflammasome-independent NLRP3 is required for epithelial-mesenchymal transition in colon cancer cells. <i>Experimental Cell Research</i> , 2016, 342, 184-192.	2.6	85
11	Dietary cholesterol promotes AOM-induced colorectal cancer through activating the NLRP3 inflammasome. <i>Biochemical Pharmacology</i> , 2016, 105, 42-54.	4.4	76
12	Activation of MAP kinases, apoptosis and nutrigenomics of gene expression elicited by dietary cancer-prevention compounds. <i>Nutrition</i> , 2004, 20, 83-88.	2.4	68
13	AIM2 promotes non-small cell lung cancer cell growth through inflammasome-dependent pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 20161-20173.	4.1	55
14	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. <i>Biochemical Pharmacology</i> , 2016, 101, 71-86.	4.4	50
15	Digoxin sensitizes gemcitabine-resistant pancreatic cancer cells to gemcitabine via inhibiting Nrf2 signaling pathway. <i>Redox Biology</i> , 2019, 22, 101131.	9.0	45
16	Gen-27, a newly synthesized flavonoid, inhibits glycolysis and induces cell apoptosis via suppression of hexokinase II in human breast cancer cells. <i>Biochemical Pharmacology</i> , 2017, 125, 12-25.	4.4	42
17	3-Aroylmethylene-2,3,6,7-tetrahydro-1 <i>H</i> -pyrazino[2,1- <i>a</i> ]isoquinolin-4(11 <i>bH</i> )-ones as Potent Nrf2/ARE Inducers in Human Cancer Cells and AOM-DSS Treated Mice. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7925-7938.	6.4	40
18	Oroxlylin A inhibits colitis by inactivating NLRP3 inflammasome. <i>Oncotarget</i> , 2017, 8, 58903-58917.	1.8	40

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19	1- $\beta$ -MT, an IDO inhibitor, prevented colitis-associated cancer by inducing CDC20 inhibition-mediated mitotic death of colon cancer cells. <i>International Journal of Cancer</i> , 2018, 143, 1516-1529.	5.1	39
20	Overproduction of Gastrointestinal 5-HT Promotes Colitis-Associated Colorectal Cancer Progression via Enhancing NLRP3 Inflammasome Activation. <i>Cancer Immunology Research</i> , 2021, 9, 1008-1023.	3.4	39
21	Blockade of IDO-Kynurenine-AhR Axis Ameliorated Colitis-Associated Colon Cancer via Inhibiting Immune Tolerance. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 1179-1199.	4.5	33
22	Synthesis and bioevaluation of a series of $\beta$ -pyrone derivatives as potent activators of Nrf2/ARE pathway (part I). <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 364-371.	5.5	27
23	HEATR1 deficiency promotes pancreatic cancer proliferation and gemcitabine resistance by up-regulating Nrf2 signaling. <i>Redox Biology</i> , 2020, 29, 101390.	9.0	24
24	Chemopreventive activity of GEN-27, a genistein derivative, in colitis-associated cancer is mediated by p65-CDX2- $\beta$ -catenin axis. <i>Oncotarget</i> , 2016, 7, 17870-17884.	1.8	24
25	Fasudil increases temozolomide sensitivity and suppresses temozolomide-resistant glioma growth via inhibiting ROCK2/ABCG2. <i>Cell Death and Disease</i> , 2018, 9, 190.	6.3	22
26	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. <i>Archives of Pharmacal Research</i> , 2006, 29, 911-920.	6.3	20
27	Flumethasone enhances the efficacy of chemotherapeutic drugs in lung cancer by inhibiting Nrf2 signaling pathway. <i>Cancer Letters</i> , 2020, 474, 94-105.	7.2	19
28	Malignant gliomas induce and exploit astrocytic mesenchymal-like transition by activating canonical Wnt/ $\beta$ -catenin signaling. <i>Medical Oncology</i> , 2016, 33, 66.	2.5	18
29	ROCK2 Confers Acquired Gemcitabine Resistance in Pancreatic Cancer Cells by Upregulating Transcription Factor ZEB1. <i>Cancers</i> , 2019, 11, 1881.	3.7	17
30	An NRP1/MDM2-Targeted Dipeptide Supramolecular Nanomedicine for High Efficacy and Low Toxic Liver Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002197.	7.6	17
31	X-11-5-27, a daidzein derivative, inhibits NLRP3 inflammasome activity via promoting autophagy. <i>Experimental Cell Research</i> , 2017, 360, 320-327.	2.6	15
32	GEN-27, a Newly Synthetic Isoflavonoid, Inhibits the Proliferation of Colon Cancer Cells in Inflammation Microenvironment by Suppressing NF- $\kappa$ B Pathway. <i>Mediators of Inflammation</i> , 2016, 2016, 1-17.	3.0	12
33	Absent in melanoma 2 suppresses epithelial-mesenchymal transition via Akt and inflammasome pathways in human colorectal cancer cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17744-17756.	2.6	8
34	Acquired temozolomide resistance in MGMTlow gliomas is associated with regulation of homologous recombination repair by ROCK2. <i>Cell Death and Disease</i> , 2022, 13, 138.	6.3	7
35	A Supramolecular Nanomedicine Based on Bendamustine and MDM2-Targeted Dipeptide Inhibitor for Breast Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100980.	7.6	4
36	Synthesis and cytotoxicity evaluation of 3-amino-2-hydroxypropoxygenistein derivatives. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 871-880.	1.3	3

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37	Synthesis and cytotoxicity evaluation of 3-amino-2-hydroxypropoxyisoflavone derivatives. Chinese Journal of Natural Medicines, 2016, 14, 462-472.	1.3	1