## Sensitivity to carcinogenesis is increased and chemoprois lost in nrf2 transcription factor-deficient mice

Proceedings of the National Academy of Sciences of the Unite 98, 3410-3415

DOI: 10.1073/pnas.051618798

**Citation Report** 

#	Article	IF	CITATIONS
1	Molecular basis for the contribution of the antioxidant responsive element to cancer chemoprevention. Cancer Letters, 2001, 174, 103-113.	3.2	302
2	Kinetic Constraints for the Thiolysis of 4-Methyl-5-(pyrazin-2-yl)-1,2-dithiole-3-thione (Oltipraz) and Related Dithiole-3-thiones in Aqueous Solution. Chemical Research in Toxicology, 2001, 14, 939-945.	1.7	16
3	Phytochemicals from Cruciferous Plants Protect against Cancer by Modulating Carcinogen Metabolism. Journal of Nutrition, 2001, 131, 3027S-3033S.	1.3	520
4	Two domains of Nrf2 cooperatively bind CBP, a CREB binding protein, and synergistically activate transcription. Genes To Cells, 2001, 6, 857-868.	0.5	415
5	Role of phase 2 enzyme induction in chemoprotection by dithiolethiones. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 480-481, 305-315.	0.4	219
6	Potency of Michael reaction acceptors as inducers of enzymes that protect against carcinogenesis depends on their reactivity with sulfhydryl groups. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 3404-3409.	3.3	532
7	Avicins, a family of triterpenoid saponins from Acacia victoriae (Bentham), suppress H-ras mutations and aneuploidy in a murine skin carcinogenesis model. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 11551-11556.	3.3	83
8	Chemoprevention: Increased potential to bear fruit. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 2941-2943.	3.3	65
9	Powerful and prolonged protection of human retinal pigment epithelial cells, keratinocytes, and mouse leukemia cells against oxidative damage: The indirect antioxidant effects of sulforaphane. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 15221-15226.	3.3	177
10	Cobalt Induces Heme Oxygenase-1 Expression by a Hypoxia-inducible Factor-independent Mechanism in Chinese Hamster Ovary Cells. Journal of Biological Chemistry, 2001, 276, 27018-27025.	1.6	134
11	Antioxidative Function and Substrate Specificity of NAD(P)H- dependent Alkenal/one Oxidoreductase. Journal of Biological Chemistry, 2001, 276, 40803-40810.	1.6	113
12	Neuroprotection for Parkinson's disease: a new approach for a new millennium. Expert Opinion on Investigational Drugs, 2001, 10, 1855-1868.	1.9	25
13	Chemoprotection by Phenolic Antioxidants. Journal of Biological Chemistry, 2002, 277, 2477-2484.	1.6	105
14	Sulforaphane inhibits extracellular, intracellular, and antibiotic-resistant strains of Helicobacter pylori and prevents benzo[a]pyrene-induced stomach tumors. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7610-7615.	3.3	721
15	Activation of the Mouse Heme Oxygenase-1 Gene by 15-Deoxy-Δ12,14-Prostaglandin J2Is Mediated by the Stress Response Elements and Transcription Factor Nrf2. Antioxidants and Redox Signaling, 2002, 4, 249-257.	2.5	131
16	Direct evidence that sulfhydryl groups of Keap1 are the sensors regulating induction of phase 2 enzymes that protect against carcinogens and oxidants. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11908-11913.	3.3	1,719
17	Loss of the Nrf2 transcription factor causes a marked reduction in constitutive and inducible expression of the glutathione S-transferase Gsta1, Gsta2, Gstm1, Gstm2, Gstm3 and Gstm4 genes in the livers of male and female mice. Biochemical Journal, 2002, 365, 405-416.	1.7	399
18	Microarray Analysis Reveals an Antioxidant Responsive Element-driven Gene Set Involved in Conferring Protection from an Oxidative Stress-induced Apoptosis in IMR-32 Cells. Journal of Biological Chemistry, 2002, 277, 388-394	1.6	178

#	Article	IF	CITATIONS
19	Linkage Analysis of Susceptibility to Hyperoxia. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 42-51.	1.4	171
20	Expression Profiling in Squamous Carcinoma Cells Reveals Pleiotropic Effects of Vitamin D3 Analog EB1089 Signaling on Cell Proliferation, Differentiation, and Immune System Regulation. Molecular Endocrinology, 2002, 16, 1243-1256.	3.7	173
21	Nrf2 transactivator-independent GSTP1-1 expression in `GSTP1-1 positive' single cells inducible in female mouse liver by DEN: a preneoplastic character of possible initiated cells. Carcinogenesis, 2002, 23, 457-462.	1.3	20
22	Functional foods and health: a US perspective. British Journal of Nutrition, 2002, 88, S152-S158.	1.2	39
23	Resistance of DRH strain rats to chemical carcinogenesis of liver: genetic analysis of later progression stage. Carcinogenesis, 2002, 23, 189-196.	1.3	18
24	Reactive Intermediates and The Dynamics of Glutathione Transferases. Drug Metabolism and Disposition, 2002, 30, 1053-1058.	1.7	123
25	The Keap1 BTB/POZ Dimerization Function Is Required to Sequester Nrf2 in Cytoplasm. Journal of Biological Chemistry, 2002, 277, 36544-36552.	1.6	303
26	Strategies for cancer prevention: the role of diet. British Journal of Nutrition, 2002, 87, S265-S272.	1.2	21
27	Brassica, Biotransformation and Cancer Risk: Genetic Polymorphisms Alter the Preventive Effects of Cruciferous Vegetables. Journal of Nutrition, 2002, 132, 2991-2994.	1.3	170
28	Enhanced Expression of the Transcription Factor Nrf2 by Cancer Chemopreventive Agents: Role of Antioxidant Response Element-Like Sequences in the nrf2 Promoter. Molecular and Cellular Biology, 2002, 22, 2883-2892.	1.1	527
29	Acrolein causes transcriptional induction of phase II genes by activation of Nrf2 in human lung type II epithelial (A549) cells. Toxicology Letters, 2002, 132, 27-36.	0.4	102
30	Chemoprotective potential of phase 2 enzyme inducers. Expert Review of Anticancer Therapy, 2002, 2, 581-592.	1.1	17
31	Antioxidants, reactive oxygen and nitrogen species, gene induction and mitochondrial function. Molecular Aspects of Medicine, 2002, 23, 209-285.	2.7	201
32	Integration and diversity of the regulatory network composed of Maf and CNC families of transcription factors. Gene, 2002, 294, 1-12.	1.0	412
33	Time-dependent changes in ARE-driven gene expression by use of a noise-filtering process for microarray data. Physiological Genomics, 2002, 9, 137-144.	1.0	27
34	Role of gene regulation in the anticancer activity of carotenoids. Pure and Applied Chemistry, 2002, 74, 1469-1477.	0.9	33
35	The diet, prostate inflammation, and the development of prostate cancer. , 2002, , 227-240.		0
36	Cell-based studies reveal differences in glutathione S-transferase induction between oltipraz and tert-butylhydroquinone. Journal of Biochemical and Molecular Toxicology, 2002, 16, 154-161.	1.4	8

#	Article	IF	CITATIONS
37	Nutritional approaches to combat oxidative stress in Alzheimer's disease. Journal of Nutritional Biochemistry, 2002, 13, 444-461.	1.9	343
38	Identification of the interactive interface and phylogenic conservation of the Nrf2-Keap1 system. Genes To Cells, 2002, 7, 807-820.	0.5	298
39	Nrf2 degradation by the ubiquitin proteasome pathway is inhibited by KIAA0132, the human homolog to INrf2. Oncogene, 2002, 21, 6829-6834.	2.6	124
40	Caffeic Acid Phenethyl Ester and Curcumin: A Novel Class of Heme Oxygenase-1 Inducers. Molecular Pharmacology, 2002, 61, 554-561.	1.0	288
41	The diet, prostate inflammation, and the development of prostate cancer. Cancer and Metastasis Reviews, 2002, 21, 3-16.	2.7	116
42	Involvement of Nrf2 and JNK1 in the activation of antioxidant responsive element (ARE) by chemopreventive agent phenethyl isothiocyanate (PEITC). Pharmaceutical Research, 2003, 20, 1351-1356.	1.7	139
43	REGULATORY MECHANISMS CONTROLLING GENE EXPRESSION MEDIATED BY THE ANTIOXIDANT RESPONSE ELEMENT. Annual Review of Pharmacology and Toxicology, 2003, 43, 233-260.	4.2	1,127
44	Idiosyncratic toxicity: the role of toxicophores and bioactivation. Drug Discovery Today, 2003, 8, 1044-1050.	3.2	111
45	Two redox centers within Yap1 for H2O2 and thiol-reactive chemicals signaling. Free Radical Biology and Medicine, 2003, 35, 889-900.	1.3	118
46	Role of the AP-1 element and redox factor-1 (Ref-1) in mediating transcriptional induction of DT-diaphorase gene expression by oltipraz: a target for chemoprevention. Biochemical Pharmacology, 2003, 66, 15-23.	2.0	18
47	Vertebrate UDP-glucuronosyltransferases: functional and evolutionary aspects. Biochemical Pharmacology, 2003, 66, 691-696.	2.0	148
48	Contribution of the Ah receptor to the phenolic antioxidant-mediated expression of human and rat UDP-glucuronosyltransferase UGT1A6 in Caco-2 and rat hepatoma 5L cells. Biochemical Pharmacology, 2003, 66, 841-847.	2.0	77
49	Importance of phase 2 gene regulation in protection against electrophile and reactive oxygen toxicity and carcinogenesis. Advances in Enzyme Regulation, 2003, 43, 121-134.	2.9	261
50	Keap1 in adhesion complexes. Cytoskeleton, 2003, 56, 109-119.	4.4	20
51	Keap1 regulates both cytoplasmic-nuclear shuttling and degradation of Nrf2 in response to electrophiles. Genes To Cells, 2003, 8, 379-391.	0.5	698
52	Essential role for the peroxiredoxin Prdx1 in erythrocyte antioxidant defence and tumour suppression. Nature, 2003, 424, 561-565.	13.7	731
53	Thioredoxin-dependent redox regulation of the antioxidant responsive element (ARE) in electrophile response. Oncogene, 2003, 22, 1860-1865.	2.6	125
54	Nrf2 regulates the sensitivity of death receptor signals by affecting intracellular glutathione levels. Oncogene, 2003, 22, 9275-9281.	2.6	105

#	Article	IF	Citations
55	Keap1-null mutation leads to postnatal lethality due to constitutive Nrf2 activation. Nature Genetics, 2003, 35, 238-245.	9.4	782
56	Translational strategies for cancer prevention in liver. Nature Reviews Cancer, 2003, 3, 321-329.	12.8	191
57	Cancer chemoprevention with dietary phytochemicals. Nature Reviews Cancer, 2003, 3, 768-780.	12.8	2,533
58	Increased Protein Stability as a Mechanism That Enhances Nrf2-mediated Transcriptional Activation of the Antioxidant Response Element. Journal of Biological Chemistry, 2003, 278, 4536-4541.	1.6	533
59	Transcription factor Nrf2 is required for the constitutive and inducible expression of multidrug resistance-associated protein1 in mouse embryo fibroblasts. Biochemical and Biophysical Research Communications, 2003, 310, 824-829.	1.0	247
60	Modulation of transcriptional activity by antioxidant carotenoids. Molecular Aspects of Medicine, 2003, 24, 371-384.	2.7	27
61	Induction of phase 2 enzymes by serum oxidized polyamines through activation of Nrf2: effect of the polyamine metabolite acrolein. Biochemical and Biophysical Research Communications, 2003, 305, 662-670.	1.0	79
62	Nitric oxide stimulates Nrf2 nuclear translocation in vascular endothelium. Biochemical and Biophysical Research Communications, 2003, 307, 973-979.	1.0	144
63	Inhibition of Nuclear Factor κB by Phenolic Antioxidants: Interplay between Antioxidant Signaling and Inflammatory Cytokine Expression. Molecular Pharmacology, 2003, 64, 211-219.	1.0	104
64	Distinct Cysteine Residues in Keap1 Are Required for Keap1-Dependent Ubiquitination of Nrf2 and for Stabilization of Nrf2 by Chemopreventive Agents and Oxidative Stress. Molecular and Cellular Biology, 2003, 23, 8137-8151.	1.1	1,241
65	INDUCTION OF MULTIDRUG RESISTANCE PROTEIN 3 (MRP3) IN VIVO IS INDEPENDENT OF CONSTITUTIVE ANDROSTANE RECEPTOR. Drug Metabolism and Disposition, 2003, 31, 1315-1319.	1.7	64
66	INDUCTION OF MULTIDRUG RESISTANCE PROTEIN 3 IN RAT LIVER IS ASSOCIATED WITH ALTERED VECTORIAL EXCRETION OF ACETAMINOPHEN METABOLITES. Drug Metabolism and Disposition, 2003, 31, 1176-1186.	1.7	78
67	Oltipraz Is a Bifunctional Inducer Activating Both Phase I and Phase II Drug-Metabolizing Enzymes via the Xenobiotic Responsive Element. Molecular Pharmacology, 2003, 64, 346-354.	1.0	32
68	Interactive effects of nrf2 genotype and oltipraz on benzo[a]pyrene-DNA adducts and tumor yield in mice. Carcinogenesis, 2003, 24, 461-467.	1.3	169
69	Essential Role of Phosphatidylinositol 3-Kinase-Dependent CCAAT/Enhancer Binding Protein  Activation in the Induction of Glutathione S-Transferase by Oltipraz. Journal of the National Cancer Institute, 2003, 95, 53-66.	3.0	99
70	Antioxidants Enhance Mammalian Proteasome Expression through the Keap1-Nrf2 Signaling Pathway. Molecular and Cellular Biology, 2003, 23, 8786-8794.	1.1	446
71	Synergy between sulforaphane and selenium in the induction of thioredoxin reductase 1 requires both transcriptional and translational modulation. Carcinogenesis, 2003, 24, 497-503.	1.3	88
72	Deficiency of the Nrf1 and Nrf2 Transcription Factors Results in Early Embryonic Lethality and Severe Oxidative Stress. Journal of Biological Chemistry, 2003, 278, 48021-48029.	1.6	266

ARTICLE IF CITATIONS Mechanism of Rat UDP-Glucuronosyltransferase 1A6 Induction by Oltipraz: Evidence for a 1.0 63 73 Contribution of the Aryl Hydrocarbon Receptor Pathway. Molecular Pharmacology, 2003, 63, 119-127. Curcumin activates the haem oxygenase-1 gene via regulation of Nrf2 and the antioxidant-responsive element. Biochemical Journal, 2003, 371, 887-895. 1.7 Modulation of Gene Expression by Cancer Chemopreventive Dithiolethiones through the Keap1-Nrf2 76 1.6 611 Pathway. Journal of Biological Chemistry, 2003, 278, 8135-8145. Identification of the NF-E2-related Factor-2-dependent Genes Conferring Protection against Oxidative Stress in Primary Cortical Astrocytes Using Oligonucleotide Microarray Analysis. Journal of Biological Chemistry, 2003, 278, 12029-12038. 691 SKN-1 links C. elegans mesendodermal specification to a conserved oxidative stress response. Genes 78 2.7 627 and Development, 2003, 17, 1882-1893. Increased Constitutive c-Jun N-terminal Kinase Signaling in Mice Lacking Glutathione S-Transferase Pi. Journal of Biological Chemistry, 2003, 278, 22243-22249. 79 1.6 134 Degradation of Transcription Factor Nrf2 via the Ubiquitin-Proteasome Pathway and Stabilization by 80 1.6 393 Cadmium. Journal of Biological Chemistry, 2003, 278, 2396-2402. NF-E2-related Factor-2 Mediates Neuroprotection against Mitochondrial Complex I Inhibitors and Increased Concentrations of Intracellular Calcium in Primary Cortical Neurons. Journal of 1.6 279 Biological Chemistry, 2003, 278, 37948-37956. Erk Activation Is Required for Nrf2 Nuclear Localization during Pyrrolidine Dithiocarbamate 82 Induction of Glutamate Cysteine Ligase Modulatory Gene Expression in HepG2 Cells. Toxicological 222 1.4 Sciences, 2003, 73, 124-134. Transcriptional Regulation of the Heme Oxygenase-1 Gene Via the Stress Response Element Pathway. Current Pharmaceutical Design, 2003, 9, 2499-2511. Characterization of the rat aflatoxin B1 aldehyde reductase gene, AKR7A1. Structure and chromosomal localization of AKR7A1 as well as identification of antioxidant response elements in the gene 31 84 1.3 promoter. Carcinogenesis, 2003, 24, 727-737. Inadequate "Caretaker" Gene Function and Human Cancer Development., 2003, 222, 249-268. Transcription Factors in the Cellular Signaling Network as Prime Targets of Chemopreventive 86 1.3 20 Phytochemicals. Cancer Research and Treatment, 2004, 36, 275. Role of Protein Phosphorylation in the Regulation of NF-E2–Related Factor 2 Activity. Methods in Enzymology, 2004, 378, 286-301. 87 0.4 16 Induction of Cytoprotective Genes Through Nrf2 / Antioxidant Response Element Pathway: A New 88 Therapeutic Approach for the Treatment of Inflammatory Diseases. Current Pharmaceutical Design, 0.9 326 2004, 10, 879-891. Transcription Factor Nrf2 Regulates Inflammation by Mediating the Effect of 15-Deoxy-f" 12,14 383 -Prostaglandin J 2. Molecular and Cellular Biology, 2004, 24, 36-45. In Vitro and in Vivo Regulation of Antioxidant Response Element-Dependent Gene Expression by 90 1.4 76 Estrogens. Endocrinology, 2004, 145, 311-317. Chemoprevention by 1,2-Dithiole-3-Thiones Through Induction of NQO1 and Other Phase 2 Enzymes. Methods in Enzymology, 2004, 382, 414-423.

#	Article	IF	CITATIONS
92	Distinct roles of c-Abl and Atm in oxidative stress response are mediated by protein kinase C Â. Genes and Development, 2004, 18, 1824-1837.	2.7	101
93	Genetic ablation of Nrf2 enhances susceptibility to cigarette smoke–induced emphysema in mice. Journal of Clinical Investigation, 2004, 114, 1248-1259.	3.9	763
95	Protection against electrophile and oxidant stress by induction of the phase 2 response: Fate of cysteines of the Keap1 sensor modified by inducers. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2040-2045.	3.3	895
96	Colorectal Cancer and the Relationship Between Genes and the Environment. Nutrition and Cancer, 2004, 48, 124-141.	0.9	74
97	The Human Glutathione S-Transferase P1 Protein Is Phosphorylated and Its Metabolic Function Enhanced by the Ser/Thr Protein Kinases, cAMP-Dependent Protein Kinase and Protein Kinase C, in Glioblastoma Cells. Cancer Research, 2004, 64, 9131-9138.	0.4	54
98	BRCA1 Induces Antioxidant Gene Expression and Resistance to Oxidative Stress. Cancer Research, 2004, 64, 7893-7909.	0.4	198
99	Nrf2 Is Essential for the Chemopreventive Efficacy of Oltipraz against Urinary Bladder Carcinogenesis. Cancer Research, 2004, 64, 6424-6431.	0.4	325
100	Small Maf proteins serve as transcriptional cofactors for keratinocyte differentiation in the Keap1-Nrf2 regulatory pathway. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6379-6384.	3.3	293
101	Keap1 Is a Redox-Regulated Substrate Adaptor Protein for a Cul3-Dependent Ubiquitin Ligase Complex. Molecular and Cellular Biology, 2004, 24, 10941-10953.	1.1	1,083
102	Induction of phase 2 genes by sulforaphane protects retinal pigment epithelial cells against photooxidative damage. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10446-10451.	3.3	206
103	Transactivation of the PPAR-Responsive Enhancer Module in Chemopreventive Glutathione S-Transferase Gene by the Peroxisome Proliferator-Activated Receptor-γ and Retinoid X Receptor Heterodimer. Cancer Research, 2004, 64, 3701-3713.	0.4	127
104	Role of Nrf2 in the Regulation of CD36 and Stress Protein Expression in Murine Macrophages. Circulation Research, 2004, 94, 609-616.	2.0	388
105	Nrf2 deficiency causes tooth decolourization due to iron transport disorder in enamel organ. Genes To Cells, 2004, 9, 641-651.	0.5	56
106	Contribution of NAD(P)H:quinone oxidoreductase 1 to protection against carcinogenesis, and regulation of its gene by the Nrf2 basic-region leucine zipper and the arylhydrocarbon receptor basic helix-loop-helix transcription factors. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 555, 149-171.	0.4	318
107	Chemoprevention through the Keap1–Nrf2 signaling pathway by phase 2 enzyme inducers. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2004, 555, 133-148.	0.4	258
108	The pathways and molecular mechanisms regulating Nrf2 activation in response to chemical stress. Free Radical Biology and Medicine, 2004, 37, 433-441.	1.3	423
109	Protection against electrophile and oxidative stress by induction of phase 2 genes: the quest for the elusive sensor that responds to inducers. Advances in Enzyme Regulation, 2004, 44, 335-367.	2.9	130
110	The pleiotropic actions of vitamin D. BioEssays, 2004, 26, 21-28.	1.2	232

		CITATION R	EPORT	
#	Article		IF	CITATIONS
111	Activation of hepatic Nrf2in vivo by acetaminophen in CD-1 mice. Hepatology, 2004, 3	9, 1267-1276.	3.6	188
112	GSTP1 CpG island hypermethylation as a molecular biomarker for prostate cancer. Jour Biochemistry, 2004, 91, 540-552.	mal of Cellular	1.2	195
113	Pathological and molecular mechanisms of prostate carcinogenesis: Implications for di detection, prevention, and treatment. Journal of Cellular Biochemistry, 2004, 91, 459-4	agnosis, 177.	1.2	164
114	Coordinate Regulation of Drug Metabolism by Xenobiotic Nuclear Receptors: UCTs Act with CYPs and Glucuronide Transporters. Drug Metabolism Reviews, 2004, 36, 595-61	ting Together 5.	1.5	46
115	Quinone Reductases Multitasking in the Metabolic World. Drug Metabolism Reviews, 2	2004, 36, 639-654.	1.5	165
116	The pathways and molecular mechanisms regulating Nrf2 activation in response to che Free Radical Biology and Medicine, 2004, , .	emical stress.	1.3	Ο
117	Nuclear Factor E2-Related Factor 2-Dependent Antioxidant Response Element Activation tert-Butylhydroquinone and Sulforaphane Occurring Preferentially in Astrocytes Condition Neurons against Oxidative Insult. Journal of Neuroscience, 2004, 24, 1101-1112.	on by tions	1.7	504
118	Oltipraz, 3H-1,2-dithiole-3-thione, and sulforaphane induce overlapping and protective responses in murine microglial cells. Toxicology Letters, 2004, 153, 343-355.	antioxidant	0.4	28
119	The role of carotenoids in the prevention of human pathologies. Biomedicine and Phar 2004, 58, 100-110.	macotherapy,	2.5	496
120	The chemical inducibility of mouse cardiac antioxidants and phase 2 enzymes in vivo. B Biophysical Research Communications, 2004, 317, 1080-1088.	Biochemical and	1.0	25
121	Identification of polymorphisms in the promoter region of the human NRF2 gene. Biocl Biophysical Research Communications, 2004, 321, 72-79.	hemical and	1.0	122
122	Nrf2–Keap1 defines a physiologically important stress response mechanism. Trends Medicine, 2004, 10, 549-557.	in Molecular	3.5	1,529
123	Profiling 1,25-dihydroxyvitamin D3-regulated gene expression by microarray analysis. Jo Steroid Biochemistry and Molecular Biology, 2004, 89-90, 239-244.	ournal of	1.2	62
124	Carotenoids and transcription. Archives of Biochemistry and Biophysics, 2004, 430, 89	9-96.	1.4	108
125	Unique Function of the Nrf2–Keap1 Pathway in the Inducible Expression of Antioxida Detoxifying Enzymes. Methods in Enzymology, 2004, 378, 273-286.	ant and	0.4	212
126	A critical review of the bioavailability of glucosinolates and related compounds. Natura Reports, 2004, 21, 425.	l Product	5.2	380
127	Dietary Cancer Chemoprevention: An Overview. International Journal of Human Geneti 265-276.	cs, 2004, 4,	0.1	21
128	Induction of murine NAD(P)H:quinone oxidoreductase by 2,3,7,8-tetrachlorodibenzo-p the CNC (cap n collar) basic leucine zipper transcription factor Nrf2 (nuclear factor ery transduction. Biochemical Iournal. 2004. 377. 205-213.	-dioxin requires throid) Tj ETQq1 1 0.7843	814 <sub>1</sub> ,gBT /0	Overlgck 10

