

Xiu Jun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

3,261
citations

394421

19
h-index

414414

32
g-index

36
all docs

36
docs citations

36
times ranked

5272
citing authors

#	ARTICLE	IF	CITATIONS
1	Nrf2 signaling pathway: Pivotal roles in inflammation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 585-597.	3.8	1,223
2	Luteolin inhibits Nrf2 leading to negative regulation of the Nrf2/ARE pathway and sensitization of human lung carcinoma A549 cells to therapeutic drugs. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1599-1609.	2.9	270
3	Generation of a Stable Antioxidant Response Element-Driven Reporter Gene Cell Line and Its Use to Show Redox-Dependent Activation of Nrf2 by Cancer Chemotherapeutic Agents. <i>Cancer Research</i> , 2006, 66, 10983-10994.	0.9	269
4	RXR α Inhibits the NRF2-ARE Signaling Pathway through a Direct Interaction with the Neh7 Domain of NRF2. <i>Cancer Research</i> , 2013, 73, 3097-3108.	0.9	269
5	Identification of retinoic acid as an inhibitor of transcription factor Nrf2 through activation of retinoic acid receptor alpha. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19589-19594.	7.1	255
6	Resveratrol: An overview of its anti-cancer mechanisms. <i>Life Sciences</i> , 2018, 207, 340-349.	4.3	160
7	Luteolin inhibits the Nrf2 signaling pathway and tumor growth in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 602-608.	2.1	115
8	Activation of the NRF2 Signaling Pathway by Copper-Mediated Redox Cycling of Para- and Ortho-Hydroquinones. <i>Chemistry and Biology</i> , 2010, 17, 75-85.	6.0	94
9	Modulation of NRF2 signaling pathway by nuclear receptors: Implications for cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1875-1885.	4.1	83
10	Oxaliplatin activates the Keap1/Nrf2 antioxidant system conferring protection against the cytotoxicity of anticancer drugs. <i>Free Radical Biology and Medicine</i> , 2014, 70, 68-77.	2.9	62
11	"NRF2 addiction" in lung cancer cells and its impact on cancer therapy. <i>Cancer Letters</i> , 2019, 467, 40-49.	7.2	55
12	Mkp-1 cross-talks with Nrf2/Ho-1 pathway protecting against intestinal inflammation. <i>Free Radical Biology and Medicine</i> , 2018, 124, 541-549.	2.9	52
13	c-Jun NH2-terminal Protein Kinase Phosphorylates the Nrf2 Homology 6 Domain of Nuclear Factor Erythroid 2-Related Factor 2 and Downregulates Cytoprotective Genes in Acetaminophen-Induced Liver Injury in Mice. <i>Hepatology</i> , 2020, 71, 1787-1801.	7.3	50
14	NRF2-regulated metabolic gene signature as a prognostic biomarker in non-small cell lung cancer. <i>Oncotarget</i> , 2017, 8, 69847-69862.	1.8	39
15	Resveratrol dimers, nutritional components in grape wine, are selective ROS scavengers and weak Nrf2 activators. <i>Food Chemistry</i> , 2015, 173, 218-223.	8.2	37
16	Butylated hydroxyanisole induces distinct expression patterns of Nrf2 and detoxification enzymes in the liver and small intestine of C57BL/6 mice. <i>Toxicology and Applied Pharmacology</i> , 2015, 288, 339-348.	2.8	30
17	Mkp-1 is required for chemopreventive activity of butylated hydroxyanisole and resveratrol against colitis-associated colon tumorigenesis. <i>Food and Chemical Toxicology</i> , 2019, 127, 72-80.	3.6	25
18	Genome-wide global identification of NRF2 binding sites in A549 non-small cell lung cancer cells by CHIP-Seq reveals NRF2 regulation of genes involved in focal adhesion pathways. <i>Aging</i> , 2019, 11, 12600-12623.	3.1	23

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19	Imine Resveratrol Analogues: Molecular Design, Nrf2 Activation and SAR Analysis. PLoS ONE, 2014, 9, e101455.	2.5	22
20	Enhancement of Galloylation Efficacy of Stigmasterol and β -Sitosterol Followed by Evaluation of Cholesterol-Reducing Activity. Journal of Agricultural and Food Chemistry, 2019, 67, 3179-3187.	5.2	19
21	Mkp-1 protects mice against toxin-induced liver damage by promoting the Nrf2 cytoprotective response. Free Radical Biology and Medicine, 2018, 115, 361-370.	2.9	18
22	Synthetic Imine Resveratrol Analog 2-Methoxyl-3,6-Dihydroxyl-IRA Ameliorates Colitis by Activating Protective Nrf2 Pathway and Inhibiting NLRP3 Expression. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.0	15
23	Differential expression patterns of Nqo1, AKR1B8 and Ho-1 in the liver and small intestine of C57BL/6 mice treated with sulforaphane. Data in Brief, 2015, 5, 416-423.	1.0	14
24	Interplay of MKP-1 and Nrf2 drives tumor growth and drug resistance in non-small cell lung cancer. Aging, 2019, 11, 11329-11346.	3.1	10
25	AKR1B10 expression predicts response of gastric cancer to neoadjuvant chemotherapy. Oncology Letters, 2018, 17, 773-780.	1.8	9
26	The short isoform of PML α -RAR β activates the NRF2/HO-1 pathway through a direct interaction with NRF2. FEBS Letters, 2017, 591, 2859-2868.	2.8	7
27	Systematic Identification of Multi Omics-based Biomarkers in KEAP1 Mutated TCGA Lung Adenocarcinoma. Journal of Cancer, 2019, 10, 6813-6821.	2.5	7
28	Comparative transcriptome analysis reveals Dusp1 as a critical regulator of inflammatory response to fly ash particle exposure in mouse. Ecotoxicology and Environmental Safety, 2020, 190, 110116.	6.0	7
29	Integrated data analysis reveals significant associations of KEAP1 mutations with DNA methylation alterations in lung adenocarcinomas. Aging, 2020, 12, 7183-7206.	3.1	7
30	A Review of Compounds for Prevention of Colorectal Cancer. Current Pharmacology Reports, 2017, 3, 221-231.	3.0	5
31	Using Nrf2/antioxidant response element-dependent signaling to assess the toxicity potential of fly ash particles. Ecotoxicology and Environmental Safety, 2019, 170, 172-179.	6.0	5
32	Transcriptome analysis of potential candidate genes and molecular pathways in colitis-associated colorectal cancer of Mkp-1-deficient mice. BMC Cancer, 2021, 21, 607.	2.6	5
33	Transcriptomic profiling identifies a critical role of Nrf2 in regulating the inflammatory response to fly ash particles in mouse lung. Ecotoxicology and Environmental Safety, 2020, 190, 110132.	6.0	0
34	REPLY:. Hepatology, 2021, 73, 468-469.	7.3	0