#	Article	IF	CITATIONS
129	Nrf2-DEPENDENT GENE EXPRESSIONS: A MOLECULAR TOXICOLOGICAL ASPECT. Journal of Toxicological Sciences, 2004, 29, 81-89.	0.7	64
130	An Important Role of Nrf2-ARE Pathway in the Cellular Defense Mechanism. BMB Reports, 2004, 37, 139-143.	1.1	503
131	Redox-Sensitive Transcription Factors as Prime Targets for Chemoprevention with Anti-Inflammatory and Antioxidative Phytochemicals –. Journal of Nutrition, 2005, 135, 2993S-3001S.	1.3	300
132	Role of the nrf-2 gene in protection and repair of gastric mucosa against oxidative stress. Inflammopharmacology, 2005, 13, 83-90.	1.9	38
133	Regulation of reactive oxygen species, DNA damage and c-Myc function by peroxiredoxin 1. Oncogene, 2005, 24, 8038-8050.	2.6	205
134	Smad3–ATF3 signaling mediates TGF-β suppression of genes encoding Phase II detoxifying proteins. Free Radical Biology and Medicine, 2005, 38, 375-387.	1.3	87
135	Nrf2 as a target for cancer chemoprevention. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 591, 93-102.	0.4	183
136	Modulation of xenobiotic metabolising enzymes by anticarcinogens—focus on glutathione S-transferases and their role as targets of dietary chemoprevention in colorectal carcinogenesis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 591, 74-92.	0.4	140
137	Functional and physical communication between oncoproteins and tumor suppressors. Cellular and Molecular Life Sciences, 2005, 62, 2438-2459.	2.4	8
138	Comparison of (â^')-Epigallocatechin-3-Gallate Elicited Liver and Small Intestine Gene Expression Profiles Between C57BL/6J Mice and C57BL/6J/Nrf2 (â^'/â^') Mice. Pharmaceutical Research, 2005, 22, 1805-1820.	1.7	153
139	Sulfur Amino Acid Restriction Induces the π Class of Glutathione S-Transferase Expression in Primary Rat Hepatocytes. Journal of Nutrition, 2005, 135, 1034-1039.	1.3	7
140	Regulatory Role of the COX-2 Pathway in the Nrf2-Mediated Anti-Inflammatory Response. Journal of Clinical Biochemistry and Nutrition, 2005, 37, 9-18.	0.6	10
141	The GI-GPx Gene Is a Target for Nrf2. Molecular and Cellular Biology, 2005, 25, 4914-4923.	1.1	307
142	Regulation of Hepatic Transporters by Xenobiotic Receptors. Current Drug Metabolism, 2005, 6, 309-328.	0.7	165
143	Reducing mitochondrial decay with mitochondrial nutrients to delay and treat cognitive dysfunction, Alzheimer's disease, and Parkinson's disease. Nutritional Neuroscience, 2005, 8, 67-89.	1.5	123
144	Specific Patterns of Electrophile Adduction Trigger Keap1 Ubiquitination and Nrf2 Activation. Journal of Biological Chemistry, 2005, 280, 31768-31775.	1.6	280
145	Inhibition of Activator Protein-1, NF-κB, and MAPKs and Induction of Phase 2 Detoxifying Enzyme Activity by Chlorogenic Acid. Journal of Biological Chemistry, 2005, 280, 27888-27895.	1.6	336
146	INDUCTION OF THE MULTIDRUG RESISTANCE-ASSOCIATED PROTEIN FAMILY OF TRANSPORTERS BY CHEMICAL ACTIVATORS OF RECEPTOR-MEDIATED PATHWAYS IN MOUSE LIVER. Drug Metabolism and Disposition, 2005, 33, 956-962.	1.7	244

#	Article	IF	CITATIONS
147	Nrf2 Controls Constitutive and Inducible Expression of ARE-driven Genes through a Dynamic Pathway Involving Nucleocytoplasmic Shuttling by Keap1. Journal of Biological Chemistry, 2005, 280, 32485-32492.	1.6	310
148	Effects of Glucosinolate-Rich Broccoli Sprouts on Urinary Levels of Aflatoxin-DNA Adducts and Phenanthrene Tetraols in a Randomized Clinical Trial in He Zuo Township, Qidong, People's Republic of China. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2605-2613.	1.1	287
149	4-Hydroxynonenal Induces Adaptive Response and Enhances PC12 Cell Tolerance Primarily through Induction of Thioredoxin Reductase 1 via Activation of Nrf2. Journal of Biological Chemistry, 2005, 280, 41921-41927.	1.6	186
150	Induction of the Nrf2-driven Antioxidant Response Confers Neuroprotection during Mitochondrial Stress in Vivo. Journal of Biological Chemistry, 2005, 280, 22925-22936.	1.6	237
151	c-Abl in oxidative stress, aging and cancer. Cell Cycle, 2005, 4, 201-203.	1.3	30
152	UDPâ€Glucuronosyltransferase 1A6: Structural, Functional, and Regulatory Aspects. Methods in Enzymology, 2005, 400, 57-75.	0.4	89
153	Nrf2 Possesses a Redox-insensitive Nuclear Export Signal Overlapping with the Leucine Zipper Motif. Journal of Biological Chemistry, 2005, 280, 28430-28438.	1.6	81
154	Liver-specific inactivation of the Nrf1 gene in adult mouse leads to nonalcoholic steatohepatitis and hepatic neoplasia. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4120-4125.	3.3	275
155	Ubiquitination of Keap1, a BTB-Kelch Substrate Adaptor Protein for Cul3, Targets Keap1 for Degradation by a Proteasome-independent Pathway. Journal of Biological Chemistry, 2005, 280, 30091-30099.	1.6	251
156	Transcription Factor Nrf2 Plays a Pivotal Role in Protection against Elastase-Induced Pulmonary Inflammation and Emphysema. Journal of Immunology, 2005, 175, 6968-6975.	0.4	219
157	Protection from mitochondrial complex II inhibition in vitro and in vivo by Nrf2-mediated transcription. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 244-249.	3.3	236
158	A Small-Molecule-Inducible Nrf2-Mediated Antioxidant Response Provides Effective Prophylaxis against Cerebral Ischemia In Vivo. Journal of Neuroscience, 2005, 25, 10321-10335.	1.7	395
159	Molecular Mechanisms Involved in Enhancing HO-1 Expression: De-Repression by Heme and Activation by Nrf2, The "One-Two" Punch. Antioxidants and Redox Signaling, 2005, 7, 1674-1687.	2.5	105
160	The Carboxy-Terminal Neh3 Domain of Nrf2 Is Required for Transcriptional Activation. Molecular and Cellular Biology, 2005, 25, 10895-10906.	1.1	299
161	Disruption of Nrf2 enhances susceptibility to severe airway inflammation and asthma in mice. Journal of Experimental Medicine, 2005, 202, 47-59.	4.2	529
162	Nuclear Import and Export Signals in Control of Nrf2. Journal of Biological Chemistry, 2005, 280, 29158-29168.	1.6	171
163	Modifying specific cysteines of the electrophile-sensing human Keap1 protein is insufficient to disrupt binding to the Nrf2 domain Neh2. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10070-10075.	3.3	420
164	Molecular Mechanisms Activating the Nrf2-Keap1 Pathway of Antioxidant Gene Regulation. Antioxidants and Redox Signaling, 2005, 7, 385-394.	2.5	982

#	Article	IF	CITATIONS
165	Redox-Dependent Transcriptional Regulation. Circulation Research, 2005, 97, 967-974.	2.0	402
166	Nrf2, a multiâ€organ protector?. FASEB Journal, 2005, 19, 1061-1066.	0.2	468
167	Molecular Basis of Heme Oxygenase-1 Induction: Implications for Chemoprevention and Chemoprotection. Antioxidants and Redox Signaling, 2005, 7, 1688-1703.	2.5	182
168	Transcriptional Regulation of NF-E2 p45-related Factor (NRF2) Expression by the Aryl Hydrocarbon Receptor-Xenobiotic Response Element Signaling Pathway. Journal of Biological Chemistry, 2005, 280, 20340-20348.	1.6	435
169	The Role of Keap1 in Cellular Protective Responses. Chemical Research in Toxicology, 2005, 18, 1779-1791.	1.7	345
170	Nuclear Oncoprotein Prothymosin α Is a Partner of Keap1: Implications for Expression of Oxidative Stress-Protecting Genes. Molecular and Cellular Biology, 2005, 25, 1089-1099.	1.1	162
171	Phytochemicals in Broccoli Transcriptionally Induce Thioredoxin Reductase. Journal of Agricultural and Food Chemistry, 2005, 53, 5535-5540.	2.4	19
172	Glutathione-Mediated Formation of Oxygen Free Radicals by the Major Metabolite of Oltipraz. Chemical Research in Toxicology, 2005, 18, 970-975.	1.7	22
173	Differential Activation of Heme Oxygenase-1 by Chalcones and Rosolic Acid in Endothelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2005, 312, 686-693.	1.3	96
174	Repression of cancer protective genes by 17β-estradiol: Ligand-dependent interaction between human Nrf2 and estrogen receptor α. Molecular and Cellular Endocrinology, 2005, 243, 27-34.	1.6	68
175	Resveratrol upregulates heme oxygenase-1 expression via activation of NF-E2-related factor 2 in PC12 cells. Biochemical and Biophysical Research Communications, 2005, 331, 993-1000.	1.0	393
176	Nrf2 as a novel molecular target for chemoprevention. Cancer Letters, 2005, 224, 171-184.	3.2	476
177	Evolutionary conserved N-terminal domain of Nrf2 is essential for the Keap1-mediated degradation of the protein by proteasome. Archives of Biochemistry and Biophysics, 2005, 433, 342-350.	1.4	187
178	Cancer chemopreventive oltipraz generates superoxide anion radical. Archives of Biochemistry and Biophysics, 2005, 435, 83-88.	1.4	27
179	Phylogenies of Glutathione Transferase Families. Methods in Enzymology, 2005, 401, 186-204.	0.4	86
180	Regulation of Nrf2, NF-κB, and AP-1 Signaling Pathways by Chemopreventive Agents. Antioxidants and Redox Signaling, 2005, 7, 1648-1663.	2.5	93
181	Protective Roles of Nrf2 in Disease including Oral Disease. Journal of Oral Biosciences, 2005, 47, 126-134.	0.8	0
182	Bioactive S-alk(en)yl cysteine sulfoxide metabolites in the genus Allium: the chemistry of potential therapeutic agents. Natural Product Reports, 2005, 22, 351.	5.2	372

<b>UTATION RE</b>	PORT

#	Article	IF	CITATIONS
183	Molecular Mechanism of Nrf2 Activation by Oxidative Stress. Antioxidants and Redox Signaling, 2005, 7, 1664-1673.	2.5	327
184	Part of the Series: From dietary antioxidants to regulators in cellular signaling and gene regulation. Free Radical Research, 2006, 40, 775-787.	1.5	69
185	Nrf2 Defends the Lung from Oxidative Stress. Antioxidants and Redox Signaling, 2006, 8, 76-87.	2.5	411
186	Chapter 3 Site-Specific Modification of the Electrophile Sensor Protein Keap1 and Activation of Nrf2-Dependent Gene Expression. Advances in Molecular Toxicology, 2006, 1, 65-83.	0.4	1
187	Multiorgan Autoimmune Inflammation, Enhanced Lymphoproliferation, and Impaired Homeostasis of Reactive Oxygen Species in Mice Lacking the Antioxidant-Activated Transcription Factor Nrf2. American Journal of Pathology, 2006, 168, 1960-1974.	1.9	224
188	Mechanistic Studies of the Nrf2-Keap1 Signaling Pathway. Drug Metabolism Reviews, 2006, 38, 769-789.	1.5	924
189	Reduction in Antioxidant Defenses may Contribute to Ochratoxin A Toxicity and Carcinogenicity. Toxicological Sciences, 2006, 96, 30-39.	1.4	130
190	Nrf2 regulates an adaptive response protecting against oxidative damage following diquat-mediated formation of superoxide anion. Archives of Biochemistry and Biophysics, 2006, 454, 7-15.	1.4	175
191	Antioxidative effects of quercetin-glycosides isolated from the flower buds of Tussilago farfara L Food and Chemical Toxicology, 2006, 44, 1299-1307.	1.8	82
192	Coordination of ER and oxidative stress signaling: The PERK/Nrf2 signaling pathway. International Journal of Biochemistry and Cell Biology, 2006, 38, 317-332.	1.2	499
193	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.	3.2	225
194	Identification of Nrf2-regulated genes induced by chemopreventive isothiocyanate PEITC by oligonucleotide microarray. Life Sciences, 2006, 79, 1944-1955.	2.0	124
195	Structural Basis for Defects of Keap1 Activity Provoked by Its Point Mutations in Lung Cancer. Molecular Cell, 2006, 21, 689-700.	4.5	631
196	The Double-Edged Sword of Nrf2: Subversion of Redox Homeostasis during the Evolution of Cancer. Molecular Cell, 2006, 21, 732-734.	4.5	126
197	In vivo modulation of the Parkinsonian phenotype by Nrf2. NeuroToxicology, 2006, 27, 1094-1100.	1.4	170
198	Dietary flavonoids: Effects on xenobiotic and carcinogen metabolism. Toxicology in Vitro, 2006, 20, 187-210.	1.1	773
199	Identification of novel transcriptional networks in response to treatment with the anticarcinogen 3H-1,2-dithiole-3-thione. Physiological Genomics, 2006, 24, 144-153.	1.0	25
200	Genetische Polymorphismen und SuszeptibilitĤgegenüber der kanzerogenen Wirkung polycyclischer aromatischer Verbindungen: Grundlagen. , 2006, , 148-182.		0

#	ARTICLE Negative regulation of the Nrf1 transcription factor by its N-terminal domain is independent of Keap1:	IF	CITATIONS
202	Nrf1, but not Nrf2, is targeted to the endoplasmic reticulum. Biochemical Journal, 2006, 399, 373-385. Neuronal sensitivity to kainic acid is dependent on the Nrf2-mediated actions of the antioxidant response element. Journal of Neurochemistry, 2006, 98, 1852-1865.	2.1	94
203	Nrf2: A Potential Molecular Target for Cancer Chemoprevention by Natural Compounds. Antioxidants and Redox Signaling, 2006, 8, 99-106.	2.5	337
204	Nrf2–Keap1 regulation of cellular defense mechanisms against electrophiles and reactive oxygen species. Advances in Enzyme Regulation, 2006, 46, 113-140.	2.9	747
205	Association of GSTP1 CpG Islands Hypermethylation with Poor Prognosis in Human Breast Cancers. Breast Cancer Research and Treatment, 2006, 100, 169-176.	1.1	57
206	Ah receptor: Dioxin-mediated toxic responses as hints to deregulated physiologic functions. Biochemical Pharmacology, 2006, 72, 393-404.	2.0	304
207	Activation of coupled Ah receptor and Nrf2 gene batteries by dietary phytochemicals in relation to chemoprevention. Biochemical Pharmacology, 2006, 72, 795-805.	2.0	110
208	Bucillamine induces glutathione biosynthesis via activation of the transcription factor Nrf2. Biochemical Pharmacology, 2006, 72, 455-462.	2.0	18
209	Activation of the Nrf2–ARE signaling pathway: a promising strategy in cancer prevention. BioEssays, 2006, 28, 169-181.	1.2	219
210	Haplotype-Environment Interactions That Regulate the Human Glutathione S-Transferase P1 Promoter. Cancer Research, 2006, 66, 6439-6448.	0.4	20
211	INDUCTION OF GENES FOR METABOLISM AND TRANSPORT BY TRANS-STILBENE OXIDE IN LIVERS OF SPRAGUE-DAWLEY AND WISTAR-KYOTO RATS. Drug Metabolism and Disposition, 2006, 34, 1190-1197.	1.7	16
212	Dysfunctional KEAP1–NRF2 Interaction in Non-Small-Cell Lung Cancer. PLoS Medicine, 2006, 3, e420.	3.9	894
213	Nrf Transcription Factors in Keratinocytes Are Essential for Skin Tumor Prevention but Not for Wound Healing. Molecular and Cellular Biology, 2006, 26, 3773-3784.	1.1	119
214	Accelerated Ovarian Failure Induced by 4-Vinyl Cyclohexene Diepoxide in Nrf2 Null Mice. Molecular and Cellular Biology, 2006, 26, 940-954.	1.1	108
215	Modulation of nuclear factor E2-related factor 2–mediated gene expression in mice liver and small intestine by cancer chemopreventive agent curcumin. Molecular Cancer Therapeutics, 2006, 5, 39-51.	1.9	167
216	Potent Protection against Aflatoxin-Induced Tumorigenesis through Induction of Nrf2-Regulated Pathways by the Triterpenoid 1-[2-Cyano-3-,12-Dioxooleana-1,9(11)-Dien-28-Oyl]Imidazole. Cancer Research, 2006, 66, 2488-2494.	0.4	186
217	Inhibition of 7,12-Dimethylbenz(a)anthracene-Induced Skin Tumorigenesis in C57BL/6 Mice by Sulforaphane Is Mediated by Nuclear Factor E2–Related Factor 2. Cancer Research, 2006, 66, 8293-8296.	0.4	351
218	PI3K, RSK, and mTOR Signal Networks for the GST Gene Regulation. Toxicological Sciences, 2006, 96, 206-213.	1.4	39

#	Article	IF	CITATIONS
219	DJ-1, a cancer- and Parkinson's disease-associated protein, stabilizes the antioxidant transcriptional master regulator Nrf2. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15091-15096.	3.3	725
220	trans-Stilbene Oxide Induces Expression of Genes Involved in Metabolism and Transport in Mouse Liver via CAR and Nrf2 Transcription Factors. Molecular Pharmacology, 2006, 69, 1554-1563.	1.0	36
221	DIFFERENTIAL EFFECTS OF THE OXIDIZED METABOLITES OF OLTIPRAZ ON THE ACTIVATION OF CCAAT/ENHANCER BINDING PROTEIN-β AND NF-E2-RELATED FACTOR-2 FOR GSTA2 GENE INDUCTION. Drug Metabolism and Disposition, 2006, 34, 1353-1360.	1.7	21
222	Potent protective effect of isoimperatorin against aflatoxin B1-inducible cytotoxicity in H4IIE cells: bifunctional effects on glutathione S-transferase and CYP1A. Carcinogenesis, 2006, 27, 2483-2490.	1.3	40
223	Heme Oxygenase-1 Protects Gastric Mucosal Cells against Non-steroidal Anti-inflammatory Drugs. Journal of Biological Chemistry, 2006, 281, 33422-33432.	1.6	77
224	Sulforaphane inhibits histone deacetylase in vivo and suppresses tumorigenesis in Apc min mice. FASEB Journal, 2006, 20, 506-508.	0.2	327
225	Arsenic Induces NAD(P)H-quinone Oxidoreductase I by Disrupting the Nrf2·Keap1·Cul3 Complex and Recruiting Nrf2·Maf to the Antioxidant Response Element Enhancer. Journal of Biological Chemistry, 2006, 281, 23620-23631.	1.6	148
226	Nrf1 Is Targeted to the Endoplasmic Reticulum Membrane by an N-terminal Transmembrane Domain. Journal of Biological Chemistry, 2006, 281, 19676-19687.	1.6	138
227	Phenobarbital Treatment Inhibits the Formation of Estradiol-Dependent Mammary Tumors in the August-Copenhagen Irish Rat. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 590-597.	1.3	9
228	Nrf2 Possesses a Redox-sensitive Nuclear Exporting Signal in the Neh5 Transactivation Domain. Journal of Biological Chemistry, 2006, 281, 27251-27263.	1.6	132
229	An Auto-regulatory Loop between Stress Sensors INrf2 and Nrf2 Controls Their Cellular Abundance. Journal of Biological Chemistry, 2007, 282, 36412-36420.	1.6	170
230	Pharmacodynamic characterization of chemopreventive triterpenoids as exceptionally potent inducers of Nrf2-regulated genes. Molecular Cancer Therapeutics, 2007, 6, 154-162.	1.9	268
231	Identification of retinoic acid as an inhibitor of transcription factor Nrf2 through activation of retinoic acid receptor alpha. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19589-19594.	3.3	255
232	Protection against Chromium (VI)-Induced Oxidative Stress and Apoptosis by Nrf2. Recruiting Nrf2 into the Nucleus and Disrupting the Nuclear Nrf2/Keap1 Association. Toxicological Sciences, 2007, 98, 298-309.	1.4	100
233	Disruption of the Keap1-Containing Ubiquitination Complex as an Antioxidant Therapy. Current Topics in Medicinal Chemistry, 2007, 7, 972-978.	1.0	17
234	Interactions of Polyphenolic Compounds with Drug Disposition and Metabolism. Current Drug Metabolism, 2007, 8, 830-838.	0.7	32
235	Chemoprotective and Carcinogenic Effects of tert-Butylhydroquinone and Its Metabolites. Current Drug Metabolism, 2007, 8, 1-7.	0.7	132
236	Divergent Evolution of Human p53 Binding Sites: Cell Cycle Versus Apoptosis. PLoS Genetics, 2007, 3, e127.	1.5	88

#	Article	IF	CITATIONS
237	Enhanced Spontaneous and Benzo(a)pyrene-Induced Mutations in the Lung of Nrf2-Deficient gpt Delta Mice. Cancer Research, 2007, 67, 5643-5648.	0.4	70
238	The relationship between Helicobacter pylori infection and promoter polymorphism of the Nrf2 gene in chronic gastritis. International Journal of Molecular Medicine, 2007, 19, 143.	1.8	23
239	Phytochemical Regulation of UDP-Glucuronosyltransferases: Implications for Cancer Prevention. Nutrition and Cancer, 2007, 59, 121-141.	0.9	40
240	Preclinical Evaluation of Targeting the Nrf2 Pathway by Triterpenoids (CDDO-Im and CDDO-Me) for Protection from LPS-Induced Inflammatory Response and Reactive Oxygen Species in Human Peripheral Blood Mononuclear Cells and Neutrophils. Antioxidants and Redox Signaling, 2007, 9, 1963-1970.	2.5	128
241	Genetic Variability in Iron-Related Oxidative Stress Pathways ( <i>Nrf2, NQ01, NOS3</i> , and <i>HO-1</i> ), Iron Intake, and Risk of Postmenopausal Breast Cancer. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 1784-1794.	1.1	85
242	Keap1 Controls Postinduction Repression of the Nrf2-Mediated Antioxidant Response by Escorting Nuclear Export of Nrf2. Molecular and Cellular Biology, 2007, 27, 6334-6349.	1.1	286
243	Activation of Nuclear Factor (Erythroid-2 Like) Factor 2 by Toxic Bile Acids Provokes Adaptive Defense Responses to Enhance Cell Survival at the Emergence of Oxidative Stress. Molecular Pharmacology, 2007, 72, 1380-1390.	1.0	79
244	Emerging Role of Nrf2 in Protecting Against Hepatic and Gastrointestinal Disease. Toxicologic Pathology, 2007, 35, 459-473.	0.9	257
245	Targeting Carcinogen Metabolism by Dietary Cancer Preventive Compounds. Current Cancer Drug Targets, 2007, 7, 416-424.	0.8	47
246	A genomic screen for activators of the antioxidant response element. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5205-5210.	3.3	168
247	Association between promoter polymorphisms of nuclear factor-erythroid 2-related factor 2 gene and peptic ulcer diseases. International Journal of Molecular Medicine, 2007, 20, 849.	1.8	7
248	The Chemopreventive Effect of Taxifolin Is Exerted through ARE-Dependent Gene Regulation. Biological and Pharmaceutical Bulletin, 2007, 30, 1074-1079.	0.6	90
249	Role of reactive oxygen species in modulation of Nrf2 following ischemic reperfusion injury. Neuroscience, 2007, 147, 53-59.	1.1	192
250	Cell Survival Responses to Environmental Stresses Via the Keap1-Nrf2-ARE Pathway. Annual Review of Pharmacology and Toxicology, 2007, 47, 89-116.	4.2	3,054
251	Regulation of transporter expression in mouse liver, kidney, and intestine during extrahepatic cholestasis. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 637-647.	1.4	67
252	A mutation of Keap1 found in breast cancer impairs its ability to repress Nrf2 activity. Biochemical and Biophysical Research Communications, 2007, 362, 816-821.	1.0	197
253	The potent protective effect of wild ginseng (Panax ginseng C.A. Meyer) against benzo[α]pyrene-induced toxicity through metabolic regulation of CYP1A1 and GSTs. Journal of Ethnopharmacology, 2007, 112, 568-576.	2.0	58
254	ERRÎ <sup>2</sup> : A potent inhibitor of Nrf2 transcriptional activity. Molecular and Cellular Endocrinology, 2007, 278, 52-62.	1.6	44

#	Article	IF	CITATIONS
255	The Nrf2-ARE pathway: A potential therapeutic target for neurodegenerative diseases. International Congress Series, 2007, 1302, 143-153.	0.2	7
256	Endoplasmic reticulum association and Nâ€linked glycosylation of the human Nrf3 transcription factor. FEBS Letters, 2007, 581, 5401-5406.	1.3	33
257	Functional Properties of Carotenoids in Human Health. International Journal of Food Properties, 2007, 10, 201-230.	1.3	165
258	Functional polymorphisms in the transcription factor NRF2 in humans increase the risk of acute lung injury. FASEB Journal, 2007, 21, 2237-2246.	0.2	325
259	Identification of the Highly Reactive Cysteine 151 in the Chemopreventive Agent-Sensor Keap1 Protein is Method-Dependent. Chemical Research in Toxicology, 2007, 20, 1878-1884.	1.7	75
260	Increased colonic inflammatory injury and formation of aberrant crypt foci in Nrf2â€deficient mice upon dextran sulfate treatment. International Journal of Cancer, 2007, 121, 1883-1891.	2.3	177
261	Carnosic acid from rosemary extracts: a potential chemoprotective agent against aflatoxin B1. Anin vitro study. Journal of Applied Toxicology, 2007, 27, 152-159.	1.4	72
262	Oxidative and electrophilic stress induces multidrug resistance-associated protein transporters via the nuclear factor-E2-related factor-2 transcriptional pathway. Hepatology, 2007, 46, 1597-1610.	3.6	275
263	Piperine protects cisplatin-induced apoptosis via heme oxygenase-1 induction in auditory cells. Journal of Nutritional Biochemistry, 2007, 18, 615-622.	1.9	64
264	Increased susceptibility to hepatocarcinogenicity of Nrf2-deficient mice exposed to 2-amino-3-methylimidazo[4,5-f]quinoline. Cancer Science, 2007, 98, 19-24.	1.7	69
265	Carcinogenesis and transcriptional regulation through Maf recognition elements. Cancer Science, 2007, 98, 135-139.	1.7	37
266	Keap1 eye on the target: chemoprevention of liver cancer. Acta Pharmacologica Sinica, 2007, 28, 1331-1342.	2.8	55
267	Cancer chemoprevention by phytochemicals: potential molecular targets, biomarkers and animal models. Acta Pharmacologica Sinica, 2007, 28, 1409-1421.	2.8	125
268	Coordinate regulation of Phase I and II xenobiotic metabolisms by the Ah receptor and Nrf2. Biochemical Pharmacology, 2007, 73, 1853-1862.	2.0	291
269	Nrf2-mediated protection against 6-hydroxydopamine. Brain Research, 2007, 1144, 192-201.	1.1	215
270	Elemental selenium at nano size possesses lower toxicity without compromising the fundamental effect on selenoenzymes: Comparison with selenomethionine in mice. Free Radical Biology and Medicine, 2007, 42, 1524-1533.	1.3	592
271	Molecular mechanism of human Nrf2 activation and degradation: Role of sequential phosphorylation by protein kinase CK2. Free Radical Biology and Medicine, 2007, 42, 1797-1806.	1.3	181
272	Role of Nrf2 in protection against intracerebral hemorrhage injury in mice. Free Radical Biology and Medicine, 2007, 43, 408-414.	1.3	198

#	Article	IF	CITATIONS
273	Role of increased expression of the proteasome in the protective effects of sulforaphane against hydrogen peroxide-mediated cytotoxicity in murine neuroblastoma cells. Free Radical Biology and Medicine, 2007, 43, 809-817.	1.3	125
274	Interactions of the major metabolite of the cancer chemopreventive drug oltipraz with cytochrome c: A novel pathway for cancer chemoprevention. Free Radical Biology and Medicine, 2007, 43, 1076-1085.	1.3	18
275	Induction of Nrf2-regulated genes by 3H-1, 2-dithiole-3-thione through the ERK signaling pathway in murine keratinocytes. European Journal of Pharmacology, 2007, 577, 17-27.	1.7	56
276	Nrf2 protects human bladder urothelial cells from arsenite and monomethylarsonous acid toxicity. Toxicology and Applied Pharmacology, 2007, 225, 206-213.	1.3	91
277	Diallyl Disulfide and Diallyl Trisulfide Up-Regulate the Expression of the π Class of GlutathioneS-Transferase via an AP-1-Dependent Pathway. Journal of Agricultural and Food Chemistry, 2007, 55, 1019-1026.	2.4	61
278	The Effects and Mechanisms of Mitochondrial Nutrient α-Lipoic Acid on Improving Age-Associated Mitochondrial and Cognitive Dysfunction: An Overview. Neurochemical Research, 2008, 33, 194-203.	1.6	219
279	Molecular mechanisms of natural products in chemoprevention: Induction of cytoprotective enzymes by Nrf2. Molecular Nutrition and Food Research, 2008, 52 Suppl 1, S84-94.	1.5	117
280	Identification, Synthesis, and Enzymology of Nonâ€natural Glucosinolate Chemopreventive Candidates. ChemBioChem, 2008, 9, 729-747.	1.3	55
281	Differences in gene expression and benzo[a]pyreneâ€induced DNA adduct formation in the liver of three strains of female mice with identical <i>AhR<sup>b2</sup></i> genotype treated with 2,3,7,8â€ŧetrachlorodibenzoâ€ <i>p</i> â€dioxin and/or benzo[a]pyrene. Journal of Applied Toxicology, 2008, 28, 724-733.	1.4	10
282	Induction of drug metabolism enzymes and transporters by oltipraz in rats. Journal of Biochemical and Molecular Toxicology, 2008, 22, 128-135.	1.4	12
283	The hepatotoxic metabolite of acetaminophen directly activates the Keap1-Nrf2 cell defense system. Hepatology, 2008, 48, 1292-1301.	3.6	116
284	The Nrf2–Keap1 defence pathway: Role in protection against drug-induced toxicity. Toxicology, 2008, 246, 24-33.	2.0	304
285	hPMC2 is required for recruiting an ERÎ <sup>2</sup> coactivator complex to mediate transcriptional upregulation of NQO1 and protection against oxidative DNA damage by tamoxifen. Oncogene, 2008, 27, 6376-6384.	2.6	13
286	The role of Nrf2 in increased reactive oxygen species and DNA damage in prostate tumorigenesis. Oncogene, 2008, 27, 4353-4362.	2.6	167
287	Regulatory potential for concerted modulation of Nrf2- and Nfkb1-mediated gene expression in in inflammation and carcinogenesis. British Journal of Cancer, 2008, 99, 2070-2082.	2.9	143
288	Impaired liver regeneration in Nrf2 knockout mice: role of ROS-mediated insulin/IGF-1 resistance. EMBO Journal, 2008, 27, 212-223.	3.5	235
289	Biological activity of lycopene metabolites: implications for cancer prevention. Nutrition Reviews, 2008, 66, 667-683.	2.6	165
290	Polymeric black tea polyphenols induce phase II enzymes via Nrf2 in mouse liver and lungs. Free Radical Biology and Medicine, 2008, 44, 1897-1911	1.3	73

#	Article	IF	CITATIONS
291	Cinnamoyl-based Nrf2-activators targeting human skin cell photo-oxidative stress. Free Radical Biology and Medicine, 2008, 45, 385-395.	1.3	87
292	Arsenic-induced malignant transformation of human keratinocytes: Involvement of Nrf2. Free Radical Biology and Medicine, 2008, 45, 651-658.	1.3	151
293	Disruption of Nrf2 enhances susceptibility to airway inflammatory responses induced by low-dose diesel exhaust particles in mice. Clinical Immunology, 2008, 128, 366-373.	1.4	62
294	Induction of Mrp3 and Mrp4 transporters during acetaminophen hepatotoxicity is dependent on Nrf2. Toxicology and Applied Pharmacology, 2008, 226, 74-83.	1.3	134
295	Further insight into the impact of sodium selenite on selenoenzymes: High-dose selenite enhances hepatic thioredoxin reductase 1 activity as a consequence of liver injury. Toxicology Letters, 2008, 176, 223-229.	0.4	25
296	Dual roles of Nrf2 in cancer. Pharmacological Research, 2008, 58, 262-270.	3.1	586
297	Nrf2 as a Master Redox Switch in Turning on the Cellular Signaling Involved in the Induction of Cytoprotective Genes by Some Chemopreventive Phytochemicals. Planta Medica, 2008, 74, 1526-1539.	0.7	696
298	Small Maf Proteins in Mammalian Gene Control: Mere Dimerization Partners or Dynamic Transcriptional Regulators?. Journal of Molecular Biology, 2008, 376, 913-925.	2.0	133
299	Negative feedback regulation of lipopolysaccharide-induced inducible nitric oxide synthase gene expression by heme oxygenase-1 induction in macrophages. Molecular Immunology, 2008, 45, 2106-2115.	1.0	96
300	Nrf2 signaling: An adaptive response pathway for protection against environmental toxic insults. Mutation Research - Reviews in Mutation Research, 2008, 659, 31-39.	2.4	459
301	(â^')-Epigallocatechin gallate induces Nrf2-mediated antioxidant enzyme expression via activation of PI3K and ERK in human mammary epithelial cells. Archives of Biochemistry and Biophysics, 2008, 476, 171-177.	1.4	254
302	Nrf2 regulates the alternative first exons of CD36 in macrophages through specific antioxidant response elements. Archives of Biochemistry and Biophysics, 2008, 477, 139-145.	1.4	83
303	Ochratoxin A carcinogenicity involves a complex network of epigenetic mechanisms. Toxicon, 2008, 52, 195-202.	0.8	89
304	Activation of Nrf2 in Defense against Cadmium-Induced Oxidative Stress. Chemical Research in Toxicology, 2008, 21, 1375-1383.	1.7	126
305	Combined action and regulation of phase II enzymes and multidrug resistance proteins in multidrug resistance in cancer. Cancer Treatment Reviews, 2008, 34, 505-520.	3.4	100
306	Modulation of Nrf2-mediated antioxidant and detoxifying enzyme induction by the green tea polyphenol EGCG. Food and Chemical Toxicology, 2008, 46, 1271-1278.	1.8	429
307	Cell Cycle Regulation by Oncogenic Tyrosine Kinases in Myeloid Neoplasias: From Molecular Redox Mechanisms to Health Implications. Antioxidants and Redox Signaling, 2008, 10, 1813-1848.	2.5	53
308	Elemental Selenium at Nano Size (Nano-Se) as a Potential Chemopreventive Agent with Reduced Risk of Selenium Toxicity: Comparison with Se-Methylselenocysteine in Mice. Toxicological Sciences, 2008, 101, 22-31.	1.4	446

#	Article	IF	CITATIONS
309	Xenobiotic-Activated Receptors: From Transcription to Drug Metabolism to Disease. Chemical Research in Toxicology, 2008, 21, 1651-1671.	1.7	75
310	Protective Effects of an Extract of Young Radish ( <i>Raphanus sativus L</i> ) Cultivated with Sulfur (Sulfur-Radish Extract) and of Sulforaphane on Carbon Tetrachloride-Induced Hepatotoxicity. Bioscience, Biotechnology and Biochemistry, 2008, 72, 1176-1182.	0.6	48
311	Nrf2 enhances resistance of cancer cells to chemotherapeutic drugs, the dark side of Nrf2. Carcinogenesis, 2008, 29, 1235-1243.	1.3	691
312	Role of Nrf2 and Oxidative stress on Fenofibrate-Induced Hepatocarcinogenesis in Rats. Toxicological Sciences, 2008, 106, 339-349.	1.4	14
313	Targeting Transcription Factors for Cancer Prevention—the Case of Nrf2. Cancer Prevention Research, 2008, 1, 153-155.	0.7	17
314	The cytoprotective Nrf2 transcription factor controls insulin receptor signaling in the regenerating liver. Cell Cycle, 2008, 7, 874-878.	1.3	42
315	High-throughput screening of chemopreventive compounds targeting Nrf2. , 2008, , .		0
316	Persistent Induction of Hepatic and Pulmonary Phase II Enzymes by 3-Methylcholanthrene in Rats. Toxicological Sciences, 2008, 102, 337-344.	1.4	17
317	NF-E2-Related Factor 2 Inhibits Lipid Accumulation and Oxidative Stress in Mice Fed a High-Fat Diet. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 655-664.	1.3	222
318	Activating Transcription Factor 3 Is a Novel Repressor of the Nuclear Factor Erythroid-Derived 2–Related Factor 2 (Nrf2)–Regulated Stress Pathway. Cancer Research, 2008, 68, 364-368.	0.4	81
319	Dithiolethiones for cancer chemoprevention: where do we stand?. Molecular Cancer Therapeutics, 2008, 7, 3470-3479.	1.9	102
320	Oridonin Confers Protection against Arsenic-Induced Toxicity through Activation of the Nrf2-Mediated Defensive Response. Environmental Health Perspectives, 2008, 116, 1154-1161.	2.8	89
321	Is cancer a disease of abnormal cellular metabolism? New angles on an old idea. Genetics in Medicine, 2008, 10, 767-777.	1.1	192
322	Cancer related mutations in <i>NRF2</i> impair its recognition by Keap1-Cul3 E3 ligase and promote malignancy. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13568-13573.	3.3	634
323	Nrf2 mediates cancer protection but not prolongevity induced by caloric restriction. Proceedings of the United States of America, 2008, 105, 2325-2330.	3.3	207
324	Dietary Cancer Chemopreventive Agents – Targeting Inflammation and Nrf2 Signaling Pathway. Planta Medica, 2008, 74, 1540-1547.	0.7	62
325	The Nrf2 Activator Oltipraz Also Activates the Constitutive Androstane Receptor. Drug Metabolism and Disposition, 2008, 36, 1716-1721.	1.7	45
327	Phosphorylation of Nrf2 at Multiple Sites by MAP Kinases Has a Limited Contribution in Modulating the Nrf2-Dependent Antioxidant Response. PLoS ONE, 2009, 4, e6588.	1.1	297

#	Article	IF	CITATIONS
328	Oxidized Metabolites of Oltipraz Exert Cytoprotective Effects against Arachidonic Acid through AMP-Activated Protein Kinase-Dependent Cellular Antioxidant Effect and Mitochondrial Protection. Drug Metabolism and Disposition, 2009, 37, 1187-1197.	1.7	24
329	Nrf2 Activation Enhances Biliary Excretion of Sulfobromophthalein by Inducing Glutathione-S-Transferase Activity. Toxicological Sciences, 2009, 109, 24-30.	1.4	17
330	Induction of Mouse UDP-Glucuronosyltransferase mRNA Expression in Liver and Intestine by Activators of Aryl-Hydrocarbon Receptor, Constitutive Androstane Receptor, Pregnane X Receptor, Peroxisome Proliferator-Activated Receptor α, and Nuclear Factor Erythroid 2-Related Factor 2. Drug Metabolism and Disposition, 2009, 37, 847-856.	1.7	138
331	Reactive Oxygen Species Are Not Required for an Arsenic Trioxide-induced Antioxidant Response or Apoptosis. Journal of Biological Chemistry, 2009, 284, 12886-12895.	1.6	34
332	Antioxidant Responses and NRF2 in Synergistic Developmental Toxicity of PAHs in Zebrafish. Toxicological Sciences, 2009, 109, 217-227.	1.4	110
333	Cul3 overexpression depletes Nrf2 in breast cancer and is associated with sensitivity to carcinogens, to oxidative stress, and to chemotherapy. Molecular Cancer Therapeutics, 2009, 8, 2432-2440.	1.9	89
334	Introducing the "TCDD-Inducible AhR-Nrf2 Gene Battery― Toxicological Sciences, 2009, 111, 238-246.	1.4	228
335	Role of hepatitis B virus X repression of C/EBPβ activity in the down-regulation of glutathioneS-transferase A2 gene: implications in other phase II detoxifying enzyme expression. Xenobiotica, 2009, 39, 182-192.	0.5	10
336	NRF2 Cysteine Residues Are Critical for Oxidant/Electrophile-Sensing, Kelch-Like ECH-Associated Protein-1-Dependent Ubiquitination-Proteasomal Degradation, and Transcription Activation. Molecular Pharmacology, 2009, 76, 1265-1278.	1.0	137
337	Acetylation of Nrf2 by p300/CBP Augments Promoter-Specific DNA Binding of Nrf2 during the Antioxidant Response. Molecular and Cellular Biology, 2009, 29, 2658-2672.	1.1	340
338	The Flavonoid, Eriodictyol, Induces Long-term Protection in ARPE-19 Cells through Its Effects on Nrf2 Activation and Phase 2 Gene Expression. , 2009, 50, 2398.		103
339	Antioxidant-induced modification of INrf2 cysteine 151 and PKC-δ-mediated phosphorylation of Nrf2 serine 40 are both required for stabilization and nuclear translocation of Nrf2 and increased drug resistance. Journal of Cell Science, 2009, 122, 4452-4464.	1.2	180
340	Genetic versus chemoprotective activation of Nrf2 signaling: overlapping yet distinct gene expression profiles between Keap1 knockout and triterpenoid-treated mice. Carcinogenesis, 2009, 30, 1024-1031.	1.3	243
341	Dietary Sulforaphane-Rich Broccoli Sprouts Reduce Colonization and Attenuate Gastritis in <i>Helicobacter pylori</i> –Infected Mice and Humans. Cancer Prevention Research, 2009, 2, 353-360.	0.7	228
342	CDDO-Im protects from acetaminophen hepatotoxicity through induction of Nrf2-dependent genes. Toxicology and Applied Pharmacology, 2009, 236, 109-114.	1.3	96
343	Nrf2 protects against As(III)-induced damage in mouse liver and bladder. Toxicology and Applied Pharmacology, 2009, 240, 8-14.	1.3	86
344	NRF2 and KEAP1 mutations: permanent activation of an adaptive response in cancer. Trends in Biochemical Sciences, 2009, 34, 176-188.	3.7	764
345	Oleanolic acid activates Nrf2 and protects from acetaminophen hepatotoxicity via Nrf2-dependent and Nrf2-independent processes. Biochemical Pharmacology, 2009, 77, 1273-1282	2.0	159

		CITATION REPORT		
#	Article		IF	CITATIONS
346	Nrf2 promotes neuronal cell differentiation. Free Radical Biology and Medicine, 2009, 4	7, 867-879.	1.3	83
347	Nrf2:INrf2 (Keap1) signaling in oxidative stress. Free Radical Biology and Medicine, 200	9, 47, 1304-1309.	1.3	1,359
348	5,6-Dihydrocyclopenta[c][1,2]-dithiole-3(4H)-thione is a promising cancer chemopreve urinary bladder. Chemico-Biological Interactions, 2009, 180, 119-126.	ntive agent in the	1.7	14
349	Protective mechanisms of 3-caffeoyl, 4-dihydrocaffeoyl quinic acid from Salicornia herb tert-butyl hydroperoxide-induced oxidative damage. Chemico-Biological Interactions, 20	acea against 009, 181, 366-376.	1.7	48
350	Nrf2 plays an important role in coordinated regulation of Phase II drug metabolism enzy III drug transporters. Biopharmaceutics and Drug Disposition, 2009, 30, 345-355.	ymes and Phase	1.1	155
351	Physiological effects of broccoli consumption. Phytochemistry Reviews, 2009, 8, 283-2	98.	3.1	185
352	Transcribe to Survive: Transcriptional Control of Antioxidant Defense Programs for Neuroprotection in Parkinson's Disease. Antioxidants and Redox Signaling, 2009, 1	.1, 509-528.	2.5	88
354	Nrf2 is critical in defense against high glucose-induced oxidative damage in cardiomyoc of Molecular and Cellular Cardiology, 2009, 46, 47-58.	ytes. Journal	0.9	225
355	Transcription Factor Nrf2 Plays a Pivotal Role in Protection Against Traumatic Brain Inju Acute Intestinal Mucosal Injury in Mice. Journal of Surgical Research, 2009, 157, 251-26	ry-Induced 50.	0.8	34
356	Direct Interaction between Nrf2 and p21Cip1/WAF1 Upregulates the Nrf2-Mediated Ar Response. Molecular Cell, 2009, 34, 663-673.	ntioxidant	4.5	544
357	Upregulation of cellular glutathione by 3H-1,2-dithiole-3-thione as a possible treatment protecting against acrolein-induced neurocytotoxicity. NeuroToxicology, 2009, 30, 1-9.	strategy for	1.4	51
358	Biological Activities of Carotenoid Metabolites. , 2009, , 383-408.			5
359	Modulation of Intracellular Signalling Pathways by Carotenoids. , 2009, , 211-234.			9
360	Oxidative Metabolites of Lycopene and Their Biological Functions. , 2009, , 417-435.			2
361	Bile Acid-Induced Elevated Oxidative Stress in the Absence of Farnesoid X Receptor. Bic Pharmaceutical Bulletin, 2009, 32, 172-178.	ological and	0.6	38
362	Inhibition of AP-1 and MAPK signaling and activation of Nrf2/ARE pathway by quercitrin Journal of Oncology, 2009, 36, .	. International	1.4	7
363	Nutrigenomic Perspectives on Cancer Chemoprevention with Anti-Inflammatory and Ar Phytochemicals: NF-κB and Nrf2 Signaling Pathways as Potential Targets. , 2010, , 175-	ntioxidant 197.		0
364	Identification of topological determinants in the N-terminal domain of transcription fac control its orientation in the endoplasmic reticulum membrane. Biochemical Journal, 20 497-510.	tor Nrf1 that )10, 430,	1.7	52

#	Article	IF	CITATIONS
365	Cancer Chemoprevention Mechanisms Mediated Through the Keap1–Nrf2 Pathway. Antioxidants and Redox Signaling, 2010, 13, 1713-1748.	2.5	476
366	Therapeutic Potential of Dietary Polyphenols against Brain Ageing and Neurodegenerative Disorders. Advances in Experimental Medicine and Biology, 2010, 698, 27-35.	0.8	36
367	Nrf2-ARE stress response mechanism: A control point in oxidative stress-mediated dysfunctions and chronic inflammatory diseases. Free Radical Research, 2010, 44, 1267-1288.	1.5	250
368	Putative chemopreventive molecules can increase Nrf2-regulated cell defense in some human cancer cell lines, resulting in resistance to common cytotoxic therapies. Cancer Chemotherapy and Pharmacology, 2010, 66, 467-474.	1.1	52
369	Antioxidant enzymatically modified isoquercitrin or melatonin supplementation reduces oxidative stress-mediated hepatocellular tumor promotion of oxfendazole in rats. Archives of Toxicology, 2010, 84, 143-153.	1.9	40
370	Hydroxytyrosol protects against oxidative damage by simultaneous activation of mitochondrial biogenesis and phase II detoxifying enzyme systems in retinal pigment epithelial cells. Journal of Nutritional Biochemistry, 2010, 21, 1089-1098.	1.9	140
371	Nrf2 target genes are induced under marginal selenium-deficiency. Genes and Nutrition, 2010, 5, 297-307.	1.2	81
372	Enhancement of mitomycin C-induced apoptosis in Nrf2-deficient human colon cancer cells. Molecular and Cellular Toxicology, 2010, 6, 51-56.	0.8	8
373	Effects of atmospheric pollutants on the Nrf2 survival pathway. Environmental Science and Pollution Research, 2010, 17, 369-382.	2.7	48
374	Mutant mouse models of oxidative stress. Transgenic Research, 2010, 19, 155-164.	1.3	23
375	Transcriptional responses to oxidative stress: Pathological and toxicological implications. , 2010, 125, 376-393.		217
376	ROS signaling, oxidative stress and Nrf2 in pancreatic beta-cell function. Toxicology and Applied Pharmacology, 2010, 244, 77-83.	1.3	291
377	Nrf2 signaling and cell survival. Toxicology and Applied Pharmacology, 2010, 244, 37-42.	1.3	339
378	Nrf2 protects against airway disorders. Toxicology and Applied Pharmacology, 2010, 244, 43-56.	1.3	202
379	Targeting NRF2 signaling for cancer chemoprevention. Toxicology and Applied Pharmacology, 2010, 244, 66-76.	1.3	263
380	Nrf2 in toxicology and pharmacology: The good, the bad and the ugly?. Toxicology and Applied Pharmacology, 2010, 244, 1-3.	1.3	14
381	Nrf2 the rescue: Effects of the antioxidative/electrophilic response on the liver. Toxicology and Applied Pharmacology, 2010, 244, 57-65.	1.3	337
382	Cinnamaldehydes inhibit thioredoxin reductase and induce Nrf2: potential candidates for cancer therapy and chemoprevention. Free Radical Biology and Medicine, 2010, 48, 98-111.	1.3	131

#	Article	IF	CITATIONS
383	Degree of roasting is the main determinant of the effects of coffee on NF-κB and EpRE. Free Radical Biology and Medicine, 2010, 48, 1218-1227.	1.3	62
384	HIF-1α signaling is augmented during intermittent hypoxia by induction of the Nrf2 pathway in NOX1-expressing adenocarcinoma A549 cells. Free Radical Biology and Medicine, 2010, 48, 1626-1635.	1.3	126
385	Knockout of the transcription factor NRF2 disrupts spermatogenesis in an age-dependent manner. Free Radical Biology and Medicine, 2010, 49, 1368-1379.	1.3	173
386	Alterations in tumor biomarker GSTP gene methylation patterns induced by prenatal exposure to PFOS. Toxicology, 2010, 274, 57-64.	2.0	41
387	Expression of NRF2, a cytoprotective protein, in gastric carcinomas. Apmis, 2010, 118, 613-614.	0.9	2
388	Increased cell migration and plasticity in Nrf2-deficient cancer cell lines. Oncogene, 2010, 29, 3703-3714.	2.6	88
390	Prevention of Lung Cancer: Future Perspective with Natural Compounds. Tuberculosis and Respiratory Diseases, 2010, 69, 1.	0.7	6
391	Neuroprotection through Stimulation of Mitochondrial Antioxidant Protein Expression. Journal of Alzheimer's Disease, 2010, 20, S427-S437.	1.2	33
392	Nrf2-deficiency creates a responsive microenvironment for metastasis to the lung. Carcinogenesis, 2010, 31, 1833-1843.	1.3	181
393	Ajoene, a Stable Garlic By-Product, Has an Antioxidant Effect through Nrf2-Mediated Glutamate-Cysteine Ligase Induction in HepG2 Cells and Primary Hepatocytes. Journal of Nutrition, 2010, 140, 1211-1219.	1.3	74
394	Critical Cysteine Residues of Kelch-Like ECH-Associated Protein 1 in Arsenic Sensing and Suppression of Nuclear Factor Erythroid 2-Related Factor 2. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 66-75.	1.3	63
395	The Ubiquitin-conjugating Enzyme UbcM2 Can Regulate the Stability and Activity of the Antioxidant Transcription Factor Nrf2. Journal of Biological Chemistry, 2010, 285, 23064-23074.	1.6	59
396	Arsenic-Specific Stem Cell Selection During Malignant Transformation. Journal of the National Cancer Institute, 2010, 102, 638-649.	3.0	85
397	The Keap1-Nrf2 Cellular Defense Pathway: Mechanisms of Regulation and Role in Protection Against Drug-Induced Toxicity. Handbook of Experimental Pharmacology, 2010, , 233-266.	0.9	82
398	Regulation of NF-E2-Related Factor 2 Signaling for Cancer Chemoprevention: Antioxidant Coupled with Antiinflammatory. Antioxidants and Redox Signaling, 2010, 13, 1679-1698.	2.5	170
399	<i>Ginkgo Biloba</i> Extract Induces Gene Expression Changes in Xenobiotics Metabolism and the Myc-Centered Network. OMICS A Journal of Integrative Biology, 2010, 14, 75-90.	1.0	42
400	High Levels of Nrf2 Determine Chemoresistance in Type II Endometrial Cancer. Cancer Research, 2010, 70, 5486-5496.	0.4	251
401	Nuclear Factor Erythroid 2-Related Factor 2 Deletion Impairs Glucose Tolerance and Exacerbates Hyperglycemia in Type 1 Diabetic Mice. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 140-151.	1.3	91

#	Article	IF	CITATIONS
402	Genetic Analysis of Cytoprotective Functions Supported by Graded Expression of Keap1. Molecular and Cellular Biology, 2010, 30, 3016-3026.	1.1	198
403	The Nrf2-Keap1-ARE Signaling Pathway: The Regulation and Dual Function of Nrf2 in Cancer. Antioxidants and Redox Signaling, 2010, 13, 1623-1626.	2.5	154
404	An Autoregulatory Loop between Nrf2 and Cul3-Rbx1 Controls Their Cellular Abundance. Journal of Biological Chemistry, 2010, 285, 21349-21358.	1.6	59
405	Interaction between Oxidative Stress Sensor Nrf2 and Xenobiotic-activated Aryl Hydrocarbon Receptor in the Regulation of the Human Phase II Detoxifying UDP-glucuronosyltransferase 1A10. Journal of Biological Chemistry, 2010, 285, 5993-6002.	1.6	111
406	Physical and Functional Interaction of Sequestosome 1 with Keap1 Regulates the Keap1-Nrf2 Cell Defense Pathway. Journal of Biological Chemistry, 2010, 285, 16782-16788.	1.6	222
407	Modification in Oxidative Stress, Inflammation, and Lipoprotein Assembly in Response to Hepatocyte Nuclear Factor 41± Knockdown in Intestinal Epithelial Cells. Journal of Biological Chemistry, 2010, 285, 40448-40460.	1.6	52
408	Expression of ABCG2 (BCRP) Is Regulated by Nrf2 in Cancer Cells That Confers Side Population and Chemoresistance Phenotype. Molecular Cancer Therapeutics, 2010, 9, 2365-2376.	1.9	161
409	Extract of Oregano, Coffee, Thyme, Clove, and Walnuts Inhibits NF-κB in Monocytes and in Transgenic Reporter Mice. Cancer Prevention Research, 2010, 3, 653-663.	0.7	56
410	The Nrf2 System as a Potential Target for the Development of Indirect Antioxidants. Molecules, 2010, 15, 7266-7291.	1.7	380
411	Review of Molecular Mechanisms Involved in the Activation of the Nrf2-ARE Signaling Pathway by Chemopreventive Agents. Methods in Molecular Biology, 2010, 647, 37-74.	0.4	210
412	Restoration of leukotriene B4-12-hydroxydehydrogenase/15- oxo-prostaglandin 13-reductase (LTBDH/PGR) expression inhibits lung cancer growth in vitro and in vivo. Lung Cancer, 2010, 68, 161-169.	0.9	15
413	Antioxidant and mitochondrial protective effects of oxidized metabolites of oltipraz. Expert Opinion on Drug Metabolism and Toxicology, 2010, 6, 213-224.	1.5	16
414	Cytochrome P450 2A5 Constitutive Expression and Induction by Heavy Metals Is Dependent on Redox-Sensitive Transcription Factor Nrf2 in Liver. Chemical Research in Toxicology, 2010, 23, 977-985.	1.7	45
415	Nrf2: friend or foe for chemoprevention?. Carcinogenesis, 2010, 31, 90-99.	1.3	412
416	Global Downstream Pathway Analysis Reveals a Dependence of Oncogenic NF-E2–Related Factor 2 Mutation on the mTOR Growth Signaling Pathway. Cancer Research, 2010, 70, 9095-9105.	0.4	106
417	Butein Up-Regulates the Expression of the π Class of Clutathione <i>S</i> -Transferase in Rat Primary Hepatocytes through the ERK/AP-1 Pathway. Journal of Agricultural and Food Chemistry, 2010, 58, 8994-9000.	2.4	12
418	Identification of a Novel Macrophage Phenotype That Develops in Response to Atherogenic Phospholipids via Nrf2. Circulation Research, 2010, 107, 737-746.	2.0	472
419	Discovery of the Negative Regulator of Nrf2, Keap1: A Historical Overview. Antioxidants and Redox Signaling, 2010, 13, 1665-1678.	2.5	444

#	Article	IF	CITATIONS
420	Gene expression profiling in male B6C3F1 mouse livers exposed to kava identifies – Changes in drug metabolizing genes and potential mechanisms linked to kava toxicity. Food and Chemical Toxicology, 2010, 48, 686-696.	1.8	28
421	Nuclear Redox Signaling. Antioxidants and Redox Signaling, 2010, 12, 713-742.	2.5	72
422	When NRF2 Talks, Who's Listening?. Antioxidants and Redox Signaling, 2010, 13, 1649-1663.	2.5	528
423	Stress-Activated Cap'n'collar Transcription Factors in Aging and Human Disease. Science Signaling, 2010, 3, re3.	1.6	660
424	Nrf2, a Guardian of Healthspan and Gatekeeper of Species Longevity. Integrative and Comparative Biology, 2010, 50, 829-843.	0.9	200
425	Bio-Farms for Nutraceuticals. Advances in Experimental Medicine and Biology, 2010, , .	0.8	12
426	Inflammation, Cytokines, Immune Response, Apolipoprotein E, Cholesterol, and Oxidative Stress in Alzheimer Disease: Therapeutic Implications. Rejuvenation Research, 2010, 13, 301-313.	0.9	83
428	Keap1 is a forked-stem dimer structure with two large spheres enclosing the intervening, double glycine repeat, and C-terminal domains. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2842-2847.	3.3	199
429	Gene Expression Profiling as an Initial Approach for Mechanistic Studies of Toxicity and Tumorigenicity of Herbal Plants and Herbal Dietary Supplements. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2010, 28, 60-87.	2.9	21
430	Methylmercury Induces Acute Oxidative Stress, Altering Nrf2 Protein Level in Primary Microglial Cells. Toxicological Sciences, 2010, 116, 590-603.	1.4	99
431	Structure and Function Relationship Study of Allium Organosulfur Compounds on Upregulating the Pi Class of Glutathione <i>S</i> -Transferase Expression. Journal of Agricultural and Food Chemistry, 2011, 59, 3398-3405.	2.4	13
432	Heme Oxygenase-1 Protects Human Melanocytes from H2O2-Induced Oxidative Stress via the Nrf2-ARE Pathway. Journal of Investigative Dermatology, 2011, 131, 1420-1427.	0.3	147
433	Inhibition of LXRα-Dependent Steatosis and Oxidative Injury by Liquiritigenin, a Licorice Flavonoid, as Mediated with Nrf2 Activation. Antioxidants and Redox Signaling, 2011, 14, 733-745.	2.5	21
434	Mechanisms of induction of cytosolic and microsomal glutathione transferase (CST) genes by xenobiotics and pro-inflammatory agents. Drug Metabolism Reviews, 2011, 43, 92-137.	1.5	178
438	Cancer and diet: How are they related?. Free Radical Research, 2011, 45, 864-879.	1.5	50
439	Antioxidants in Foods: State of the Science Important to the Food Industry. Journal of Agricultural and Food Chemistry, 2011, 59, 6837-6846.	2.4	286
440	Chemical Carcinogenesis. , 2011, , .		11
441	Nrf2 regulates ferroportin 1-mediated iron efflux and counteracts lipopolysaccharide-induced ferroportin 1 mRNA suppression in macrophages. Archives of Biochemistry and Biophysics, 2011, 508, 101-109	1.4	162

#	Article	IF	CITATIONS
442	Role of sulforaphane in the anti-initiating mechanism of lung carcinogenesis in vivo by modulating the metabolic activation and detoxification of benzo(a)pyrene. Biomedicine and Pharmacotherapy, 2011, 65, 9-16.	2.5	41
443	miR-200a Regulates Nrf2 Activation by Targeting Keap1 mRNA in Breast Cancer Cells. Journal of Biological Chemistry, 2011, 286, 40725-40733.	1.6	268
444	Repeated transient sulforaphane stimulation in astrocytes leads to prolonged Nrf2-mediated gene expression and protection from superoxide-induced damage. Neuropharmacology, 2011, 60, 343-353.	2.0	69
445	The Keap1–Nrf2 system as an in vivo sensor for electrophiles. Nitric Oxide - Biology and Chemistry, 2011, 25, 153-160.	1.2	164
446	Basic Principles and Emerging Concepts in the Redox Control of Transcription Factors. Antioxidants and Redox Signaling, 2011, 15, 2335-2381.	2.5	493
447	Comparison of the Antioxidant Effects of Diallyl Sulfide, Capsaicin, Gingerol and Sulforaphane in H2O2-Stressed HepG2 Cells. The Korean Journal of Nutrition, 2011, 44, 488.	1.0	3
448	NRF2 Activation Restores Disease Related Metabolic Deficiencies in Olfactory Neurosphere-Derived Cells from Patients with Sporadic Parkinson's Disease. PLoS ONE, 2011, 6, e21907.	1.1	81
449	Association of Keap1 and Nrf2 Genetic Mutations and Polymorphisms With Endometrioid Endometrial Adenocarcinoma Survival. International Journal of Gynecological Cancer, 2011, 21, 1428-1435.	1.2	33
450	Nfe2l3 (Nrf3) deficiency predisposes mice to T-cell lymphoblastic lymphoma. Blood, 2011, 117, 2005-2008.	0.6	37
451	Nuclear Factor E2–Related Factor 2–Mediated Induction of NAD(P)H:Quinone Oxidoreductase 1 by 3,5-Dimethoxy-trans-stilbene. Journal of Pharmacological Sciences, 2011, 116, 89-96.	1.1	12
452	Molecular mechanisms of the Keap1-Nrf2 pathway in stress response and cancer evolution. Genes To Cells, 2011, 16, 123-140.	0.5	1,215
453	Nrf2 degron-fused reporter system: a new tool for specific evaluation of Nrf2 inducers. Genes To Cells, 2011, 16, 406-415.	0.5	19
454	Nrf2â€mediated liver protection by sauchinone, an antioxidant lignan, from acetaminophen toxicity through the PKCl´â€GSK3l² pathway. British Journal of Pharmacology, 2011, 163, 1653-1665.	2.7	61
455	Mitochondrial genome depletion dysregulates bile acid―and paracetamolâ€induced expression of the transporters Mdr1, Mrp1 and Mrp4 in liver cells. British Journal of Pharmacology, 2011, 162, 1686-1699.	2.7	32
456	NRF2, cancer and calorie restriction. Oncogene, 2011, 30, 505-520.	2.6	115
457	Effect of NFE2L2 Genetic Polymorphism on the Association Between Oral Estrogen Therapy and the Risk of Venous Thromboembolism in Postmenopausal Women. Clinical Pharmacology and Therapeutics, 2011, 89, 60-64.	2.3	22
458	Cruciferous Vegetable Phytochemical Sulforaphane Affects Phase II Enzyme Expression and Activity in Rat Cardiomyocytes through Modulation of Akt Signaling Pathway. Journal of Food Science, 2011, 76, H175-81.	1.5	46
459	Participation of covalent modification of Keap1 in the activation of Nrf2 by tert-butylbenzoquinone, an electrophilic metabolite of butylated hydroxyanisole. Toxicology and Applied Pharmacology, 2011, 255, 32-39	1.3	81

#	Article	IF	CITATIONS
460	The impact of redox and thiol status on the bone marrow: Pharmacological intervention strategies. , 2011, 129, 172-184.		26
461	The role of glutathione S-transferase P in signaling pathways and S-glutathionylation in cancer. Free Radical Biology and Medicine, 2011, 51, 299-313.	1.3	192
462	NRF2 deficiency reduces life span of mice administered thoracic irradiation. Free Radical Biology and Medicine, 2011, 51, 1175-1183.	1.3	55
463	Effects of heme oxygenase-1 on induction and development of chemically induced squamous cell carcinoma in mice. Free Radical Biology and Medicine, 2011, 51, 1717-1726.	1.3	43
464	Anti-angiogenic effects of dietary isothiocyanates: Mechanisms of action and implications for human health. Biochemical Pharmacology, 2011, 81, 327-336.	2.0	60
465	Pharmacodynamics of curcumin as DNA hypomethylation agent in restoring the expression of Nrf2 via promoter CpGs demethylation. Biochemical Pharmacology, 2011, 82, 1073-1078.	2.0	213
466	The cap'n'collar transcription factor Nrf2 mediates both intrinsic resistance to environmental stressors and an adaptive response elicited by chemopreventive agents that determines susceptibility to electrophilic xenobiotics. Chemico-Biological Interactions, 2011, 192, 37-45.	1.7	42
467	Glutathione Peroxidase 2 and Its Role in Cancer. , 2011, , 271-282.		2
468	Inhibitor of Nrf2 (INrf2 or Keap1) Protein Degrades Bcl-xL via Phosphoglycerate Mutase 5 and Controls Cellular Apoptosis. Journal of Biological Chemistry, 2011, 286, 44542-44556.	1.6	53
469	MiR-28 regulates Nrf2 expression through a Keap1-independent mechanism. Breast Cancer Research and Treatment, 2011, 129, 983-991.	1.1	239
470	The cytoprotective role of the Keap1–Nrf2 pathway. Archives of Toxicology, 2011, 85, 241-272.	1.9	830
471	Nrf2: control of sensitivity to carcinogens. Archives of Toxicology, 2011, 85, 273-284.	1.9	202
472	Modulation of Nrf2/ARE Pathway by Food Polyphenols: A Nutritional Neuroprotective Strategy for Cognitive and Neurodegenerative Disorders. Molecular Neurobiology, 2011, 44, 192-201.	1.9	325
473	The protective role of Nrf2 in cadmium-induced DNA damage. Molecular and Cellular Toxicology, 2011, 7, 61-66.	0.8	16
474	Evaluation of Nrf2 and IGF-1 expression in benign, premalignant and malignant gastric lesions. Pathology Research and Practice, 2011, 207, 169-173.	1.0	23
475	A Systems Pharmacology Analysis of Major Chemotherapy Combination Regimens Used in Gastric Cancer Treatment: Predicting Potential New Protein Targets and Drugs. Current Cancer Drug Targets, 2011, 11, 849-869.	0.8	16
476	Potential Interactions of Carotenoids with Other Bioactive Food Components in the Prevention of Chronic Diseases. Current Bioactive Compounds, 2011, 7, 243-261.	0.2	16
477	Nutritional Antioxidants and Adaptive Cell Responses: An Update. Current Molecular Medicine, 2011, 11, 770-789.	0.6	123

#	Article	IF	CITATIONS
478	Aflatoxin: A 50-Year Odyssey of Mechanistic and Translational Toxicology. Toxicological Sciences, 2011, 120, S28-S48.	1.4	519
479	Lack of Maternal Glutamate Cysteine Ligase Modifier Subunit (Gclm) Decreases Oocyte Glutathione Concentrations and Disrupts Preimplantation Development in Mice. Endocrinology, 2011, 152, 2806-2815.	1.4	56
480	KPNA6 (Importin α7)-Mediated Nuclear Import of Keap1 Represses the Nrf2-Dependent Antioxidant Response. Molecular and Cellular Biology, 2011, 31, 1800-1811.	1.1	73
481	Brusatol enhances the efficacy of chemotherapy by inhibiting the Nrf2-mediated defense mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1433-1438.	3.3	543
482	Carnosic Acid Induces the NAD(P)H: Quinone Oxidoreductase 1 Expression in Rat Clone 9 Cells through the p38/Nuclear Factor Erythroid-2 Related Factor 2 Pathway. Journal of Nutrition, 2011, 141, 2119-2125.	1.3	41
483	The novel Nrf2-interacting factor KAP1 regulates susceptibility to oxidative stress by promoting the Nrf2-mediated cytoprotective response. Biochemical Journal, 2011, 436, 387-397.	1.7	24
484	Sulforaphane Enhances Protection and Repair of Gastric Mucosa Against Oxidative stress In Vitro, and Demonstrates Anti-inflammatory Effects on Helicobacter pyloriInfected Gastric Mucosae in Mice and Human Subjects. Current Pharmaceutical Design, 2011, 17, 1532-1540.	0.9	48
485	Regulation of <i>KEAP1</i> expression by promoter methylation in malignant gliomas and association with patient's outcome. Epigenetics, 2011, 6, 317-325.	1.3	94
486	Frequent epigenetics inactivation of KEAP1 gene in non-small cell lung cancer. Epigenetics, 2011, 6, 710-719.	1.3	126
487	Src Subfamily Kinases Regulate Nuclear Export and Degradation of Transcription Factor Nrf2 to Switch Off Nrf2-mediated Antioxidant Activation of Cytoprotective Gene Expression. Journal of Biological Chemistry, 2011, 286, 28821-28834.	1.6	73
488	Zerumbone Induces Heme Oxygenase-1 Expression in Mouse Skin and Cultured Murine Epidermal Cells through Activation of Nrf2. Cancer Prevention Research, 2011, 4, 860-870.	0.7	58
489	Novel Function of Transcription Factor Nrf2 as an Inhibitor of RON Tyrosine Kinase Receptor-mediated Cancer Cell Invasion. Journal of Biological Chemistry, 2011, 286, 32115-32122.	1.6	28
490	A defect in Nrf2 signaling constitutes a mechanism for cellular stress hypersensitivity in a genetic rat model of type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E1119-E1129.	1.8	67
491	Long Isoforms of NRF1 Contribute to Arsenic-Induced Antioxidant Response in Human Keratinocytes. Environmental Health Perspectives, 2011, 119, 56-62.	2.8	76
492	Isothiocyanates Reduce Mercury Accumulation via an Nrf2-Dependent Mechanism during Exposure of Mice to Methylmercury. Environmental Health Perspectives, 2011, 119, 1117-1122.	2.8	90
493	Procyanidins from Wild Grape (Vitis amurensis) Seeds Regulate ARE-Mediated Enzyme Expression via Nrf2 Coupled with p38 and PI3K/Akt Pathway in HepG2 Cells. International Journal of Molecular Sciences, 2012, 13, 801-818.	1.8	53
494	Nutraceuticals and Cancer. , 2012, , .		7
495	The Yin and Yang of Nrf2-Regulated Selenoproteins in Carcinogenesis. International Journal of Cell Biology, 2012, 2012, 1-8.	1.0	57

#	Article	IF	CITATIONS
496	Cross-Regulations among NRFs and KEAP1 and Effects of their Silencing on Arsenic-Induced Antioxidant Response and Cytotoxicity in Human Keratinocytes. Environmental Health Perspectives, 2012, 120, 583-589.	2.8	53
497	Identification of Novel microRNAs in Post-Transcriptional Control of Nrf2 Expression and Redox Homeostasis in Neuronal, SH-SY5Y Cells. PLoS ONE, 2012, 7, e51111.	1.1	167
498	Molecular Basis of Electrophilic and Oxidative Defense: Promises and Perils of Nrf2. Pharmacological Reviews, 2012, 64, 1055-1081.	7.1	265
499	Caveolin-1 Inhibits Expression of Antioxidant Enzymes through Direct Interaction with Nuclear Erythroid 2 p45-related Factor-2 (Nrf2). Journal of Biological Chemistry, 2012, 287, 20922-20930.	1.6	71
500	Resveratrol Inhibits Paraquat-Induced Oxidative Stress and Fibrogenic Response by Activating the Nuclear Factor Erythroid 2-Related Factor 2 Pathway. Journal of Pharmacology and Experimental Therapeutics, 2012, 342, 81-90.	1.3	117
501	Up-Regulation of Human Prostaglandin Reductase 1 Improves the Efficacy of Hydroxymethylacylfulvene, an Antitumor Chemotherapeutic Agent. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 426-433.	1.3	34
502	Activation of the Nuclear Factor E2-Related Factor 2/Antioxidant Response Element Pathway Is Neuroprotective after Spinal Cord Injury. Journal of Neurotrauma, 2012, 29, 936-945.	1.7	77
503	The Role of Sulfhydryl Reactivity of Small Molecules for the Activation of the KEAP1/NRF2 Pathway and the Heat Shock Response. Scientifica, 2012, 2012, 1-19.	0.6	24
504	Nrf2/ARE Signaling Pathway: Key Mediator in Oxidative Stress and Potential Therapeutic Target in ALS. Neurology Research International, 2012, 2012, 1-7.	0.5	156
505	The Keap1–Nrf2 system in cancers: stress response and anabolic metabolism. Frontiers in Oncology, 2012, 2, 200.	1.3	305
506	Nrf2–MafG heterodimers contribute globally to antioxidant and metabolic networks. Nucleic Acids Research, 2012, 40, 10228-10239.	6.5	317
507	Molecular and genomic approach for understanding the gene-environment interaction between Nrf2 deficiency and carcinogenic nickel-induced DNA damage. Oncology Reports, 2012, 28, 1959-1967.	1.2	34
508	Inhibition and induction of glutathione S-transferases by flavonoids: possible pharmacological and toxicological consequences. Drug Metabolism Reviews, 2012, 44, 267-286.	1.5	54
509	The Keap1–Nrf2 Cell Defense Pathway – A Promising Therapeutic Target?. Advances in Pharmacology, 2012, 63, 43-79.	1.2	142
510	A Perspective on Dietary Phytochemicals and Cancer Chemoprevention: Oxidative Stress, Nrf2, and Epigenomics. Topics in Current Chemistry, 2012, 329, 133-162.	4.0	113
511	Nrf2-dependent Induction of Proteasome and Pa28αβ Regulator Are Required for Adaptation to Oxidative Stress. Journal of Biological Chemistry, 2012, 287, 10021-10031.	1.6	240
512	Genetic variation in the Nrf2 promoter associates with defective spermatogenesis in humans. Journal of Molecular Medicine, 2012, 90, 1333-1342.	1.7	43
513	Do antioxidants impair signaling by reactive oxygen species and lipid oxidation products?. FEBS Letters, 2012, 586, 3767-3770.	1.3	111

#	Article	IF	CITATIONS
514	Keap1–Nrf2 Signaling: A Target for Cancer Prevention by Sulforaphane. Topics in Current Chemistry, 2012, 329, 163-177.	4.0	272
515	2-Deoxy-D-glucose and 6-aminonicotinamide-mediated Nrf2 down regulation leads to radiosensitization of malignant cells via abrogation of GSH-mediated defense. Free Radical Research, 2012, 46, 1446-1457.	1.5	27
517	Mutant p53R273H attenuates the expression of phase 2 detoxifying enzymes and promotes the survival of cells with high ROS levels. Journal of Cell Science, 2012, 125, 5578-86.	1.2	91
518	A transgenic mouse model for monitoring oxidative stress. Scientific Reports, 2012, 2, 229.	1.6	71
519	Does Nrf2 Contribute to p53-Mediated Control of Cell Survival and Death?. Antioxidants and Redox Signaling, 2012, 17, 1670-1675.	2.5	87
520	Role of Nutraceuticals on Nrf2 and Its Implication in Cancer Prevention. , 2012, , 61-75.		0
521	Mechanisms for Countering Oxidative Stress and Damage in Retinal Pigment Epithelium. International Review of Cell and Molecular Biology, 2012, 298, 135-177.	1.6	101
522	Cancer Chemoprevention by Carotenoids. Molecules, 2012, 17, 3202-3242.	1.7	447
523	Sulforaphane Enhances Protection and Repair of Gastric Mucosa against Oxidative Stress via Nrf2-Dependent Mechanisms. Frontiers of Gastrointestinal Research, 2012, , 170-180.	0.1	3
524	Regulation of Inflammation-Mediated Chronic Diseases by Botanicals. Advances in Botanical Research, 2012, , 57-132.	0.5	12
525	Cancer Cell Signaling Pathways Targeted by Spice-Derived Nutraceuticals. Nutrition and Cancer, 2012, 64, 173-197.	0.9	162
526	DNA methylation based biomarkers: Practical considerations and applications. Biochimie, 2012, 94, 2314-2337.	1.3	139
527	Nrf2: A Potential Target for New Therapeutics in Liver Disease. Clinical Pharmacology and Therapeutics, 2012, 92, 340-348.	2.3	193
528	NRF2 and cancer: the good, the bad and the importance of context. Nature Reviews Cancer, 2012, 12, 564-571.	12.8	876
529	Analysis of the role of Nrf2 in the expression of liver proteins in mice using two-dimensional gel-based proteomics. Pharmacological Reports, 2012, 64, 680-697.	1.5	37
530	Activation and Detoxification Enzymes. , 2012, , .		29
531	Effect of Coffee Combining Green Coffee Bean Constituents with Typical Roasting Products on the Nrf2/ARE Pathway in Vitro and in Vivo. Journal of Agricultural and Food Chemistry, 2012, 60, 9631-9641.	2.4	51
533	Antioxidants as Antidepressants. CNS Drugs, 2012, 26, 477-490.	2.7	144

#	Article	IF	CITATIONS
534	Expression of UDP-glucuronosyltransferase 1A, nuclear factor erythroid-E2-related factor 2 and Kelch-like ECH-associated protein 1 in colonic mucosa, adenoma and adenocarcinoma tissue. Oncology Letters, 2012, 4, 925-930.	0.8	10
535	Nrf2 Activation, an Innovative Therapeutic Alternative in Cerebral Ischemia. , 0, , .		2
536	Nrf2 Protein Up-regulates Antiapoptotic Protein Bcl-2 and Prevents Cellular Apoptosis. Journal of Biological Chemistry, 2012, 287, 9873-9886.	1.6	416
537	Nrf2 links epidermal barrier function with antioxidant defense. EMBO Molecular Medicine, 2012, 4, 364-379.	3.3	153
538	17βâ€Estradiol regulates the expression of antioxidant enzymes in myocardial cells by increasing Nrf2 translocation. Journal of Biochemical and Molecular Toxicology, 2012, 26, 264-269.	1.4	35
539	Synergy between sulforaphane and selenium in the up-regulation of thioredoxin reductase and protection against hydrogen peroxide-induced cell death in human hepatocytes. Food Chemistry, 2012, 133, 300-307.	4.2	22
540	4-Ketopinoresinol, a novel naturally occurring ARE activator, induces the Nrf2/HO-1 axis and protects against oxidative stress-induced cell injury via activation of PI3K/AKT signaling. Free Radical Biology and Medicine, 2012, 52, 1054-1066.	1.3	113
541	15-Deoxy-Δ12,14-prostaglandin J2 modulates manganese-induced activation of the NF-κB, Nrf2, and PI3K pathways in astrocytes. Free Radical Biology and Medicine, 2012, 52, 1067-1074.	1.3	36
542	Ah receptor- and Nrf2-gene battery members: Modulators of quinone-mediated oxidative and endoplasmic reticulum stress. Biochemical Pharmacology, 2012, 83, 833-838.	2.0	27
543	Natural isothiocyanates: Genotoxic potential versus chemoprevention. Mutation Research - Reviews in Mutation Research, 2012, 750, 107-131.	2.4	97
544	Induction of activation of the antioxidant response element and stabilization of Nrf2 by 3-(3-pyridylmethylidene)-2-indolinone (PMID) confers protection against oxidative stress-induced cell death. Toxicology and Applied Pharmacology, 2012, 259, 227-235.	1.3	19
545	Dual effects of phloretin on aflatoxin B <sub>1</sub> metabolism: Activation and detoxification of aflatoxin B <sub>1</sub> . BioFactors, 2012, 38, 34-43.	2.6	24
546	The Cystine/Glutamate Antiporter System x <sub>c</sub> <sup>â^'</sup> in Health and Disease: From Molecular Mechanisms to Novel Therapeutic Opportunities. Antioxidants and Redox Signaling, 2013, 18, 522-555.	2.5	689
547	Superoxide Dismutase Administration, A Potential Therapy Against Oxidative Stress Related Diseases: Several Routes of Supplementation and Proposal of an Original Mechanism of Action. Pharmaceutical Research, 2013, 30, 2718-2728.	1.7	122
548	A novel shogaol analog suppresses cancer cell invasion and inflammation, and displays cytoprotective effects through modulation of NF-I®B and Nrf2-Keap1 signaling pathways. Toxicology and Applied Pharmacology, 2013, 272, 852-862.	1.3	38
550	Borneol alleviates oxidative stress via upregulation of Nrf2 and Bcl-2 in SH-SY5Y cells. Pharmaceutical Biology, 2013, 51, 30-35.	1.3	39
551	Over-expression of Nrf2 diminishes ethanol-induced oxidative stress and apoptosis in neural crest cells by inducing an antioxidant response. Reproductive Toxicology, 2013, 42, 102-109.	1.3	38
553	Cancer Chemoprevention and Treatment by Diet Therapy. Evidence-based Anticancer Complementary and Alternative Medicine, 2013, , .	0.1	1

#	Article	IF	CITATIONS
554	Cafeteria diet induces obesity and insulin resistance associated with oxidative stress but not with inflammation: improvement by dietary supplementation with a melon superoxide dismutase. Free Radical Biology and Medicine, 2013, 65, 254-261.	1.3	53
555	Nrf2 Prevents Initiation but Accelerates Progression through the Kras Signaling Pathway during Lung Carcinogenesis. Cancer Research, 2013, 73, 4158-4168.	0.4	208
556	The emerging role of the Nrf2–Keap1 signaling pathway in cancer. Genes and Development, 2013, 27, 2179-2191.	2.7	1,044
557	Role of p62/SQSTM1 in liver physiology and pathogenesis. Experimental Biology and Medicine, 2013, 238, 525-538.	1.1	112
558	Redox-Sensitive Transcription Factor Nrf2 Regulates Vascular Smooth Muscle Cell Migration and Neointimal Hyperplasia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 760-768.	1.1	73
559	Exploring the mechanisms of alcohol-related damage in oral mucosa – is oxidative stress associated with the increase in cell proliferation in rat tongue epithelium?. Pharmaceutical Biology, 2013, 51, 160-169.	1.3	5
560	Proteasome dysfunction in <i>Drosophila</i> signals to an Nrf2-dependent regulatory circuit aiming to restore proteostasis and prevent premature aging. Aging Cell, 2013, 12, 802-813.	3.0	98
561	Principles in Redox Signaling: From Chemistry to Functional Significance. Antioxidants and Redox Signaling, 2013, 18, 1557-1593.	2.5	166
562	The transcription factor NFâ€E2â€related Factor 2 (Nrf2): a protooncogene?. FASEB Journal, 2013, 27, 414-423.	0.2	166
563	Dietary flavonoid genistein induces Nrf2 and phase II detoxification gene expression via ERKs and PKC pathways and protects against oxidative stress in Cacoâ€2 cells. Molecular Nutrition and Food Research, 2013, 57, 249-259.	1.5	111
564	The reversal of paraquat-induced mitochondria-mediated apoptosis by cycloartenyl ferulate, the important role of Nrf2 pathway. Experimental Cell Research, 2013, 319, 2845-2855.	1.2	35
565	The Dark Side of Nrf2. World Neurosurgery, 2013, 80, 284-286.	0.7	11
566	Dietary phytochemicals and cancer prevention: Nrf2 signaling, epigenetics, and cell death mechanisms in blocking cancer initiation and progression. , 2013, 137, 153-171.		210
567	Role of Nrf2 in Oxidative Stress and Toxicity. Annual Review of Pharmacology and Toxicology, 2013, 53, 401-426.	4.2	3,261
568	Non-enzymatic post-translational protein modifications and proteostasis network deregulation in carcinogenesis. Journal of Proteomics, 2013, 92, 274-298.	1.2	51
569	Tanshinone I Activates the Nrf2-Dependent Antioxidant Response and Protects Against As(III)-Induced Lung Inflammation <i>In Vitro</i> and <i>In Vivo</i> . Antioxidants and Redox Signaling, 2013, 19, 1647-1661.	2.5	89
570	Identification of aldo-keto reductases as NRF2-target marker genes in human cells. Toxicology Letters, 2013, 218, 39-49.	0.4	91
571	Nuclear Factor (Erythroid-Derived 2)-Like-2 Factor (Nrf2), a Key Regulator of the Antioxidant Response to Protect Against Atherosclerosis and Nonalcoholic Steatohepatitis. Current Diabetes Reports, 2013, 13, 362-371	1.7	95

#	Article	IF	CITATIONS
572	Association Between High Intake of Lycopene-rich Foods and Reduced Risk of Cancer. Evidence-based Anticancer Complementary and Alternative Medicine, 2013, , 141-167.	0.1	1
573	Korean red ginseng extract prevents <scp>APAP</scp> â€induced hepatotoxicity through metabolic enzyme regulation: The role of ginsenoside Rg3, a protopanaxadiol. Liver International, 2013, 33, 1071-1084.	1.9	34
574	The Nuclear Factor Erythroid 2–Related Factor 2 Activator Oltipraz Attenuates Chronic Hypoxia–Induced Cardiopulmonary Alterations in Mice. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 324-333.	1.4	54
575	Oncogenic functions of the transcription factor Nrf2. Free Radical Biology and Medicine, 2013, 65, 750-764.	1.3	176
576	Sulforaphane enhances Nrf2 expression in prostate cancer TRAMP C1 cells through epigenetic regulation. Biochemical Pharmacology, 2013, 85, 1398-1404.	2.0	174
577	Emerging roles of Nrf2 and phase II antioxidant enzymes in neuroprotection. Progress in Neurobiology, 2013, 100, 30-47.	2.8	491
578	Sulforaphane is not an effective antagonist of the human pregnane X-receptor in vivo. Toxicology and Applied Pharmacology, 2013, 266, 122-131.	1.3	33
579	Roles of Keap1–Nrf2 System in Upper Aerodigestive Tract Carcinogenesis. Cancer Prevention Research, 2013, 6, 149-159.	0.7	65
580	Arsenic Inhibits Autophagic Flux, Activating the Nrf2-Keap1 Pathway in a p62-Dependent Manner. Molecular and Cellular Biology, 2013, 33, 2436-2446.	1.1	206
581	Regulatory Nexus of Synthesis and Degradation Deciphers Cellular Nrf2 Expression Levels. Molecular and Cellular Biology, 2013, 33, 2402-2412.	1.1	101
582	Disruption of Nrf2 Synergizes with High Glucose to Cause Heightened Myocardial Oxidative Stress and Severe Cardiomyopathy in Diabetic Mice. Journal of Diabetes & Metabolism, 2013, 04, .	0.2	20
583	Emerging Role of Nrf2 in Adipocytes and Adipose Biology. Advances in Nutrition, 2013, 4, 62-66.	2.9	55
584	Differential hepatic <scp>GSTA</scp> 2 expression of arylalkyl isothiocyanates in vivo and in vitro: The molecular mechanism of gene induction by phenethyl isothiocyanate. Molecular Nutrition and Food Research, 2013, 57, 2223-2232.	1.5	3
585	Oral administration of the flavanol (â^')â€epicatechin bolsters endogenous protection against focal ischemia through the <scp>N</scp> rf2 cytoprotective pathway. European Journal of Neuroscience, 2013, 38, 3659-3668.	1.2	50
586	Sulforaphane protects against ethanolâ€induced oxidative stress and apoptosis in neural crest cells by the induction of <scp>N</scp> rf2â€mediated antioxidant response. British Journal of Pharmacology, 2013, 169, 437-448.	2.7	69
587	Cultivated Sea Lettuce is a Multiorgan Protector from Oxidative and Inflammatory Stress by Enhancing the Endogenous Antioxidant Defense System. Cancer Prevention Research, 2013, 6, 989-999.	0.7	17
588	miR-125b transcriptionally increased by Nrf2 inhibits AhR repressor, which protects kidney from cisplatin-induced injury. Cell Death and Disease, 2013, 4, e899-e899.	2.7	77
589	The Role of Tumor Necrosis Factor-α and Interferon-γ in Regulating Angiomotin-Like Protein 1 Expression in Lung Microvascular Endothelial Cells. Allergology International, 2013, 62, 309-322.	1.4	6

#	Article	IF	CITATIONS
590	New Player on An Old Field; the Keap1/Nrf2 Pathway as a Target for Treatment of Type 2 Diabetes and Metabolic Syndrome. Current Diabetes Reviews, 2013, 9, 137-145.	0.6	2
591	Overview on Oxidative Stress, Inflammation, Cancer Initiation/Progression, and How to Prevent Carcinogenesis/Cancer. , 2013, , 3-20.		0
592	SNP (–617C>A) in ARE-Like Loci of the NRF2 Gene: A New Biomarker for Prognosis of Lung Adenocarcinoma in Japanese Non-Smoking Women. PLoS ONE, 2013, 8, e73794.	1.1	40
593	Roles Nrf2 Plays in Myeloid Cells and Related Disorders. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-7.	1.9	84
594	The Amelioration of N-Acetyl-p-Benzoquinone Imine Toxicity by Ginsenoside Rg3: The Role of Nrf2-Mediated Detoxification and Mrp1/Mrp3 Transports. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-11.	1.9	35
595	Natural Antioxidants Exhibit Chemopreventive Characteristics through the Regulation of CNC bâ€Zip Transcription Factors in Estrogenâ€Induced Breast Carcinogenesis. Journal of Biochemical and Molecular Toxicology, 2014, 28, 529-538.	1.4	21
596	Effects of Antioxidants on Periodontal Disease. Oxidative Stress in Applied Basic Research and Clinical Practice, 2014, , 279-305.	0.4	0
597	Genetic or Pharmacologic Activation of Nrf2 Signaling Fails to Protect Against Aflatoxin Genotoxicity in Hypersensitive GSTA3 Knockout Mice. Toxicological Sciences, 2014, 139, 293-300.	1.4	22
598	Genetic polymorphism in the NRF2 gene as a prognosis marker for cancer chemotherapy. Frontiers in Genetics, 2014, 5, 383.	1.1	33
599	De-Differentiation Confers Multidrug Resistance Via Noncanonical PERK-Nrf2 Signaling. PLoS Biology, 2014, 12, e1001945.	2.6	94
600	Plant Extracts of the Family Lauraceae: A Potential Resource for Chemopreventive Agents that Activate the Nuclear Factor-Erythroid 2-Related Factor 2/Antioxidant Response Element Pathway. Planta Medica, 2014, 80, 426-434.	0.7	24
601	Cytoprotection "gone astray'': Nrf2 and its role in cancer. OncoTargets and Therapy, 2014, 7, 1497.	1.0	57
602	<i>Small <scp>MAF</scp></i> genes variants and chronic myeloid leukemia. European Journal of Haematology, 2014, 92, 35-41.	1.1	12
603	Oncogenic KRAS Confers Chemoresistance by Upregulating NRF2. Cancer Research, 2014, 74, 7430-7441.	0.4	237
604	NRF2/Long Noncoding RNA ROR Signaling Regulates Mammary Stem Cell Expansion and Protects against Estrogen Genotoxicity. Journal of Biological Chemistry, 2014, 289, 31310-31318.	1.6	41
605	Bovine embryo survival under oxidativeâ€stress conditions is associated with activity of the NRF2â€mediated oxidativeâ€stressâ€response pathway. Molecular Reproduction and Development, 2014, 81, 497-513.	1.0	70
606	Chemoprevention of photocarcinogenesis by lycopene. Experimental Dermatology, 2014, 23, 874-878.	1.4	23
607	Studies on Periodontal Disease. Oxidative Stress in Applied Basic Research and Clinical Practice, 2014, ,	0.4	0

#	Article	IF	Citations
608	Neurochemical Aspects of Oxidative and Nitrosative Stress. , 2014, , 175-206.		2
609	Oncogenic transformation of mesenchymal stem cells decreases Nrf2 expression favoring in vivo tumor growth and poorer survival. Molecular Cancer, 2014, 13, 20.	7.9	38
610	Inhibitory effect of raphanobrassica on Helicobacter pylori-induced gastritis in Mongolian gerbils. Food and Chemical Toxicology, 2014, 70, 107-113.	1.8	8
611	Requirement and Epigenetics Reprogramming of Nrf2 in Suppression of Tumor Promoter TPA-Induced Mouse Skin Cell Transformation by Sulforaphane. Cancer Prevention Research, 2014, 7, 319-329.	0.7	123
612	Nrf2: bane or blessing in cancer?. Journal of Cancer Research and Clinical Oncology, 2014, 140, 1251-1259.	1.2	49
613	Keap1â€Nrf2 system regulates cell fate determination of hematopoietic stem cells. Genes To Cells, 2014, 19, 239-253.	0.5	51
614	MicroRNA miR-320a modulates induction of HO-1, GCLM and OKL38 by oxidized phospholipids in endothelial cells. Atherosclerosis, 2014, 235, 1-8.	0.4	17
615	Autophagy in drug-induced liver toxicity. Journal of Food and Drug Analysis, 2014, 22, 161-168.	0.9	22
616	Paradoxical Effects of Antioxidants on Cancer. Rejuvenation Research, 2014, 17, 306-311.	0.9	33
617	Nrf2/ARE pathway activation, HO-1 and NQO1 induction by polychlorinated biphenyl quinone is associated with reactive oxygen species and PI3K/AKT signaling. Chemico-Biological Interactions, 2014, 209, 56-67.	1.7	191
618	Regulation of the human thioredoxin gene promoter and its key substrates: A study of functional and putative regulatory elements. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 303-314.	1.1	88
619	Natural product-derived pharmacological modulators of Nrf2/ARE pathway for chronic diseases. Natural Product Reports, 2014, 31, 109-139.	5.2	281
620	Epigenetic DNA Methylation of Antioxidative Stress Regulator <i>NRF2</i> in Human Prostate Cancer. Cancer Prevention Research, 2014, 7, 1186-1197.	0.7	69
621	Iodoacetic Acid Activates Nrf2-Mediated Antioxidant Response <i>in Vitro</i> and <i>in Vivo</i> . Environmental Science & Technology, 2014, 48, 13478-13488.	4.6	43
622	Adaptive Cellular Stress Pathways as Therapeutic Targets of Dietary Phytochemicals: Focus on the Nervous System. Pharmacological Reviews, 2014, 66, 815-868.	7.1	122
623	The effect of resveratrol and its methylthio-derivatives on the Nrf2-ARE pathway in mouse epidermis and HaCaT keratinocytes. Cellular and Molecular Biology Letters, 2014, 19, 500-16.	2.7	17
624	Role of the Keap1–Nrf2 Pathway in Cancer. Advances in Cancer Research, 2014, 122, 281-320.	1.9	134
625	Chemoprevention of dietary digitoflavone on colitis-associated colon tumorigenesis through inducing Nrf2 signaling pathway and inhibition of inflammation. Molecular Cancer, 2014, 13, 48.	7.9	74

#	Article	IF	CITATIONS
626	Myeloid Lineage–Specific Deletion of Antioxidant System Enhances Tumor Metastasis. Cancer Prevention Research, 2014, 7, 835-844.	0.7	81
627	Repeated Nrf2 stimulation using sulforaphane protects fibroblasts from ionizing radiation. Toxicology and Applied Pharmacology, 2014, 276, 188-194.	1.3	28
628	Lack of nrf2 results in progression of proliferative lesions to neoplasms induced by long-term exposure to non-genotoxic hepatocarcinogens involving oxidative stress. Experimental and Toxicologic Pathology, 2014, 66, 19-26.	2.1	15
629	Sub-chronic sulforaphane exposure in CD-1 pregnant mice enhances maternal NADPH quinone oxidoreductase 1 (NQO1) activity and mRNA expression of NQO1, glutathione S-transferase, and glutamate-cysteine ligase: Potential implications for fetal protection against toxicant exposure. Reproductive Toxicology, 2014, 43, 30-37.	1.3	21
630	Sulforaphane Protects from T Cell–Mediated Autoimmune Disease by Inhibition of IL-23 and IL-12 in Dendritic Cells. Journal of Immunology, 2014, 192, 3530-3539.	0.4	68
631	Modulation of NRF2 signaling pathway by nuclear receptors: Implications for cancer. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1875-1885.	1.9	83
632	Regulation of Nrf2—an update. Free Radical Biology and Medicine, 2014, 66, 36-44.	1.3	735
633	Chronic Kidney Disease and Inammation. , 2014, , 179-192.		0
634	The importance of antioxidants which play the role in cellular response against oxidative/nitrosative stress: current state. Nutrition Journal, 2015, 15, 71.	1.5	1,273
635	Molecular mechanisms of Nrf2 regulation and how these influence chemical modulation for disease intervention. Biochemical Society Transactions, 2015, 43, 680-686.	1.6	137
636	Dual regulation of transcription factor Nrf2 by Keap1 and by the combined actions of β-TrCP and GSK-3. Biochemical Society Transactions, 2015, 43, 611-620.	1.6	143
637	Keap1/Nrf2 pathway in the frontiers of cancer and non-cancer cell metabolism. Biochemical Society Transactions, 2015, 43, 639-644.	1.6	62
638	Association of Oxidative Stress and Lipids with Risk Factors of Metabolic Syndrome. , 2015, , 384-407.		0
639	Nuclear factor, erythroid 2-like 2-associated molecular signature predicts lung cancer survival. Scientific Reports, 2015, 5, 16889.	1.6	39
640	Diet and Inflammation in Alzheimer's Disease and Related Chronic Diseases: A Review. Journal of Alzheimer's Disease, 2016, 50, 301-334.	1.2	46
642	Association between the NF-E2 Related Factor 2 Gene Polymorphism and Oxidative Stress, Anti-Oxidative Status, and Newly-Diagnosed Type 2 Diabetes Mellitus in a Chinese Population. International Journal of Molecular Sciences, 2015, 16, 16483-16496.	1.8	40
643	The Dual Role of Nrf2 in Nonalcoholic Fatty Liver Disease: Regulation of Antioxidant Defenses and Hepatic Lipid Metabolism. BioMed Research International, 2015, 2015, 1-10.	0.9	130
644	The Role of Nrf2 in Pathology of Pleomorphic Adenoma in Parotid Gland. Medical Science Monitor, 2015, 21, 1243-1248.	0.5	3

#	Article	IF	CITATIONS
645	Tetrachlorobenzoquinone Activates Nrf2 Signaling by Keap1 Cross-Linking and Ubiquitin Translocation but Not Keap1-Cullin3 Complex Dissociation. Chemical Research in Toxicology, 2015, 28, 765-774.	1.7	20
646	Geraniin exerts cytoprotective effect against cellular oxidative stress by upregulation of Nrf2-mediated antioxidant enzyme expression via PI3K/AKT and ERK1/2 pathway. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1751-1761.	1.1	65
647	Oxidative stress response and Nrf2 signaling in aging. Free Radical Biology and Medicine, 2015, 88, 314-336.	1.3	644
649	Neuroprotective effect of allicin in a rat model of acute spinal cord injury. Life Sciences, 2015, 143, 114-123.	2.0	27
650	Elevated Expression of Nrf-2 and ABCG2 Involved in Multi-drug Resistance of Lung Cancer SP Cells. Drug Research, 2015, 65, 526-531.	0.7	19
651	Aberrantly elevated redox sensing factor Nrf2 promotes cancer stem cell survival via enhanced transcriptional regulation of ABCG2 and Bcl-2/Bmi-1 genes. Oncology Reports, 2015, 34, 2296-2304.	1.2	57
652	Nrf2 is essential for timely M phase entry of replicating hepatocytes during liver regeneration. American Journal of Physiology - Renal Physiology, 2015, 308, G262-G268.	1.6	32
653	Efficacy of prophylactic flavan-3-ol in permanent focal ischemia in 12-mo-old mice. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H583-H591.	1.5	7
654	Nrf2-Dependent Suppression of Azoxymethane/Dextran Sulfate Sodium–Induced Colon Carcinogenesis by the Cinnamon-Derived Dietary Factor Cinnamaldehyde. Cancer Prevention Research, 2015, 8, 444-454.	0.7	62
655	Anti-fatigue effect of Myelophil in a chronic forced exercise mouse model. European Journal of Pharmacology, 2015, 764, 100-108.	1.7	34
656	The complexity of the Nrf2 pathway: beyond the antioxidant response. Journal of Nutritional Biochemistry, 2015, 26, 1401-1413.	1.9	325
657	Sodium fluoride affects zebrafish behaviour and alters mRNA expressions of biomarker genes in the brain: Role of Nrf2/Keap1. Environmental Toxicology and Pharmacology, 2015, 40, 352-359.	2.0	41
658	Pharmacokinetics and pharmacodynamics of 3,3′-diindolylmethane (DIM) in regulating gene expression of phase II drug metabolizing enzymes. Journal of Pharmacokinetics and Pharmacodynamics, 2015, 42, 401-408.	0.8	11
659	Permanent Culture of Macrophages at Physiological Oxygen Attenuates the Antioxidant and Immunomodulatory Properties of Dimethyl Fumarate. Journal of Cellular Physiology, 2015, 230, 1128-1138.	2.0	19
660	Nrf2 and Nrf2-related proteins in development and developmental toxicity: Insights from studies in zebrafish (Danio rerio). Free Radical Biology and Medicine, 2015, 88, 275-289.	1.3	76
661	Reduction of DNA damage induced by titanium dioxide nanoparticles through Nrf2 in vitro and in vivo. Journal of Hazardous Materials, 2015, 298, 310-319.	6.5	41
662	Molecular basis of the Keap1–Nrf2 system. Free Radical Biology and Medicine, 2015, 88, 93-100.	1.3	762
663	Mechanisms of activation of the transcription factor Nrf2 by redox stressors, nutrient cues, and energy status and the pathways through which it attenuates degenerative disease. Free Radical Biology and Medicine, 2015, 88, 108-146	1.3	661

#	Article	IF	Citations
664	Cell line-specific oxidative stress in cellular toxicity: A toxicogenomics-based comparison between liver and colon cell models. Toxicology in Vitro, 2015, 29, 845-855.	1.1	15
665	Sulforaphane protects against acetaminophen-induced hepatotoxicity. Food and Chemical Toxicology, 2015, 80, 193-200.	1.8	75
666	Neuroprotection against 6-OHDA-induced oxidative stress and apoptosis in SH-SY5Y cells by 5,7-Dihydroxychromone: Activation of the Nrf2/ARE pathway. Life Sciences, 2015, 130, 25-30.	2.0	28
667	NRF2/KEAP1 and Wnt/β atenin in the multistep process of liver carcinogenesis in humans and rats. Hepatology, 2015, 62, 677-679.	3.6	20
668	High-intensity Exercise Modifies the Effects of Stanozolol on Brain Oxidative Stress in Rats. International Journal of Sports Medicine, 2015, 36, 984-991.	0.8	13
669	Effects of deletion of the transcription factor Nrf2 and benzo [a]pyrene treatment on ovarian follicles and ovarian surface epithelial cells in mice. Reproductive Toxicology, 2015, 58, 24-32.	1.3	33
670	Studies on Experimental Toxicology and Pharmacology. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , .	0.4	7
671	Aralia taibaiensis Protects Cardiac Myocytes against High Glucose-Induced Oxidative Stress and Apoptosis. The American Journal of Chinese Medicine, 2015, 43, 1159-1175.	1.5	24
672	Long-Term Administration of Fibroblast Growth Factor 21 Prevents Chemically-Induced Hepatocarcinogenesis in Mice. Digestive Diseases and Sciences, 2015, 60, 3032-3043.	1.1	15
673	Novel Nrf2/ARE Activator, <i>trans</i> -Coniferylaldehyde, Induces a HO-1-Mediated Defense Mechanism through a Dual p38α/MAPKAPK-2 and PK-N3 Signaling Pathway. Chemical Research in Toxicology, 2015, 28, 1681-1692.	1.7	26
674	Protein Modifications in Pathogenic Dysregulation of Signaling. , 2015, , .		0
675	Glutamate Cysteine Ligase Modifier Subunit (Gclm) Null Mice Have Increased Ovarian Oxidative Stress and Accelerated Age-Related Ovarian Failure. Endocrinology, 2015, 156, 3329-3343.	1.4	61
676	Phytoestrogens modulate hepcidin expression by Nrf2: Implications for dietary control of iron absorption. Free Radical Biology and Medicine, 2015, 89, 1192-1202.	1.3	31
677	Dual roles of NRF2 in tumor prevention and progression: Possible implications in cancer treatment. Free Radical Biology and Medicine, 2015, 79, 292-299.	1.3	138
678	An overview of the molecular mechanisms and novel roles of Nrf2 in neurodegenerative disorders. Cytokine and Growth Factor Reviews, 2015, 26, 47-57.	3.2	68
679	Redox Modulating NRF2: A Potential Mediator of Cancer Stem Cell Resistance. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	1.9	103
680	The Nrf2/HO-1 Axis in Cancer Cell Growth and Chemoresistance. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	1.9	223
681	TGF- <i>β</i> and Hypoxia/Reoxygenation Promote Radioresistance of A549 Lung Cancer Cells through Activation of Nrf2 and EGFR. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	1.9	21

#	Article	IF	CITATIONS
682	Cullin 3 Ubiquitin Ligases in Cancer Biology: Functions and Therapeutic Implications. Frontiers in Oncology, 2016, 6, 113.	1.3	66
683	Isothiocyanates Are Promising Compounds against Oxidative Stress, Neuroinflammation and Cell Death that May Benefit Neurodegeneration in Parkinson's Disease. International Journal of Molecular Sciences, 2016, 17, 1454.	1.8	43
684	Reduced mRNA expression levels of NFE2L2 are associated with poor outcome in breast cancer patients. BMC Cancer, 2016, 16, 821.	1.1	22
685	Metabolic, autophagic, and mitophagic activities in cancer initiation and progression. Biomedical Journal, 2016, 39, 98-106.	1.4	23
686	The Keap1–Nrf2–ARE Pathway As a Potential Preventive and Therapeutic Target: An Update. Medicinal Research Reviews, 2016, 36, 924-963.	5.0	562
687	Multiple regulations of Keap1/Nrf2 system by dietary phytochemicals. Molecular Nutrition and Food Research, 2016, 60, 1731-1755.	1.5	146
688	Redox signaling: An evolution from free radicals to aging. Free Radical Biology and Medicine, 2016, 97, 398-407.	1.3	130
689	Roles of Nrf2 in drug and chemical toxicity. Current Opinion in Toxicology, 2016, 1, 104-110.	2.6	20
690	Anti-Inammatory Botanical Dietary Supplements for Women's Health: Role in Breast Cancer Prevention?. , 2016, , 552-571.		0
691	Depression accelerates the development of gastric cancer through reactive oxygen species-activated ABL1 (Review). Oncology Reports, 2016, 36, 2435-2443.	1.2	29
692	Loss of Nrf2 abrogates the protective effect of Keap1 downregulation in a preclinical model of cutaneous squamous cell carcinoma. Scientific Reports, 2016, 6, 25804.	1.6	28
693	Nrf2/Keap1 system regulates vascular smooth muscle cell apoptosis for vascular homeostasis: role in neointimal formation after vascular injury. Scientific Reports, 2016, 6, 26291.	1.6	45
694	Cancer, Oxidative Stress, and Metastasis. Cold Spring Harbor Symposia on Quantitative Biology, 2016, 81, 163-175.	2.0	200
695	Elevated expression of Nrf2 mediates multidrug resistance in CD133+ head and neck squamous cell carcinoma stem cells. Oncology Letters, 2016, 12, 4333-4338.	0.8	35
696	Tanshinone IIA protects against acetaminophen-induced hepatotoxicity via activating the Nrf2 pathway. Phytomedicine, 2016, 23, 589-596.	2.3	61
697	NRF2 Intensifies Host Defense Systems to Prevent Lung Carcinogenesis, but After Tumor Initiation Accelerates Malignant Cell Growth. Cancer Research, 2016, 76, 3088-3096.	0.4	85
698	Mitigation of tight junction protein dysfunction in lung microvascular endothelial cells with pitavastatin. Pulmonary Pharmacology and Therapeutics, 2016, 38, 27-35.	1.1	6
699	Effect of isoorientin on intracellular antioxidant defence mechanisms in hepatoma and liver cell lines. Biomedicine and Pharmacotherapy, 2016, 81, 356-362.	2.5	33

#	Article	IF	CITATIONS
700	Rice protein suppresses ROS generation and stimulates antioxidant gene expression via Nrf2 activation in adult rats. Gene, 2016, 585, 256-264.	1.0	32
701	Application of Mass Spectrometry Profiling to Establish Brusatol as an Inhibitor of Global Protein Synthesis. Molecular and Cellular Proteomics, 2016, 15, 1220-1231.	2.5	83
702	Chebulic acid prevents hepatic fibrosis induced by advanced glycation end-products in LX-2 cell by modulating Nrf2 translocation via ERK pathway. Toxicology in Vitro, 2016, 34, 8-15.	1.1	23
703	Nrf2 as a Possible Determinant of the Threshold for Carcinogenesis. , 2016, , 155-170.		0
704	Dual NRF2 paralogs in Coho salmon and their antioxidant response element targets. Redox Biology, 2016, 9, 114-123.	3.9	16
705	The complex role of NRF2 in cancer: A genomic view. Current Opinion in Toxicology, 2016, 1, 37-45.	2.6	10
706	Magnolia officinalis (Hou Po) bark extract stimulates the Nrf2-pathway in hepatocytes and protects against oxidative stress. Journal of Ethnopharmacology, 2016, 193, 657-662.	2.0	30
707	Synthesis and cytotoxicity evaluation of 3-amino-2-hydroxypropoxyisoflavone derivatives. Chinese Journal of Natural Medicines, 2016, 14, 462-472.	0.7	1
708	Genetic polymorphism of the <i>Nrf2</i> promoter region is associated with vitiligo risk in Han Chinese populations. Journal of Cellular and Molecular Medicine, 2016, 20, 1840-1850.	1.6	28
709	Obacunone activates the Nrf2-dependent antioxidant responses. Protein and Cell, 2016, 7, 684-688.	4.8	28
710	Dietary Phytochemicals and Cancer Chemoprevention: A Perspective on Oxidative Stress, Inflammation, and Epigenetics. Chemical Research in Toxicology, 2016, 29, 2071-2095.	1.7	77
711	Nrf2 but not autophagy inhibition is associated with the survival of wild-type epidermal growth factor receptor non-small cell lung cancer cells. Toxicology and Applied Pharmacology, 2016, 310, 140-149.	1.3	14
712	p62/ <scp>SQSTM</scp> 1—Dr. Jekyll and Mr. Hyde that prevents oxidative stress but promotes liver cancer. FEBS Letters, 2016, 590, 2375-2397.	1.3	104
713	Berberine reverses lapatinib resistance of HER2-positive breast cancer cells by increasing the level of ROS. Cancer Biology and Therapy, 2016, 17, 925-934.	1.5	52
714	Aldo-keto reductases are biomarkers of NRF2 activity and are co-ordinately overexpressed in non-small cell lung cancer. British Journal of Cancer, 2016, 115, 1530-1539.	2.9	31
715	Environmental Carcinogens and Risk for Human Liver Cancer. , 2016, , 25-41.		0
716	The Dual Roles of NRF2 in Cancer. Trends in Molecular Medicine, 2016, 22, 578-593.	3.5	508
717	The NRF2 knockout rat: a new animal model to study endothelial dysfunction, oxidant stress, and microvascular rarefaction. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H478, H487	1.5	59

ARTICLE IF CITATIONS # Emerging role of NRF2 in chemoresistance by regulating drug-metabolizing enzymes and efflux 718 1.5 125 transporters. Drug Metabolism Reviews, 2016, 48, 541-567. Prevention of Carcinogen-Induced Oral Cancer by Sulforaphane. Cancer Prevention Research, 2016, 9, 547-557. 720 Recent Insights Into Health Benefits of Carotenoids., 2016, , 473-497. 25 Nrf2 transcriptional derepression from Keap1 by dietary polyphenols. Biochemical and Biophysical Research Communications, 2016, 469, 521-528. Reserpine Inhibit the JB6 P+ Cell Transformation Through Epigenetic Reactivation of Nrf2-Mediated 722 2.2 26 Anti-oxidative Stress Pathway. AAPS Journal, 2016, 18, 659-669. Artemisitene activates the Nrf2â€dependent antioxidant response and protects against bleomycinâ€induced lung injury. FASEB Journal, 2016, 30, 2500-2510. 0.2 Increased Energy Expenditure, Ucp1 Expression, and Resistance to Diet-induced Obesity in Mice Lacking 724 Nuclear Factor-Erythroid-2-related Transcription Factor-2 (Nrf2). Journal of Biological Chemistry, 1.6 63 2016, 291, 7754-7766. Silencing Nrf2 impairs glioma cell proliferation via AMPK-activated mTOR inhibition. Biochemical and 1.0 Biophysical Research Communications, 2016, 469, 665-671. 3-(2-Oxo-2-phenylethylidene)-2,3,6,7-tetrahydro-1H-pyrazino[2,1-a]isoquinolin-4(11bH)-one (compound 1), 726 a novel potent Nrf2/ARE inducer, protects against DSS-induced colitis via inhibiting NLRP3 2.0 50 inflammasome. Biochemical Pharmacology, 2016, 101, 71-86. Epigenetic modifications of triterpenoid ursolic acid in activating Nrf2 and blocking cellular 727 transformation of mouse epidermal cells. Journal of Nutritional Biochemistry, 2016, 33, 54-62. Protocatechualdehyde Protects Against Cerebral Ischemia-Reperfusion-Induced Oxidative Injury Via 728 1.9 80 Protein Kinase Clµ/Nrf2/HO-1 Pathway. Molecular Neurobiology, 2017, 54, 833-845. Nrf2 Weaves an Elaborate Network of Neuroprotection Against Stroke. Molecular Neurobiology, 2017, 729 54, 1440-1455. A comparative assessment of the cytotoxicity and nitric oxide reducing ability of resveratrol, 730 pterostilbene and piceatannol in transformed and normal mouse macrophages. Drug and Chemical 1.2 8 Toxicology, 2017, 40, 36-46. Specificity of Stressâ€Responsive Transcription Factors Nrf2, ATF4, and APâ€1. Journal of Cellular Biochemistry, 2017, 118, 127-140. 1.2 4-Hydroxynonenal metabolites and adducts in pre-carcinogenic conditions and cancer. Free Radical 732 1.3 55 Biology and Medicine, 2017, 111, 196-208. Nuclear lamins and progerin are dispensable for antioxidant Nrf2 response to arsenic and cadmium. Cellular Signalling, 2017, 33, 69-78. Diet phytochemicals and cutaneous carcinoma chemoprevention: A review. Pharmacological Research, 734 3.128 2017, 119, 327-346. KEAP1 and done? Targeting the NRF2 pathway with sulforaphane. Trends in Food Science and Technology, 2017, 69, 257-269.

#	Article	IF	CITATIONS
736	Nrf2 promotes progression of non-small cell lung cancer through activating autophagy. Cell Cycle, 2017, 16, 1053-1062.	1.3	27
737	The role of Nrf2-Keap1 axis in colorectal cancer, progression, and chemoresistance. Tumor Biology, 2017, 39, 101042831770551.	0.8	47
738	Effect of tannery effluent on oxidative status of brain structures and liver of rodents. Environmental Science and Pollution Research, 2017, 24, 15689-15699.	2.7	5
739	Multifaceted Roles of Glutathione and Glutathione-Based Systems in Carcinogenesis and Anticancer Drug Resistance. Antioxidants and Redox Signaling, 2017, 27, 1217-1234.	2.5	79
741	The Keap1–Nrf2 pathway: promising therapeutic target to counteract ROS-mediated damage in cancers and neurodegenerative diseases. Biophysical Reviews, 2017, 9, 41-56.	1.5	286
742	Aldose reductase inhibitor, fidarestat regulates mitochondrial biogenesis via Nrf2/HO-1/AMPK pathway in colon cancer cells. Cancer Letters, 2017, 411, 57-63.	3.2	40
743	Quercetin ameliorates learning and memory via the Nrf2-ARE signaling pathway in d-galactose-induced neurotoxicity in mice. Biochemical and Biophysical Research Communications, 2017, 491, 636-641.	1.0	76
744	Keap1 as the redox sensor of the antioxidant response. Archives of Biochemistry and Biophysics, 2017, 617, 94-100.	1.4	93
745	Aldo-Keto Reductase Regulation by the Nrf2 System: Implications for Stress Response, Chemotherapy Drug Resistance, and Carcinogenesis. Chemical Research in Toxicology, 2017, 30, 162-176.	1.7	59
746	Nrf2 Activation as a Protective Feedback to Limit Cell Death in High Glucoseâ€Exposed Cardiomyocytes. Journal of Cellular Biochemistry, 2017, 118, 1659-1669.	1.2	21
747	Inflammation and airway hyperresponsiveness after chlorine exposure are prolonged by Nrf2 deficiency in mice. Free Radical Biology and Medicine, 2017, 102, 1-15.	1.3	17
748	Nrf2, the Master Regulator of Anti-Oxidative Responses. International Journal of Molecular Sciences, 2017, 18, 2772.	1.8	462
749	Purification, Preliminary Characterization and Hepatoprotective Effects of Polysaccharides from Dandelion Root. Molecules, 2017, 22, 1409.	1.7	49
750	The Role of MicroRNAs in the Chemopreventive Activity of Sulforaphane from Cruciferous Vegetables. Nutrients, 2017, 9, 902.	1.7	20
751	Differential regulation of miRNA and mRNA expression in the myocardium of Nrf2 knockout mice. BMC Genomics, 2017, 18, 509.	1.2	16
752	Conservation of the Keap1-Nrf2 System: An Evolutionary Journey through Stressful Space and Time. Molecules, 2017, 22, 436.	1.7	123
753	Correlation between Oxidative Stress, Nutrition, and Cancer Initiation. International Journal of Molecular Sciences, 2017, 18, 1544.	1.8	281
754	Podophyllotoxin and Rutin Modulates Ionizing Radiation-Induced Oxidative Stress and Apoptotic Cell Death in Mice Bone Marrow and Spleen. Frontiers in Immunology, 2017, 8, 183.	2.2	26

#	Article	IF	CITATIONS
755	NRF2 Is a Potential Modulator of Hyperresistance to Arsenic Toxicity in Stem-Like Keratinocytes. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	1.9	9
756	Antioxidative Effects of Natural Products on Diabetic Cardiomyopathy. Journal of Diabetes Research, 2017, 2017, 1-13.	1.0	22
757	Role of Sulforaphane in Protection of Gastrointestinal Tract Against H. pylori and NSAID-Induced Oxidative Stress. Current Pharmaceutical Design, 2017, 23, 4066-4075.	0.9	35
758	GSH depletion and consequent AKT inhibition contribute to the Nrf2 knockdown-induced decrease in proliferation in glioblastoma U251 cells. Oncology Reports, 2017, 37, 2252-2260.	1.2	8
759	Arsenic Induces p62 Expression to Form a Positive Feedback Loop with Nrf2 in Human Epidermal Keratinocytes: Implications for Preventing Arsenic-Induced Skin Cancer. Molecules, 2017, 22, 194.	1.7	37
760	Taxifolin Activates the Nrf2 Anti-Oxidative Stress Pathway in Mouse Skin Epidermal JB6 P+ Cells through Epigenetic Modifications. International Journal of Molecular Sciences, 2017, 18, 1546.	1.8	47
761	Discovery of a novel Nrf2 inhibitor that induces apoptosis of human acute myeloid leukemia cells. Oncotarget, 2017, 8, 7625-7636.	0.8	31
762	Astilbin ameliorates cisplatin-induced nephrotoxicity through reducing oxidative stress and inflammation. Food and Chemical Toxicology, 2018, 114, 227-236.	1.8	78
763	The Double-Edged Sword Profile of Redox Signaling: Oxidative Events As Molecular Switches in the Balance between Cell Physiology and Cancer. Chemical Research in Toxicology, 2018, 31, 201-210.	1.7	56
764	Suppression of lung inflammation by the methanol extract of Spilanthes acmella Murray is related to differential regulation of NF-1ºB and Nrf2. Journal of Ethnopharmacology, 2018, 217, 89-97.	2.0	17
766	In Vitro-In Vivo Dose Response of Ursolic Acid, Sulforaphane, PEITC, and Curcumin in Cancer Prevention. AAPS Journal, 2018, 20, 19.	2.2	34
767	Red Ginseng Oil Inhibits TPA-Induced Transformation of Skin Epidermal JB6 Cells. Journal of Medicinal Food, 2018, 21, 380-389.	0.8	7
768	Protective effects of a phenolic glycoside compound curculigoside on H 2 O 2 -induced oxidative stress and cytotoxicity in normal human breast epithelial cells. Journal of Functional Foods, 2018, 41, 171-182.	1.6	10
769	Nrf2 deficiency promotes the progression from acute tubular damage to chronic renal fibrosis following unilateral ureteral obstruction. Nephrology Dialysis Transplantation, 2018, 33, 771-783.	0.4	30
770	NRF2 and the Hallmarks of Cancer. Cancer Cell, 2018, 34, 21-43.	7.7	1,016
771	Identification of an Unfavorable Immune Signature in Advanced Lung Tumors from Nrf2-Deficient Mice. Antioxidants and Redox Signaling, 2018, 29, 1535-1552.	2.5	31
772	NRF2 addiction in cancer cells. Cancer Science, 2018, 109, 900-911.	1.7	197
773	Neuroprotective effect of fermented papaya preparation by activation of Nrf2 pathway in astrocytes. Nutritional Neuroscience, 2018, 21, 176-184.	1.5	12

#	Article	IF	CITATIONS
774	The effects of NRF2 modulation on the initiation and progression of chemically and genetically induced lung cancer. Molecular Carcinogenesis, 2018, 57, 182-192.	1.3	89
775	Differential Impact of Flavonoids on Redox Modulation, Bioenergetics, and Cell Signaling in Normal and Tumor Cells: A Comprehensive Review. Antioxidants and Redox Signaling, 2018, 29, 1633-1659.	2.5	39
776	Reactive Oxygen Species and Oncoprotein Signaling-A Dangerous Liaison. Antioxidants and Redox Signaling, 2018, 29, 1553-1588.	2.5	22
777	Nrf2 at the heart of oxidative stress and cardiac protection. Physiological Genomics, 2018, 50, 77-97.	1.0	290
778	Oxidative stress and dietary phytochemicals: Role in cancer chemoprevention and treatment. Cancer Letters, 2018, 413, 122-134.	3.2	400
779	Cancer chemoprevention via activation of proteostatic modules. Cancer Letters, 2018, 413, 110-121.	3.2	29
780	Lycopene Protects Against Spontaneous Ovarian Cancer Formation in Laying Hens. Journal of Cancer Prevention, 2018, 23, 25-36.	0.8	36
781	Sensing Oxidative Stress: The NRF2 Signaling Pathway. , 2018, , 337-351.		0
782	Targeting Crosstalk between Nrf-2, NF-κB and Androgen Receptor Signaling in Prostate Cancer. Cancers, 2018, 10, 352.	1.7	64
783	Regulatory crosstalk between the oxidative stress-related transcription factor Nfe2l2/Nrf2 and mitochondria. Toxicology and Applied Pharmacology, 2018, 359, 24-33.	1.3	172
784	Pterostilbene Reduces Acetaminophen-Induced Liver Injury by Activating the Nrf2 Antioxidative Defense System via the AMPK/Akt/GSK3β Pathway. Cellular Physiology and Biochemistry, 2018, 49, 1943-1958.	1.1	42
785	Apoptotic cell death induced by Z-Ligustilidein human ovarian cancer cells and role of NRF2. Food and Chemical Toxicology, 2018, 121, 631-638.	1.8	23
786	Rapamycin induces the expression of heme oxygenase-1 and peroxyredoxin-1 in normal hepatocytes but not in tumorigenic liver cells. Experimental and Molecular Pathology, 2018, 105, 334-344.	0.9	3
787	Oxysophocarpine Retards the Growth and Metastasis of Oral Squamous Cell Carcinoma by Targeting the Nrf2/HO-1 Axis. Cellular Physiology and Biochemistry, 2018, 49, 1717-1733.	1.1	33
788	Anticancer Activity of Sulforaphane: The Epigenetic Mechanisms and the Nrf2 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	1.9	99
789	Differentiating Antiproliferative and Chemopreventive Modes of Activity for Electronâ€Deficient Aryl Isothiocyanates against Human MCFâ€7 Cells. ChemMedChem, 2018, 13, 1695-1710.	1.6	4
790	Aflatoxins. , 2018, , .		2
791	The KEAP1-NRF2 System: a Thiol-Based Sensor-Effector Apparatus for Maintaining Redox Homeostasis. Physiological Reviews, 2018, 98, 1169-1203.	13.1	1,067

~			~		
	ΙΤΔΤ	$1 \cap N$	17 F	PO	<b>D</b> L
<u> </u>	IIAI		IVL	10	IX I

#	Article	IF	CITATIONS
792	Biomarkers of Exposure, Effect, and Susceptibility. , 2018, , 188-201.		0
793	Antifatigue Potential Activity of <i>Sarcodon imbricatus</i> in Acute Excise-Treated and Chronic Fatigue Syndrome in Mice via Regulation of Nrf2-Mediated Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-13.	1.9	35
794	Autophagy mediates epithelial cancer chemoresistance by reducing p62/SQSTM1 accumulation. PLoS ONE, 2018, 13, e0201621.	1.1	15
795	Quinone Reductases. , 2018, , 233-250.		0
796	Synthetic Lignan Secoisolariciresinol Diglucoside (LGM2605) Reduces Asbestos-Induced Cytotoxicity in an Nrf2-Dependent and -Independent Manner. Antioxidants, 2018, 7, 38.	2.2	16
797	The role of nuclear factor erythroid 2-related factor 2 in hepatoprotective activity of natural products: A review. Food and Chemical Toxicology, 2018, 120, 261-276.	1.8	70
798	Dihydroartemisinin alleviates oxidative stress in bleomycin-induced pulmonary fibrosis. Life Sciences, 2018, 205, 176-183.	2.0	46
799	NFE2-Related Transcription Factor 2 Coordinates Antioxidant Defense with Thyroglobulin Production and Iodination in the Thyroid Gland. Thyroid, 2018, 28, 780-798.	2.4	30
800	Dysregulation of NRF2 in Cancer: from Molecular Mechanisms to Therapeutic Opportunities. Biomolecules and Therapeutics, 2018, 26, 57-68.	1.1	67
801	Induction of REDD1 via AP-1 prevents oxidative stress-mediated injury in hepatocytes. Free Radical Biology and Medicine, 2018, 124, 221-231.	1.3	28
802	Treatment of hepatotoxicity induced by Î <sup>3</sup> -radiation using platelet-rich plasma and/or low molecular weight chitosan in experimental rats. International Journal of Radiation Biology, 2019, 95, 1517-1528.	1.0	0
803	ERK/Nrf2 pathway activation by caffeic acid in HepG2 cells alleviates its hepatocellular damage caused by t-butylhydroperoxide-induced oxidative stress. BMC Complementary and Alternative Medicine, 2019, 19, 139.	3.7	47
804	Flazin as a Promising Nrf2 Pathway Activator. Journal of Agricultural and Food Chemistry, 2019, 67, 12844-12853.	2.4	17
805	Free heme regulates placenta growth factor through NRF2-antioxidant response signaling. Free Radical Biology and Medicine, 2019, 143, 300-308.	1.3	14
806	Emerging Screening Approaches in the Development of Nrf2–Keap1 Protein–Protein Interaction Inhibitors. International Journal of Molecular Sciences, 2019, 20, 4445.	1.8	39
807	Cancer Genetics and Therapeutics. , 2019, , .		6
808	Contribution of Nrf2 Modulation to the Mechanism of Action of Analgesic and Anti-inflammatory Drugs in Pre-clinical and Clinical Stages. Frontiers in Pharmacology, 2018, 9, 1536.	1.6	87
809	Does Bach1 & c-Myc dependent redox dysregulation of Nrf2 & adaptive homeostasis decrease cancer risk in ageing?. Free Radical Biology and Medicine, 2019, 134, 708-714.	1.3	19

#	Article	IF	CITATIONS
810	Trehalose suppresses cadmium-activated Nrf2 signaling pathway to protect against spleen injury. Ecotoxicology and Environmental Safety, 2019, 181, 224-230.	2.9	66
811	(-)-Epigallocatechin-3-gallate and hydroxytyrosol improved antioxidative and anti-inflammatory responses in bovine mammary epithelial cells. Animal, 2019, 13, 2847-2856.	1.3	28
812	MARVELD1 interacting with catalase regulates reactive oxygen species metabolism and mediates the sensitivity to chemotherapeutic drugs in epithelial tumors of the reproductive system. Molecular Carcinogenesis, 2019, 58, 1410-1426.	1.3	5
813	Potential Applications of NRF2 Inhibitors in Cancer Therapy. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-34.	1.9	137
814	From NASH to HCC: current concepts and future challenges. Nature Reviews Gastroenterology and Hepatology, 2019, 16, 411-428.	8.2	872
815	Curcumin induces p53-independent inactivation of Nrf2 during oxidative stress–induced apoptosis. Human and Experimental Toxicology, 2019, 38, 951-961.	1.1	28
816	p62/SQSTM1 and Nrf2 are essential for exerciseâ€mediated enhancement of antioxidant protein expression in oxidative muscle. FASEB Journal, 2019, 33, 8022-8032.	0.2	37
817	Nrf2 in cancers: A doubleâ€edged sword. Cancer Medicine, 2019, 8, 2252-2267.	1.3	289
818	p53 as a hub in cellular redox regulation and therapeutic target in cancer. Journal of Molecular Cell Biology, 2019, 11, 330-341.	1.5	71
819	Enhanced p62-NRF2 Feedback Loop due to Impaired Autophagic Flux Contributes to Arsenic-Induced Malignant Transformation of Human Keratinocytes. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	1.9	28
820	KEAP1/NRF2 axis regulates H2O2-induced apoptosis of pancreatic β-cells. Gene, 2019, 691, 8-17.	1.0	16
821	Ginsenoside Rg1 prevents acetaminophen-induced oxidative stress and apoptosis <i>via</i> Nrf2/ARE signaling pathway. Journal of Asian Natural Products Research, 2019, 21, 782-797.	0.7	13
822	RNAi-mediated knockdown of DJ-1 leads to mitochondrial dysfunction via Akt/GSK-3ß and JNK signaling pathways in dopaminergic neuron-like cells. Brain Research Bulletin, 2019, 146, 228-236.	1.4	23
823	A physiological concentration of luteolin induces phase II drug-metabolizing enzymes through the ERK1/2 signaling pathway in HepG2 cells. Archives of Biochemistry and Biophysics, 2019, 663, 151-159.	1.4	27
825	Modulating NRF2 in Disease: Timing Is Everything. Annual Review of Pharmacology and Toxicology, 2019, 59, 555-575.	4.2	289
826	Phytochemicals and Gastrointestinal Cancer: Cellular Mechanisms and Effects to Change Cancer Progression. Biomolecules, 2020, 10, 105.	1.8	84
827	CRBN knockdown mitigates lipopolysaccharide-induced acute lung injury by suppression of oxidative stress and endoplasmic reticulum (ER) stress associated NF-ήB signaling. Biomedicine and Pharmacotherapy, 2020, 123, 109761.	2.5	21
828	Ginsenoside Rg1 protects mice against streptozotocin-induced type 1 diabetic by modulating the NLRP3 and Keap1/Nrf2/HO-1 pathways. European Journal of Pharmacology, 2020, 866, 172801.	1.7	45

#	Article	IF	CITATIONS
829	The Keap1-Nrf2 pathway: From mechanism to medical applications. , 2020, , 125-147.		1
830	Nrf2 in liver toxicology. Archives of Pharmacal Research, 2020, 43, 337-349.	2.7	37
831	Nrf2 in Neoplastic and Non-Neoplastic Liver Diseases. Cancers, 2020, 12, 2932.	1.7	12
832	Gastric Cancer: Role of Phytochemicals and Tyrosine Kinase Inhibitors. , 2020, , 189-208.		0
833	Role of Nrf2 and mitochondria in cancer stem cells; in carcinogenesis, tumor progression, and chemoresistance. Biochimie, 2020, 179, 32-45.	1.3	35
834	The NRF2, Thioredoxin, and Glutathione System in Tumorigenesis and Anticancer Therapies. Antioxidants, 2020, 9, 1151.	2.2	74
835	NRF2 and the Ambiguous Consequences of Its Activation during Initiation and the Subsequent Stages of Tumourigenesis. Cancers, 2020, 12, 3609.	1.7	44
836	Targeting Keap1/Nrf2/ARE signaling pathway in multiple sclerosis. European Journal of Pharmacology, 2020, 873, 172973.	1.7	65
837	Current Landscape of NRF2 Biomarkers in Clinical Trials. Antioxidants, 2020, 9, 716.	2.2	56
839	Emerging role of NRF2 in ROS-mediated tumor chemoresistance. Biomedicine and Pharmacotherapy, 2020, 131, 110676.	2.5	81
840	The KEAP1/NRF2 Signaling Pathway in Keratinization. Antioxidants, 2020, 9, 751.	2.2	19
841	Comparative ameliorative actions of extracted bradykinin potentiating fraction from cobra snake venom and synthetic antioxidants on hepatic tissue of aflatoxicosed rats. Journal of Applied Animal Research, 2020, 48, 593-602.	0.4	0
842	Redox Homeostasis and Metabolism in Cancer: A Complex Mechanism and Potential Targeted Therapeutics. International Journal of Molecular Sciences, 2020, 21, 3100.	1.8	52
843	F-Box Proteins and Cancer. Cancers, 2020, 12, 1249.	1.7	32
844	Dysregulation of Redox Status in Urinary Bladder Cancer Patients. Cancers, 2020, 12, 1296.	1.7	11
845	Novel use for old drugs: The emerging role of artemisinin and its derivatives in fibrosis. Pharmacological Research, 2020, 157, 104829.	3.1	32
846	The Impact of the Ubiquitin System in the Pathogenesis of Squamous Cell Carcinomas. Cancers, 2020, 12, 1595.	1.7	11
847	Oxidative-stress-driven mutagenesis in the small intestine of the gpt delta mouse induced by oral administration of potassium bromate. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 850-851, 503136.	0.9	8

#	Article	IF	CITATIONS
848	Counteracting role of nuclear factor erythroid 2-related factor 2 pathway in Alzheimer's disease. Biomedicine and Pharmacotherapy, 2020, 129, 110373.	2.5	56
849	Cancer chemopreventive natural products. Annual Reports in Medicinal Chemistry, 2020, 55, 273-295.	0.5	1
850	Oxidative Stress in Cancer. Cancer Cell, 2020, 38, 167-197.	7.7	1,203
851	A conditional mouse expressing an activating mutation in <scp><i>NRF2</i></scp> displays hyperplasia of the upper gastrointestinal tract and decreased white adipose tissue. Journal of Pathology, 2020, 252, 125-137.	2.1	16
852	A low glycemic diet protects disease-prone Nrf2-deficient mice against age-related macular degeneration. Free Radical Biology and Medicine, 2020, 150, 75-86.	1.3	23
853	Chemopreventive Effect of the Germinated Oat and Its Phenolic-AVA Extract in Azoxymethane/Dextran Sulfate Sodium (AOM/DSS) Model of Colon Carcinogenesis in Mice. Foods, 2020, 9, 169.	1.9	18
854	NRF2 negatively regulates primary ciliogenesis and hedgehog signaling. PLoS Biology, 2020, 18, e3000620.	2.6	19
855	Artichoke Polyphenols Sensitize Human Breast Cancer Cells to Chemotherapeutic Drugs via a ROS-Mediated Downregulation of Flap Endonuclease 1. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-11.	1.9	10
856	Deletion of Nrf2 shortens lifespan in C57BL6/J male mice but does not alter the health and survival benefits of caloric restriction. Free Radical Biology and Medicine, 2020, 152, 650-658.	1.3	21
857	NRF2 as a regulator of cell metabolism and inflammation in cancer. Carcinogenesis, 2020, 41, 405-416.	1.3	160
858	The positive feedback loop between Nrf2 and phosphogluconate dehydrogenase stimulates proliferation and clonogenicity of human hepatoma cells. Free Radical Research, 2020, 54, 906-917.	1.5	6
859	Redox toxicology of environmental chemicals causing oxidative stress. Redox Biology, 2020, 34, 101475.	3.9	99
860	Kaempferol modulates TCDD- and <i>t</i> BHQ-induced drug-metabolizing enzymes and luteolin enhances this effect. Food and Function, 2020, 11, 3668-3680.	2.1	9
861	The Molecular Mechanisms Regulating the KEAP1-NRF2 Pathway. Molecular and Cellular Biology, 2020, 40, .	1.1	620
862	Cellular Nrf2 Levels Determine Cell Fate during Chemical Carcinogenesis in Esophageal Epithelium. Molecular and Cellular Biology, 2021, 41, .	1.1	11
863	Evaluating skin cancer chemopreventive potential of water extract of Syzygium samarangense leaves through activation of the Nrf2-mediated cellular defense system. South African Journal of Botany, 2021, 137, 303-310.	1.2	6
864	The Role of Nrf2 on the Cognitive Dysfunction of High-fat Diet Mice Following Lead Exposure. Biological Trace Element Research, 2021, 199, 2247-2258.	1.9	9
865	How Drosophila Can Inform the Emerging Paradigm of the Role of Antioxidants in Cancer. Molecular Cancer Research, 2021, 19, 38-41.	1.5	0

#	Article	IF	CITATIONS
866	Crustacea (Carotenoids Namely Astaxanthins) Against Cancer. Food Bioactive Ingredients, 2021, , 145-178.	0.3	0
867	Thymoquinone: A Tie-Breaker in SARS-CoV2-Infected Cancer Patients?. Cells, 2021, 10, 302.	1.8	14
868	The multifaceted role of NRF2 in cancer progression and cancer stem cells maintenance. Archives of Pharmacal Research, 2021, 44, 263-280.	2.7	23
869	Effects of in vivo treatment of mice with sulforaphane on repair of DNA pyridyloxylbutylation. Toxicology, 2021, 454, 152753.	2.0	6
870	Targeting NRF2 to treat cancer. Seminars in Cancer Biology, 2021, 76, 61-73.	4.3	32
871	Tocotrienols Activate Nrf2 Nuclear Translocation and Increase the Antioxidant- Related Hepatoprotective Mechanism in Mice Liver. Current Pharmaceutical Biotechnology, 2021, 22, 1085-1098.	0.9	9
872	Targeting oxidative stress in disease: promise and limitations of antioxidant therapy. Nature Reviews Drug Discovery, 2021, 20, 689-709.	21.5	975
873	A Novel Nrf2 Pathway Inhibitor Sensitizes Keap1-Mutant Lung Cancer Cells to Chemotherapy. Molecular Cancer Therapeutics, 2021, 20, 1692-1701.	1.9	18
874	Emodin Prevented Depression in Chronic Unpredicted Mild Stress-Exposed Rats by Targeting miR-139-5p/5-Lipoxygenase. Frontiers in Cell and Developmental Biology, 2021, 9, 696619.	1.8	7
875	Cullin-RING Ligases as Promising Targets for Gastric Carcinoma Treatment. Pharmacological Research, 2021, 170, 105493.	3.1	8
876	Antioxidant Activity of Novel Casein-Derived Peptides with Microbial Proteases as Characterized via Keap1-Nrf2 Pathway in HepG2 Cells. Journal of Microbiology and Biotechnology, 2021, 31, 1163-1174.	0.9	16
877	Reactive oxygen species produced by altered tumor metabolism impacts cancer stem cell maintenance. Redox Biology, 2021, 44, 101953.	3.9	39
878	Non-canonical NRF2 activation promotes a pro-diabetic shift in hepatic glucose metabolism. Molecular Metabolism, 2021, 51, 101243.	3.0	13
879	Relationship between functional Nrf2 gene promoter polymorphism and sperm DNA damage in male infertility. Systems Biology in Reproductive Medicine, 2021, 67, 399-412.	1.0	6
880	Effects of sulfamethoxazole on the growth, oxidative stress and inflammatory response in the liver of juvenile Nile tilapia (Oreochromis niloticus). Aquaculture, 2021, 543, 736935.	1.7	7
881	Acute hypoxia effects on Keap1/Nrf2 (Mafs)-GST pathway related oxidative metabolism in muscle of Japanese flounder (Paralichthys olivaceus). Science of the Total Environment, 2021, 795, 148646.	3.9	19
882	Nrf2, YAP, antioxidant potential, and cancer. , 2021, , 159-170.		2
884	Pectic polysaccharide from <i>Nelumbo nucifera</i> leaves promotes intestinal antioxidant defense <i>in vitro</i> and <i>in vivo</i> . Food and Function, 2021, 12, 10828-10841.	2.1	18

#	Article	IF	Citations
885	Sulforaphane and mitochondria. , 2021, , 233-246.		1
886	Nuclear Receptor-Mediated Regulation of Phase II Conjugating Enzymes. , 0, , 61-110.		3
887	Induction of Drug-Metabolizing Enzymes: Contrasting Roles in Detoxification and Bioactivation of Drugs and Xenobiotics. , 2008, , 1-34.		2
888	Inducers of Enzymes That Protect Against Carcinogens and Oxidants. , 2004, , 3-20.		3
889	Cruciferous Vegetables, Isothiocyanates, Indoles, and Cancer Prevention. , 2010, , 535-566.		3
890	Detoxication of Chemical Carcinogens and Chemoprevention. , 2011, , 159-179.		3
891	Chemoprevention of Hepatic Cancer in Aflatoxin Endemic Areas. , 2012, , 339-365.		1
892	Nrf2 Transcription Factor and Heme Oxygenase-1 as Modulators of Vascular Injury and Angiogenesis. , 2013, , 213-239.		1
893	Keap1-Nrf2 Regulatory System and Cancer. , 2015, , 269-285.		1
894	Cullin 3 and Its Role in Tumorigenesis. Advances in Experimental Medicine and Biology, 2020, 1217, 187-210.	0.8	16
895	A New Theory of Chemically Induced Tumorigenesis. Advances in Molecular Toxicology, 2016, 10, 1-53.	0.4	1
896	Genetic ablation of Nrf2 enhances susceptibility to cigarette smoke–induced emphysema in mice. Journal of Clinical Investigation, 2004, 114, 1248-1259.	3.9	535
897	Nrf2 is a critical regulator of the innate immune response and survival during experimental sepsis. Journal of Clinical Investigation, 2006, 116, 984-995.	3.9	874
898	Alpha-Lipoic Acid. Oxidative Stress and Disease, 2008, , .	0.3	2
899	Epigallocatechin-3-Gallate Reduces Cytotoxic Effects Caused by Dental Monomers: A Hypothesis. Medical Science Monitor, 2015, 21, 3197-3202.	0.5	17
900	Targeted Deletion of Nrf2 Reduces Urethane-Induced Lung Tumor Development in Mice. PLoS ONE, 2011, 6, e26590.	1.1	83
901	A Versatile ΦC31 Based Reporter System for Measuring AP-1 and Nrf2 Signaling in Drosophila and in Tissue Culture. PLoS ONE, 2012, 7, e34063.	1.1	195
902	Nrf2 Is Involved in Maintaining Hepatocyte Identity during Liver Regeneration. PLoS ONE, 2014, 9, e107423.	1.1	19

#	Article	IF	Citations
903	CDDO-Me Protects Normal Lung and Breast Epithelial Cells but Not Cancer Cells from Radiation. PLoS ONE, 2014, 9, e115600.	1.1	15
904	NRF2 Regulates PINK1 Expression under Oxidative Stress Conditions. PLoS ONE, 2015, 10, e0142438.	1.1	129
905	Activation of the Nrf2 Cell Defense Pathway by Ancient Foods: Disease Prevention by Important Molecules and Microbes Lost from the Modern Western Diet. PLoS ONE, 2016, 11, e0148042.	1.1	85
906	Nrf2 regulates mass accrual and the antioxidant endogenous response in bone differently depending on the sex and age. PLoS ONE, 2017, 12, e0171161.	1.1	33
907	Nuclear factor-E2-related factor 2 expression in liver is critical for induction of NAD(P)H:quinone oxidoreductase 1 during cholestasis. Cell Stress and Chaperones, 2006, 11, 356.	1.2	53
908	NRF2 promotes breast cancer cell proliferation and metastasis by increasing RhoA/ROCK pathway signal transduction. Oncotarget, 2016, 7, 73593-73606.	0.8	101
909	Nrf2 Deficiency Promotes Melanoma Growth and Lung Metastasis. , 2016, 2, 308-314.		11
910	Regulation of Nrf2 Signaling. , 0, , .		53
911	Stress and drug resistance in cancer. , 2019, 2, 773-786.		3
912	Emerging role of nuclear factor erythroid 2-related factor 2 in the mechanism of action and resistance to anticancer therapies. , 2019, 2, 490-515.		4
913	Interaction of Anthocyanins with Drug-metabolizing and Antioxidant Enzymes. Current Medicinal Chemistry, 2013, 20, 4665-4679.	1.2	18
914	New Player on An Old Field; the Keap1/Nrf2 Pathway as a Target for Treatment of Type 2 Diabetes and Metabolic Syndrome. Current Diabetes Reviews, 2013, 9, 137-145.	0.6	77
915	Dietary flavonoids as cancer-preventive and therapeutic biofactors. Frontiers in Bioscience - Scholar, 2011, S3, 1332.	0.8	82
916	Carotenoids as Cancer Preventive Agents. Basic and Clinical Dermatology, 2007, , 307-332.	0.1	1
917	The Carcinogenic Agent Diethylnitrosamine Induces Early Oxidative Stress, Inflammation and Proliferation in Rat Liver, Stomach and Colon: Protective Effect of Ginger Extract. Asian Pacific Journal of Cancer Prevention, 2019, 20, 2551-2561.	0.5	41
918	Up-regulation of NAD(P)H quinone oxidoreductase 1 during human liver injury. World Journal of Gastroenterology, 2006, 12, 1937.	1.4	60
919	Molecular mechanisms of chemopreventive phytochemicals against gastroenterological cancer development. World Journal of Gastroenterology, 2013, 19, 984.	1.4	59
920	Evaluation of the role of Nrf2/Keap1 pathway‑associated novel mutations and gene expression on antioxidant status in patients with deep vein thrombosis. Experimental and Therapeutic Medicine, 2020, 20, 868-881.	0.8	7

<u></u>	 D	
$(   T \wedge T \rangle$	NEDC	NDT.
CITAL	NLFC	

#	Article	IF	CITATIONS
921	Gene targets of sulforaphane in head and neck squamous cell carcinoma. Molecular Medicine Reports, 2019, 20, 5335-5344.	1.1	6
922	Neuroprotective effects of salidroside on focal cerebral ischemia/reperfusion injury involves the nuclear erythroid 2-related factor 2 pathway. Neural Regeneration Research, 2015, 10, 1989.	1.6	39
923	Differential Expression and Stability of Endogenous Nuclear Factor E2-related Factor 2 (Nrf2) by Natural Chemopreventive Compounds in HepG2 Human Hepatoma Cells. BMB Reports, 2005, 38, 167-176.	1.1	94
924	Applications of Genetically Modified Tools to Safety Assessment in Drug Development. Toxicological Research, 2010, 26, 1-8.	1.1	3
925	Nrf2-Keap1 Activation, A Promising Strategy in the Prevention of Cancer. Free Radicals and Antioxidants, 2016, 7, 01-07.	0.2	5
926	Review of Nrf2-regulated genes induced in response to antioxidants. International Journal of Medical Research and Health Sciences, 2014, 3, 428.	0.1	5
927	Exploring the Protective and Reparative Mechanisms of G. lucidum Polysaccharides Against H2O2-Induced Oxidative Stress in Human Skin Fibroblasts. Clinical, Cosmetic and Investigational Dermatology, 2021, Volume 14, 1481-1496.	0.8	9
929	Strategies for cancer prevention: the role of diet. British Journal of Nutrition, 2002, 87, 265-272.	1.2	4
930	Gene Regulation by Glucosinolate Hydrolysis Products from Broccoli. , 2003, , .		1
931	Hepatic Drug Metabolism. , 2004, , 135-148.		0
932	Anticancer Activity of Carotenoids. Oxidative Stress and Disease, 2004, , 165-196.	0.3	2
933	Prostate Cancer Prevention. , 2005, , 185-203.		1
934	Regulation of Transcription by Antioxidant Carotenoids. , 2005, , .		0
935	Mitochondrial Nutrients. Oxidative Stress and Disease, 2005, , 59-105.	0.3	0
936	Daily Intake of Sulforaphane-Rich Broccoli Sprouts Suppresses H. pylori Colonization and Attenuates H. pylori-induced Gastritis via Upregulation of Nrf2-dependent Antixodaint Enzymes. Japanese Journal of Complementary and Alternative Medicine, 2007, 4, 9-15.	1.0	0
937	Lipoic Acid as an Inducer of Phase II Detoxification Enzymes through Activation of Nrf2-Dependent Gene Expression. Oxidative Stress and Disease, 2008, , .	0.3	1
938	Modulation of Gene Expression by Dietary Carotenoids and Retinoids. Oxidative Stress and Disease, 2008, , .	0.3	0
939	Intracellular Signaling Molecules as Targets of Selected Dietary Chemopreventive Agents. Oxidative Stress and Disease, 2008, , .	0.3	0

#	Article	IF	CITATIONS
940	Transcriptional Mediators of Cellular Hormesis. , 2010, , 69-93.		1
941	he Role of Genomic Oxidative-Reductive Balance as Predictor of Complex Regional Pain Syndrome Development: A Novel Theory. Pain Physician, 2010, 1;13, 79-90.	0.3	10
942	Quinone Reductases. , 2010, , 207-218.		0
943	In vivo Imaging of Antioxidant Effects on NF-Î $^{ m B}$ Activity in Reporter Mice. , 2011, , 157-184.		0
945	Inducibility of Metabolizing Enzymes. , 2012, , 83-90.		0
946	Induction and Inhibition Compounds. , 2012, , 91-102.		0
947	Induction of Enzymes for Health Benefits. , 2012, , 113-121.		0
948	Methylmercury and Glia Cells. , 2012, , 271-285.		0
949	Tocotrienols, Inflammation, and Cancer. , 2012, , 209-224.		0
950	Nonimmune-Mediated Drug-Induced Hepatotoxicity. , 2014, , 389-399.		0
951	Toxicogenomics-Based Assessment of Xenobiotic-Induced Oxidative Stress. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 467-480.	0.4	0
952	Molecular Mechanisms of Phytochemical Actions in Cancer. , 2019, , 111-138.		0
953	Nrf2 in Immune Responses During Inflammation. Agents and Actions Supplements, 2020, , 23-49.	0.2	0
954	Oltipraz ameliorates the progression of steatohepatitis in Nrf2-null mice fed a high-fat diet. Journal of Clinical Biochemistry and Nutrition, 2022, 70, 147-153.	0.6	6
955	Phytochemicals Plus Checkpoint Inhibitors in GI Cancers. , 2020, , 83-107.		0
956	Induction of Metabolic Enzymes for Health Effects. , 2020, , 193-203.		0
957	Nrf2 and Inflammation-Triggered Carcinogenesis. Agents and Actions Supplements, 2020, , 129-152.	0.2	1
959	Cancer Cell Metabolism Featuring Nrf2. Current Drug Discovery Technologies, 2020, 17, 263-271.	0.6	2

	Сітатіс	CITATION REPORT	
# 961	ARTICLE Endoplasmic Reticulum Stress and Unfolded Protein Response Pathways: Potential for Treating Age-related Retinal Degeneration. Journal of Ophthalmic and Vision Research, 2012, 7, 45-59.	lF 0.7	CITATIONS 31
962	Advances in mechanisms of anti-oxidation. Discovery Medicine, 2014, 17, 121-30.	0.5	17
963	Diabetic Wound Healing and Activation of Nrf2 by Herbal Medicine. Journal of Nature and Science, 2016, 2, .	1.1	5
965	Regulation of Nrf2 Signaling. Reactive Oxygen Species (Apex, N C ), 2019, 8, 312-322.	5.4	55
966	Cancer Chemopreventive Role of Dietary Terpenoids by Modulating Keap1-Nrf2-ARE Signaling System—A Comprehensive Update. Applied Sciences (Switzerland), 2021, 11, 10806.	1.3	19
967	NRF2: KEAPing Tumors Protected. Cancer Discovery, 2022, 12, 625-643.	7.7	60
968	The role of ROS in tumour development and progression. Nature Reviews Cancer, 2022, 22, 280-297.	12.8	453
969	A Common Feature of Pesticides: Oxidative Stress—The Role of Oxidative Stress in Pesticide-Induced Toxicity. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-31.	1.9	112
970	Dietary phytochemicals targeting Nrf2 for chemoprevention in breast cancer. Food and Function, 2022, 13, 4273-4285.	2.1	12
971	Two Faces of Nrf2 in Cancer. , 0, , .		0
972	KEAP1-Mutant NSCLC: The Catastrophic Failure of a Cell-Protecting Hub. Journal of Thoracic Oncology, 2022, 17, 751-757.	0.5	21
973	The Epidermis: Redox Governor of Health and Diseases. Antioxidants, 2022, 11, 47.	2.2	7
975	GSTM3 deficiency impedes DNA mismatch repair to promote gastric tumorigenesis via CAND1/NRF2-KEAP1 signaling. Cancer Letters, 2022, 538, 215692.	3.2	9
976	A strategy for cancer prevention: Stimulation of the Nrf2-ARE signaling pathway. Molecular Cancer Therapeutics, 2004, 3, 885-893.	1.9	188
977	Synthesis and Evaluation of Functionalized Aryl and Biaryl Isothiocyanates Against Human MCFâ€7 Cells. ChemMedChem, 2022, , .	1.6	0
978	Protective actions of nuclear factor erythroid 2-related factor 2 (NRF2) and downstream pathways against environmental stressors. Free Radical Biology and Medicine, 2022, 187, 72-91.	1.3	28
979	Flexion of Nrf2 by tea phytochemicals: A review on the chemopreventive and chemotherapeutic implications. Pharmacological Research, 2022, 182, 106319.	3.1	13
980	Aryl Hydrocarbon Receptor in Oxidative Stress as a Double Agent and Its Biological and Therapeutic Significance. International Journal of Molecular Sciences, 2022, 23, 6719.	1.8	27

#	Article	IF	CITATIONS
981	Nicotinamide Mononucleotide Administration Restores Redox Homeostasis via the Sirt3–Nrf2 Axis and Protects Aged Mice from Oxidative Stress-Induced Liver Injury. Journal of Proteome Research, 2022, 21, 1759-1770.	1.8	7
982	Notoginsenoside R1 alleviates spinal cord injury by inhibiting oxidative stress, neuronal apoptosis, and inflammation via activating the nuclear factor erythroid 2 related factor 2/heme oxygenase-1 signaling pathway. NeuroReport, 2022, 33, 451-462.	0.6	4
983	Green Tea Polyphenols Cause Apoptosis and Autophagy in HPV-16 Subgene-Immortalized Human Cervical Epithelial Cells via the Activation of the Nrf2 Pathway. Nutrition and Cancer, 0, , 1-10.	0.9	3
984	HIF1, HSF1, and NRF2: Oxidant-Responsive Trio Raising Cellular Defenses and Engaging Immune System. Chemical Research in Toxicology, 2022, 35, 1690-1700.	1.7	13
986	Application of ARE-reporter systems in drug discovery and safety assessment. Toxicology and Applied Pharmacology, 2022, 454, 116243.	1.3	2
987	Molecular mechanisms associated with the chemoprotective role of protocatechuic acid and its potential benefits in the amelioration of doxorubicin-induced cardiotoxicity: A review. Toxicology Reports, 2022, 9, 1713-1724.	1.6	7
988	Novel <scp>NRF2</scp> â€activated cancer treatments utilizing synthetic lethality. IUBMB Life, 2022, 74, 1209-1231.	1.5	7
989	Prognostic significance of ferroptosis pathway gene signature and correlation with macrophage infiltration in cervical squamous cell carcinoma. International Immunopharmacology, 2022, 112, 109273.	1.7	11
990	Influences of ferulic acid on intestinal digestive and antioxidant enzymes, immune, antioxidant gene and tight junction protein expression and microbiota in hybrid grouper (Epinephelus fuscoguttatus♀×) Tj E	TQ <b>φ07</b> 00ι	rgB <b>I</b> ∣Overloc
991	Expression of nuclear factor-erythroid 2-related factor 2 (Nrf2) in mouse uterus during the peri-implantation period. Biotechnic and Histochemistry, 0, , 1-8.	0.7	0
992	MEKK-3 Acts Cooperatively with NSY-1 in SKN-1-Dependent Manner against Oxidative Stress and Aging in Caenorhabditis elegans. Biology, 2022, 11, 1526.	1.3	1
993	The Association of Polymorphisms in Genes Encoding Antioxidant Enzymes GPX1 (rs1050450), SOD2 (rs4880) and Transcriptional Factor Nrf2 (rs6721961) with the Risk and Development of Prostate Cancer. Medicina (Lithuania), 2022, 58, 1414.	0.8	7
994	Deregulated transcription factors in cancer cell metabolisms and reprogramming. Seminars in Cancer Biology, 2022, 86, 1158-1174.	4.3	13
996	The role of Nrf2 in periodontal disease by regulating lipid peroxidation, inflammation and apoptosis. Frontiers in Endocrinology, 0, 13, .	1.5	7
997	Attenuation of N-Nitrosodiethylamine -Induced Hepatocellular Carcinoma by Piceatannol and/or Cisplatin: The Interplay between Nuclear Factor (Erythroid Derived 2)-like 2 and Redox Status. Asian	0.5	0

	Pacific Journal of Cancer Prevention, 2022, 23, 3895-3903.		
998	Nrf2 and Oxidative Stress: A General Overview of Mechanisms and Implications in Human Disease. Antioxidants, 2022, 11, 2345.	2.2	77
999	Blockage of Nrf2 and autophagy by L-selenocystine induces selective death in Nrf2-addicted colorectal cancer cells through p62-Keap-1-Nrf2 axis. Cell Death and Disease, 2022, 13, .	2.7	5
1000	Broccoli-Derived Glucoraphanin Activates AMPK/PGC1α/NRF2 Pathway and Ameliorates Dextran-Sulphate-Sodium-Induced Colitis in Mice. Antioxidants, 2022, 11, 2404.	2.2	2

#	Article	IF	CITATIONS
1001	Cysteine dioxygenase 1 attenuates the proliferation via inducing oxidative stress and integrated stress response in gastric cancer cells. Cell Death Discovery, 2022, 8, .	2.0	3
1002	Role of STAT3 and NRF2 in Tumors: Potential Targets for Antitumor Therapy. Molecules, 2022, 27, 8768.	1.7	4
1003	Anti-Inflammatory Mechanisms of Dietary Flavones: Tapping into Nature to Control Chronic Inflammation in Obesity and Cancer. International Journal of Molecular Sciences, 2022, 23, 15753.	1.8	9
1004	Inhibitors of Keap1-Nrf2 protein-protein interaction reduce estrogen responsive gene expression and oxidative stress in estrogen receptor-positive breast cancer. Toxicology and Applied Pharmacology, 2023, 460, 116375.	1.3	3
1005	NRF2 controls iron homeostasis and ferroptosis through HERC2 and VAMP8. Science Advances, 2023, 9, .	4.7	70
1007	Current perspectives of mitochondria-targeted antioxidants in cancer prevention and treatment. Frontiers in Cell and Developmental Biology, 0, 11, .	1.8	6
1009	Distinct Nrf2 Signaling Thresholds Mediate Lung Tumor Initiation and Progression. Cancer Research, 2023, 83, 1953-1967.	0.4	7
1010	Activation of Nrf2 pathway as a protective mechanism against oxidative stress-induced diseases: Potential of astaxanthin. Archives of Biochemistry and Biophysics, 2023, 741, 109601.	1.4	8
1015	Phytochemicals as a complementary alternative medicine in cancer treatment. , 2023, , 309-334.		0
1018	The mechanistic insights of the antioxidant Keap1-Nrf2 pathway in oncogenesis: a deadly scenario. , 2023, 40, .		1
1025	Glucosinolates in cancer prevention and treatment: experimental and clinical evidence. , 2023, 40, .		0
1027	Insights into the health benefits of carotenoids. , 2024, , 555-575.		0

0

1033 Quinone Reductases. , 2024, , .